

**Public Servant's Vehicle Loan Management System
(For Kelantan State Treasury Department)**

by

Mohd Hairi Bin Mahamad Husin

Dissertation submitted in partial fulfillment of
the requirements for the
Bachelor of Technology (Hons)
(Information Technology)

JULY 2007

Universiti Teknologi PETRONAS
Bandar Seri Iskandar
31750 Tronoh
Perak Darul Ridzuan

CERTIFICATION OF APPROVAL

**Public Servant's Vehicle Loan Management System
(For Kelantan State Treasury Department)**

By

Mohd Hairi Bin Mahamad Husin

A project dissertation submitted to the
Information Technology Programme
Universiti Teknologi PETRONAS
in partial fulfillment of the requirement for the
BACHELOR OF TECHNOLOGY (Hons)
(INFORMATION TECHNOLOGY)

Approved by,



(Mrs Aliza Sarlan)

UNIVERSITI TEKNOLOGI PETRONAS

TRONOH, PERAK

July 2007

CERTIFICATION OF ORIGINALITY

This is to certify that I am responsible for the work submitted in this project, that the original work is my own except as specified in the references and acknowledgements, and that the original work contained herein have not been undertaken or done by unspecified sources or persons.



MOHD HAIRI BIN MAHAMAD HUSIN

ABSTRACT

Vehicle Loan Management System (VLMS) is developed to assist the management committee of Kelantan State Treasury Department. They have requested for a simple web-based, user friendly system which can cater the problem that arises. The Vehicle Loan Management System is a reliable system which has the capability of giving the users and clients the benefits of information retrieval, data manipulation and accessing data with just a matter of 'clicks'. The primary goal of the VLMS is to eliminate the manual loan management components that are currently implemented separately. The problem of managing the vehicle loan for public servant can be overcome by VLMS system as it provides faster access to all components needed to managing the loans with reliable data manipulation and retrieval. VLMS system can access information needed easily without have any hassle.

TABLE OF CONTENTS

CERTIFICATION		i
ABSTRACT		ii
TABLE OF CONTENTS		iii
CHAPTER 1:	INTRODUCTION	1
	1. Overview	1
	1.1. Background Study	1
	1.2. Problem Statement	3
	1.2.1. Problem Identification	3
	1.2.2. Significant of the Project	4
	1.3. Objectives and Scope of Study	5
	1.3.1. Objectives	5
	1.3.2. Scopes of Study	5
	1.3.3. The Relevance of the Project	6
	1.3.4. Feasibility of Project	7
CHAPTER 2:	LITERATURE REVIEW AND THEORY	8
	2.1. What is Innovation?	8
	2.2. Why Innovate?	9
	2.3. What is loan management?	9
	2.4. Important of loan management	10
	2.5. The Significance of VLMS system	10
	2.6. E-Government using Business Process Modeling	11
	2.7. E-Government Limitation	12
	2.8. Security and Privacy Issue	13

CHAPTER 3:	METHODOLOGY	14
3.	Introduction	14
3.1.	Research Methodology	14
3.1.1.	Interviews	14
3.2.	Design Methodology	15
3.2.1.	Tools Required	17
3.2.1.1.	Software Requirement	17
3.2.1.2.	Hardware Requirement	18
CHAPTER 4:	RESULT AND DISCUSSION	19
4.1	Context Diagram	19
4.2	Logical Data Flow Diagram	20
4.3	Logical Entity-Relationship Diagram.	21
4.4	Relational Database Schemas.	22
4.5	Interviews	23
4.9	Prototype Storyboard	25
CHAPTER 5:	CONCLUSION	36
REFERENCES		37
APPENDIX		39

LIST OF FIGURES

Figure 1 Linear Sequential Model	15
Figure 2 Context Diagram	19
Figure 3 Data Flow Diagram	20
Figure 4 Entity-Relationship Diagram	21
Figure 5 Login Page	25
Figure 6 Change Password Page	26
Figure 7 Registration Page	27
Figure 8 Applicant Form	28
Figure 9 Application Confirmation Form	29
Figure 10 Finance Access Page – Manage Form Data	30
Figure 11 Finance Access Page – Managing Applicant Form	31
Figure 12 Finance Access Page – Approving the Form	32
Figure 13 Finance Access Page – Querying Information	33
Figure 14 Finance Access Page – Payment Information	34
Figure 15 Head of Department – Finalize Approval	35

LIST OF TABLES

Table 1 Loan Limit for Different Vehicles	23
---	----

CHAPTER 1

INTRODUCTION

1. Overview

Kelantan State Treasury Department is a government organization which handles all the financial matter within the state. In the treasury department, there are three separated divisions which are Management Service Division which the function is to plan, manage, control and decide the financial management and also to managing all the financial administrative reliably, Financial Management Division which responsible to construct the state budget foundation and to analyze all the plan and program of other government agencies and the last one is the Account Management Division which function to run the financial system effectively within the control and regulations of state financial.

The capability of application system development equipped with a very adaptable functions lead to the enhancement of managing tasks systematically is needed to enhance the business process of the State Treasury Department. And that is why the Vehicle Loan Management System (VLMS) is needed to cater the problem of managing the loans.

1.1 Background of Study

Nowadays, organizations seem to be more prefer for something that is useful and making their businesses productive and can give good services to their clients for their satisfaction. Organizations do not want to hassle or bother themselves on something that is not relevant to them. As if they want everything in a way that can make their services more reliable and practical.

Kelantan State Treasury Department has taken a step to gear up their business process effectively and reliably with the helps of the application system development. The three divisions under the State Treasury Department and their functions are shown below:

Service Management Division

- Managing the department administrative tasks
- Planning, controlling and running the financial rules and regulations
- Financial consult services for the non government agency
- To make sure that computerize financial management services is running under the rules that have being stated.

Financial Management Division

- To construct the yearly state budget and to make sure that the budget is manage reliably
- Managing the state Entertainment Act
- Managing the financial application according to the procedures
- Managing the loan services; vehicle loan, house loan and computer loan
- Managing the national financial loan for other state agencies
- To analyze the financial service reliability within the government act.

Account Management Division

- Offering the state financial with a reliable account services
- Managing all the account and financial matter of all the state department
- To prepare a yearly financial statement of the state
- To check all the voucher for the payment
- Construct the subsidiary account and administrative account
- Receiving, processing, managing and approving all the payment of the salary vouchers for the state officers each month within the schedules.

1.2 Problem Statement

1.2.1 Problem Identification

Currently there are about 6000 people served as public servant in Kelantan. The problems arise when it comes to the manual vehicle loan management, which it is physically unconventional way to manage a lot of data procedures. What is the drawback for the use of the manual loan management?

1. Data loss
 - The old traditional way of managing information is by manually stored data in many different files for managing different components of the loan procedures which is becoming rather irrelevant ways to apply in new generation of information technology.
2. To much paperwork
 - Currently, the staffs were using three log books to store all the data and update the information of the loans applicant.
3. Difficult to track payment
 - By using this three log books they keep track all the payments and history of the applicant's loans.
4. Time consuming
 - Tasks or components were done individually where different person were assigned a different tasks. For example, there is a situation when an applicant asking about their status of loans and the management can not give their status right away as they have to search for the applicant information first which they stored in the log books.
 - The manual method also makes the tasks done longer than it is suppose to be and the client need to wait for a long time for their loan request to be prepared and processed.

5. Difficult to access and retrieve information

- This manual method has created problem over the years where the vehicle loan's details were not updated and managed properly and will later create problem when the information are needed to be used.

Nowadays, people hardly wanted to waste their time for doing things that can actually rather be assisted by specific application system to minimize the burden or time taken to completed a tasks. So, as a staffs that are always have their daily busy routine, a system with accessibility and reliability capabilities is a stunning ways to tackle their need of a practical system where they can have full access on the information they needed in just several clicks away. Imagine that users can overcome this situation by using the VLMS system which can query any information from the information which is stored in the database by just a click away. This is where the VLMS system comes into the spotlight.

1.2.2 Significant of the Project

The final product of this project will be able to cater the need of a Vehicle Loan Management System. The system design could increase data reliability and could fulfill the need for a system that can reduce time for managing tasks. The system is ideal for the state treasury department which is always handling and managing public servant matters who are working for the sake of the people. So, basically they will have a reliable system which can manage data and can manipulate data. The system will reduce the problems of the current manual system whereby people always avoid being hassle on the impractical stuff.

1.3. Objectives and Scopes of Study

1.3.1 Objectives

The objective of the project is to develop a Vehicle Loan Management for Kelantan State Treasury Department:

- To conduct research on vehicle loan business process of Kelantan State Treasury Department
- To develop a vehicle loan management system

1.3.2 Scopes of study

- Study the limitation of the current system to reduce complexity
- Identify the weakness and limitation of the current system
- Analyze possible solution to cater the problem
- Understand technical competencies of the staffs so that the propose system can be adapt.
- Understand the existing process flow of vehicle loan management

1.3.3 The relevance of the project

The main idea of the project is to implement the system in the state treasury department. It is a paradigm shift for the department to use a systematic management system in order to manage the loans which currently is using the manual management system. The system is an assisting medium, act as a source of reliable data storage and manipulation. The rationale of the proposed system is to enhance the reliability and data management without consuming much time. The system is targeted to the government servant to promote efficiencies and effectiveness.

1.3.4 Feasibility of Project within the scope and time frame

1.3.4.1 Scope Feasibility

The system will act as the medium to help users in their management tasks. It is not practical and time consuming to manage the loans manually, therefore it is rather important that the system is developed. It can be achieved by developing the system according to the scopes and functionalities.

1.3.4.2 Schedule Feasibility

The system will be completed according to the constrained time frame given by the FYP coordinator. The research will also be done concurrently with the system development. The scope of the proposed system is narrowed down to develop a vehicle loan management system in competence of the time constrained given.

1.3.4.3 Technical Feasibility

The system development will be focusing to the open source platform and trial version application. Hypertext Preprocessor Language (PHP) and the MySQL will be used in the development of the project.

CHAPTER 2

LITERATURE REVIEW AND THEORY

2.1 What is Innovation?

Mulgan and Albury (2003) explain, that innovation in the public sector is typically seen as “an optional extra or an added burden”, rather than as a core activity that is both necessary and of significant value, albeit a different type of value to that sought by the private sector.

Donahue (2005) points out the obvious, but perhaps overlooked, truth that, since public organizations touch the interests of so many and are often entrusted with socially important tasks, innovation in this sector is crucial. Since such innovation enables new needs to be met, and old needs to be met more effectively, it can result in far greater value than the gains achieved in analogous improvements in corporate environments. Conversely, he suggests that failure to innovate or distorted innovation in public services entails a correspondingly large surrender of potential benefit for the public.

That said, in the last twenty years there has been a growing realization among policy makers that the public sector should learn how to innovate, if it were to respond adequately to a rapidly changing environment and citizen’s/business expectations. A variety of drivers lie behind the current push for public sector innovation, among which most prominent is the need to provide prompt, improved and personalized public services to citizens. In other words, the public sector has recognized that it needs to cater more effectively to public needs and expectations by building public services around citizen’s requirements; as opposed to make them fit its own organization and structure.

2.2 Why Innovate?

In view of the above discussion, and building on the framework put forward by Mulgan and Albury (2003), below summarizes the key factors driving public sector innovation.

- To respond more effectively to altered public needs and rising expectations
[“one-size-fits-all” approach outdated]
- To contain costs and increase efficiency, esp. in view of tight budgetary constraints
- To improve delivery and outcomes of public services, including addressing areas where past policies have made little progress
- To capitalize on the full potential of ICTs

2.3 What is Loan management?

What is a Loan? According to Dictionary.com, loan is the act of lending; granting temporary use of something. Based on review on the Webster.com, a loan is the provision of money temporarily (usually at interest).

Loan management is a crucial multitasking task involving managing the information gathered from the clients. By managing the details and information regarding client’s loan information, the management team can specifically keep track and updates the required details on the specifics clients for future references.

2.4 Importance of Loan Management System

There are a lot of procedures in requesting a loan and that is why an efficient management system needed to be develop in order to cater the problems arose. In Kelantan, State Government Treasury can approve loans up until 8 for cars and 5 for motorcycles. More over, there is currently 6000 staff across Kelantan State served as Public Servant.

The development of the new efficient system can actually ease the management to proficiently take loan payments from the clients with systematic ways. Also the results from the development itself can help management committee to handles accounting and financial matter with accountability and efficient. The system also can generate figures and status of the current loans request and payment.

According to Sean Coyle (2005), with the loan management system applied in an organization, it is in a better position to electronically capture new data, this greatly improves its ability to assess risk and analyze its loan information efficiently by reducing loan management processing cycle time by 50 percent.

2.5 The significance of the Vehicle Loan Management System (VLMS) in Kelantan State Government

The implementation of e-government via online transaction in case of the traditional ways of interaction between administration and citizen calls for extensive reorganization of all government processes. (Alexandra Dorfler, 2003)

Thus, it is apparently significance to develop VLMS system which can fulfill a new requirement for a Loan Management System application. The proposed system is expected to be a stepping stone for other government sectors to use available technology for a better medium of management.

2.6 E-Government using Business Process Modelling (BPM)

Business Process Modeling (BPM) must be started as soon as possible. The later a BPM-project starts, the more resistance comes from persons and organization involved. (Alexandra Dorfler, 2003)

There are various tools available for automation in government business processes. Available automated exchange of data with government procedures could reduce the administrations' intervention and increase efficiencies among the government servants. Other example of online electronic payment and electronic signature can also increase the effectiveness of approval on a certain procedures.

Government should act as a private entity and lead the use of technology in their routine transactions to the other public/private sectors. Awareness among the government servant should be raised to show advantages of implementing e-government.

A complex e-government procedure must be designed using BPM software to reduce procedures running time, to reduce administration expenses and to run automatically. (Alexandra Dorfler, 2003)

Apparently, there were campaigns conducted to encourage the government servant to use available technology in their daily tasks. The recent MSC initiative to launch Multimedia Development Corporation (MDeC) is seen a stepping stone to shift government into a new stage of information technology.

2.7 E-Government Limitation

European-Commission (2003) defined eGovernment as the use of information and communication technology in public administrations combined with an organizational change and new skills in order to improve public services and democratic processes and strengthen support to public policies.

Through this definition it is obviously can be said that to create an electronic government in public administrations the individuals must have a specific skills to handle out the transition to make sure that the objectives of the E-Government can be accomplished. According to Javier Noguera-Iso (2003), change processes in organization and culture are slow: it can take several years until the combined investment in information and communication technology, organization and skills deliver the full benefits.

To achieve an E-Government it is compulsory to change the process flow of any tasks in organization and this transition can take several years to fully benefits the advantages. Changing the usual activities can be hard for some people, thus it is hard for them to take the evolution well. So, this is clearly is the limitation in changing the ways of administration doing their daily tasks.

In addition, Marchionini (2003) said that the most common eGovernment application is clearly oriented to provide citizens with access to information. So, the motive of the E-Government can be said that is favoring to the citizens and can provide the citizens with all the necessary knowledge from all around the world.

The question of electronic delivery has not been solved yet but is also a main part of the new e-government strategies. (Alexandra Dorfler, 2003). The author is strongly agreed that electronic deliverables may lead to some issue later on, as electronic version of document may exposed to multi-level of frauds and disasters (i.e. natural disaster, viruses, intervention etc).

2.8 Security and Privacy Issue

The proposed system is running on multiple platform and accessible by a group of personnel. The issue of security and privacy will be one of the important measures in the deployment of the proposed system. The proposed online system may be vulnerable to various internet threats and backdoors which can leads to information leakage.

Agreeing to a statement by Rie Shigetomi (2002), the data collection gathered by a company which summarize the accumulation of consumers' preference and information, could lead to a large privacy problem. This information could be misused by any third party and may leads to security leakage of a person's preference, liability or social status.

“Loan service is also one of the most sophisticated services offered digitally. We can easily see that organization controlling these records could use it to analyze personal hobbies, tastes or even living standards of the consumer. To avoid this problem, each user (i.e. the customer) must be able to control the accumulation of records of loan service. In other word, she (or he) must be able to force the loan organization not to keep that record of her service. However, there lies a fundamental difficulty in realizing anonymity in loan service.” (Rie Shigetomi, 2002).

The proposed system will be also considering the security and privacy measurement upon the deployment of the system. Privileges on accessing certain databases to the key players would be one of the methods to overcome the issue. Further study on security and privacy issue will be conduct during the planning and design phase.

CHAPTER 3

METHODOLOGY

3. Introduction

In methodology part, it is divided into two main sections, which are Research Methodology and Design Methodology. These sections are further divided into sub-sections.

3.1. Research Methodology

Interviews are used as the main tool to gather information from the clients. It is then being supported with surveys that will be conducted throughout the research process. The main reason of using interviews is because the simplicity. It needs to be supported with surveys to ensure that the requirement is met.

3.1.1. Interviews

The relevant of this method will contribute to requirement gathering. In addition, interviews can be easily set up with the clients as they requested for the development of the system. Therefore, the chances to get the specific information regarding the requested system can be easily sought. This is very important in order to define scope of studies well, whereby from there we can actually create a system that a client really needs. The main advantage of this method is that we can gather all the required information within a short period of time.

3.2. Design Methodology

As far as design methodology is concerned, the Linear Sequential Model also known as waterfall model is used for the development of the project. The methodology is divided into four main procedures, which are as Figure 1 below.

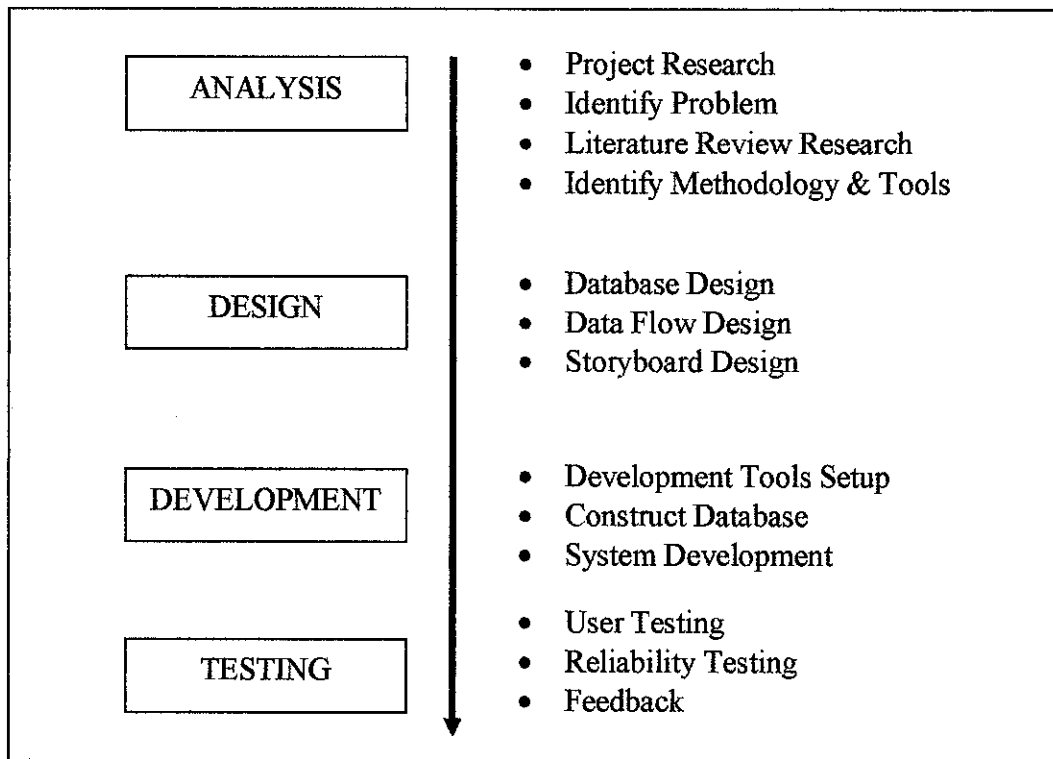


Figure 1: Linear Sequential Model

- **Research and Analysis**

During this first phase, studies are conducted extensively to gather information on the requirement and defining the system scope by identifying the problems. This includes technical and theoretical aspects of the proposed system. Literature review is conducted by researching the subject matter for previous knowledge of the same subjects. This includes findings based from the internet, published journals, and interviews. Then, identification of suitable methodology and tools required can be made.

- System Design

The second phase of the methodology is to design database for the system by enquiring the information needed. This is to make sure that the system be able to cope with the requirement. After that, the data flow diagrams and entity-relation diagrams is design to visualize the flow of the system itself. Storyboarding of the prototypes of the system is crucial so later on it is easier to develop the system by referring to the storyboarding.

- System Development

The technical task will be critical part as it is required a lot of time to make the system design working. First of all, the tools required to develop the system is setup. After all of the tools is installed, to develop a system which can store and retrieve data, a database must be constructed as it is a crucial part of the system. After the database has being constructed then only then the system can be develop.

- Testing

System testing also plays a vital role in the system development life cycle. The system will be tested by user and developers before it can be officially delivered to the end users. To make sure that the system fulfilled all requirements the system testing is needed. Then from the testing, feedback from the testers will be analyzed and the system can be improved.

3.2.1 Tools Required

To assist and facilitate the development process of the project, compatible hardware will be configured to ensure that the system will run smoothly and integration will be successful.

3.2.1.1 Software requirement

Some of the Software requirements that will be needed in the developing process of this project are:

- **MySQL**
 - Will used to support and manage the database of the loans information
- **Apache**
 - A web server to support the interaction between client
- **PHP**
 - Will allow Apache to access the database in MySQL
- **Macromedia Dreamweaver**
 - Third party web development tools
- **Macromedia Flash**
 - Used to develop interactive flash stuff
- **Adobe Photoshop**
 - Graphics software
- **Microsoft XP Service Pack 2**
- **PHPMyAdmin**

3.2.1.2 Hardware requirement

System development hardware means the desktop personal computer which provides the platform for the server and the various applications into one multi-tasking operating system. Following are the requirements, noted that it is not the baseline for the proposed system:

- **Processor:** AMD Athlon XP 2500+, 1.83 GHz
- **Memory:** 512 MB RAM
- **Storage:** 80 GB SCSI Disk Device
- **Display Card:** NVIDIA GeForce4 5200 FX with AGP 8X
- **Operating System:** Microsoft Windows XP Professional Service Pack 2
- **Monitor:** 17" with 1024 x 768 resolutions
- **Media Drive:** 1.44 MB Floppy Disk Drive, LITEON 52X CD-ROM Drive

CHAPTER 4

RESULT AND DISCUSSION

4.1 Context Diagram

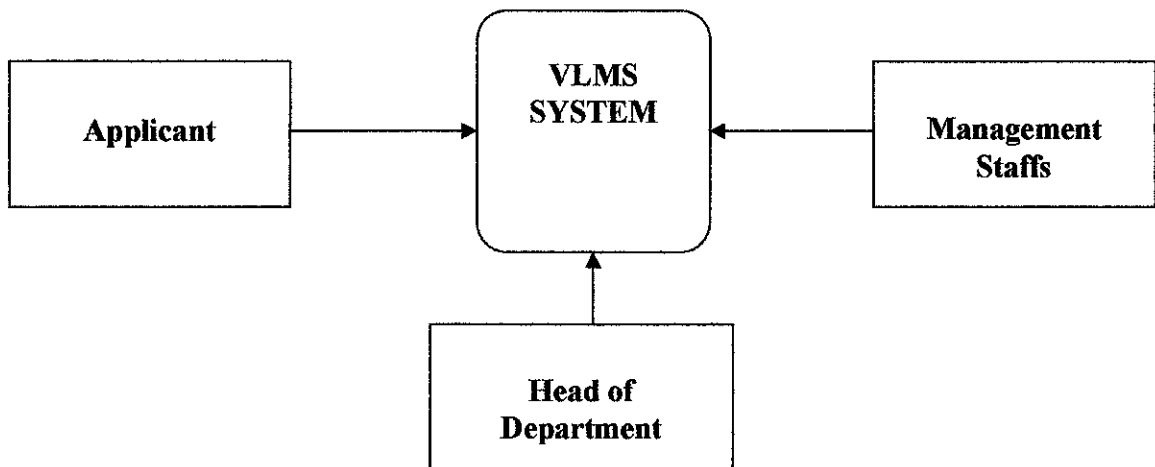


Figure 2: Context Diagram

The Context Diagram illustrates the entities and processes involves in the Vehicle Loan Management System. There are three entities that interact with the system which are:

- Treasury Department Staff: The department is responsible in managing all the state financial matter including the loans.
- Applicant: The applicants are the staffs who work with the state government which are currently about 6000 people roughly.
- Head of Department: The head of department is responsible in verifying and approving the application before check can be issue by the treasury department.

4.2 Logical Data Flow Diagram of the System

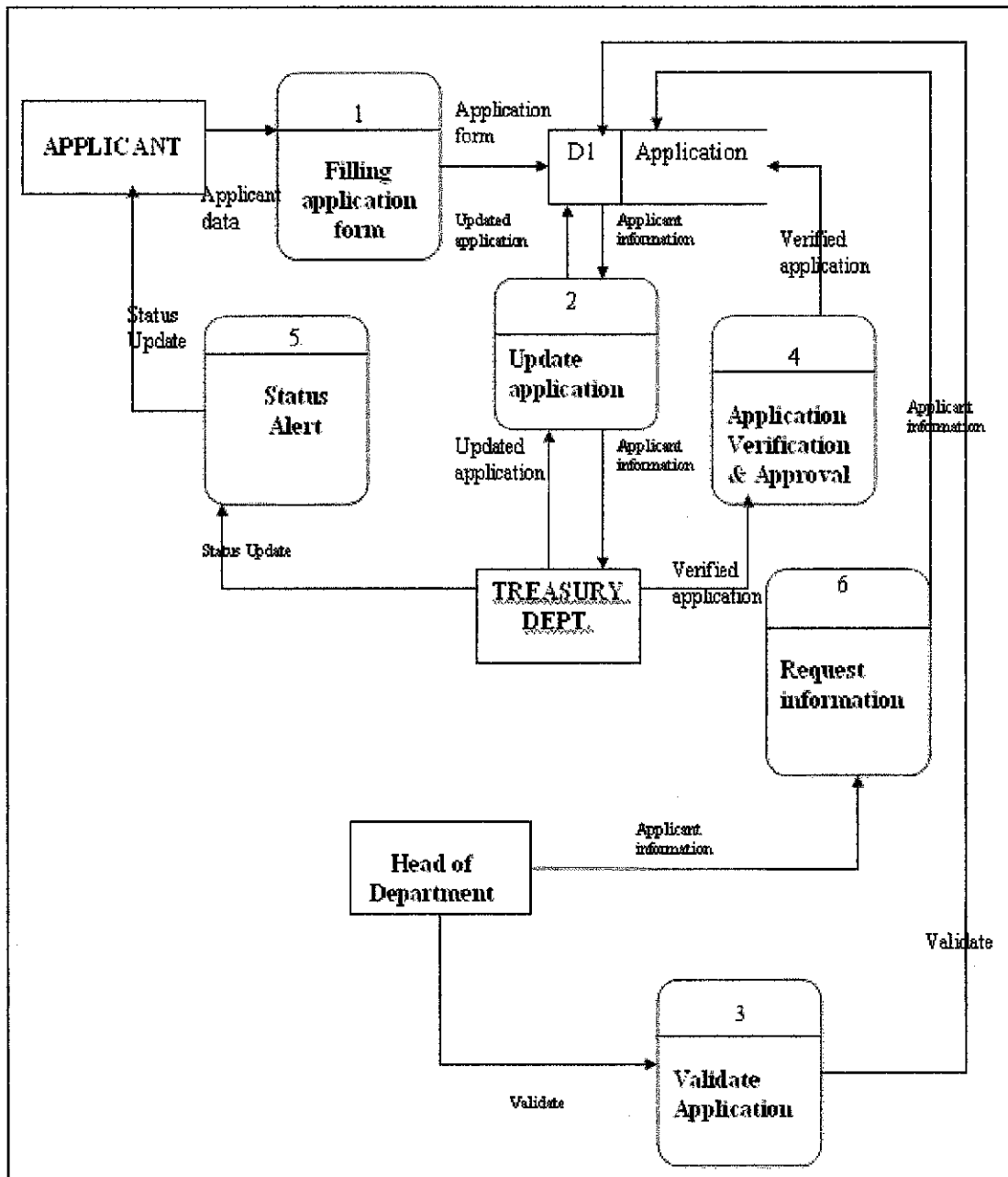


Figure 3: Data Flow Diagram

4.3 Logical Entity-Relation Diagram of the System

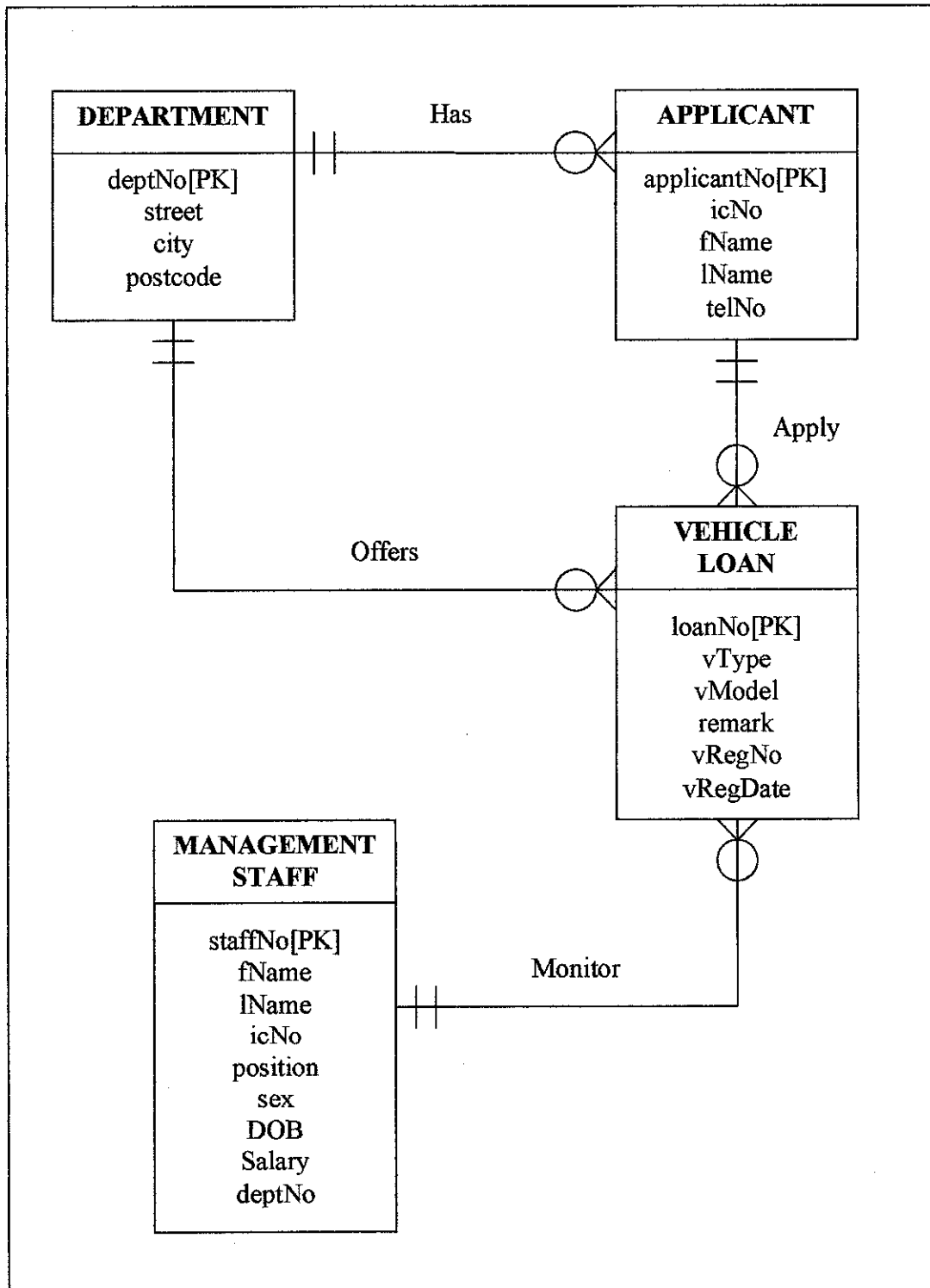


Figure 4: Entity-Relationship Diagram

4.4 Relational Database Schemas

The system relational database consists of several number of normalize relations. The relational schema for part of the Vehicle Loan Management System is:

Department (deptNo, street,city,postcode)

Staff (staffNo, fName, lName, icNo, position, sex, DOB, salary,deptNo)

Applicant (applicantNo, totalLoan, requestLoan, loaPeriod, lastLoanDate, loanAmount, noAccLoan, staffNo)

Payment (applicantNo, monthlyPayment, paymentPeriod, staffNo)

VehicleLoan (loanNo, vType, vModel, vSilinder,vChasis, vEngine, vRegNo, vPrice, vCondition, applicantNo, staffNo, deptNo)

4.5 Interviews

Based on interview conducted by the author, the eligible loan amount is different according to their job grades. Following table illustrate the loan limits for different vehicles.

Vehicle Types	Loan Limit
Car	
1. Main and special grade post	RM60,000
2. Management Group	RM55,000
3. Support Group	RM45,000
Motorcycle	RM5,000
Motorboat	RM4,000
Motorboat Engine	RM3,500
Boat	RM700
Bicycle	RM500

Table 1: Loan Limit for different vehicles

For each vehicle types, the loan repayment periods is based on whether the applicant buying a new car or a used car. For a new car the repayment periods is not exceed 96 months while for a used car not exceed 84 months.

According to Figure 3, there are several processes involves between three entities (i.e. applicant, Treasury Department and the head of department). These entities will be accessing the same database with different privilege upon loan approval.

The prospect applicants will need to register themselves to treasury department in order to get a secured pin number. The secured pin number will be used by the applicant to apply for the loan and check the status. Upon registration, the applicant will need to pay RM40 as a registration fee and they will get the secured pin number. For security precaution, the applicant will have to change their pin number at the first login.

The applicant will initiate the system online via secure connection using their own pin number. Then they will have to complete the request form and submit the required documents to Treasury Department. The form filled by the applicant will be remain in 'pending' status until the Treasury Department verify that the required documents has being received and completed.

The Treasury Department will check the applicant's eligibility via their internal records. After they are qualifying for the loan, the applicant will have to wait for the head of department verification and approval.

The Treasury will forward the request to the State Financial Officer for approval via the system. A report informing the total loan approved will be generated for finance action.

The applicant can always check their current and pending status online. The system also serves as a medium of communication between the applicants and the management. Additional information such as contact numbers and person in charge will also be visible for the applicant enquiries.

4.6 Storyboard of the System Prototype

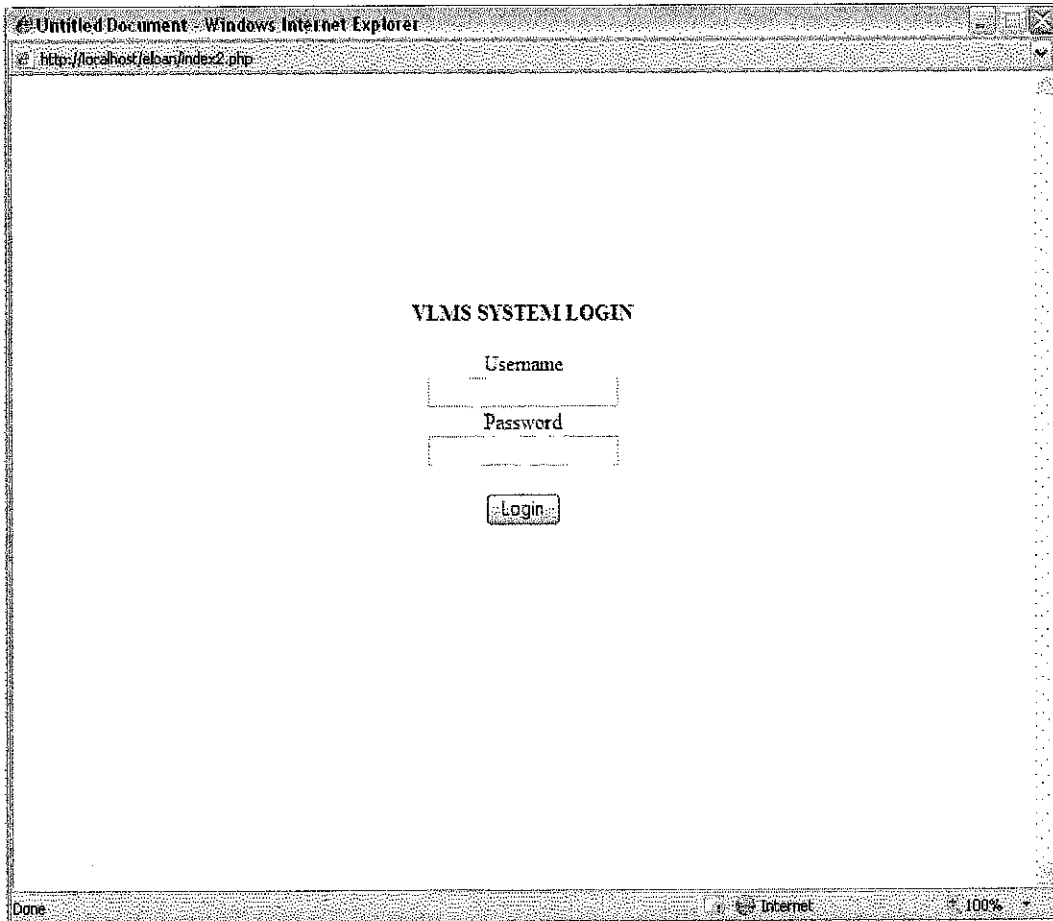


Figure 5: Login Page

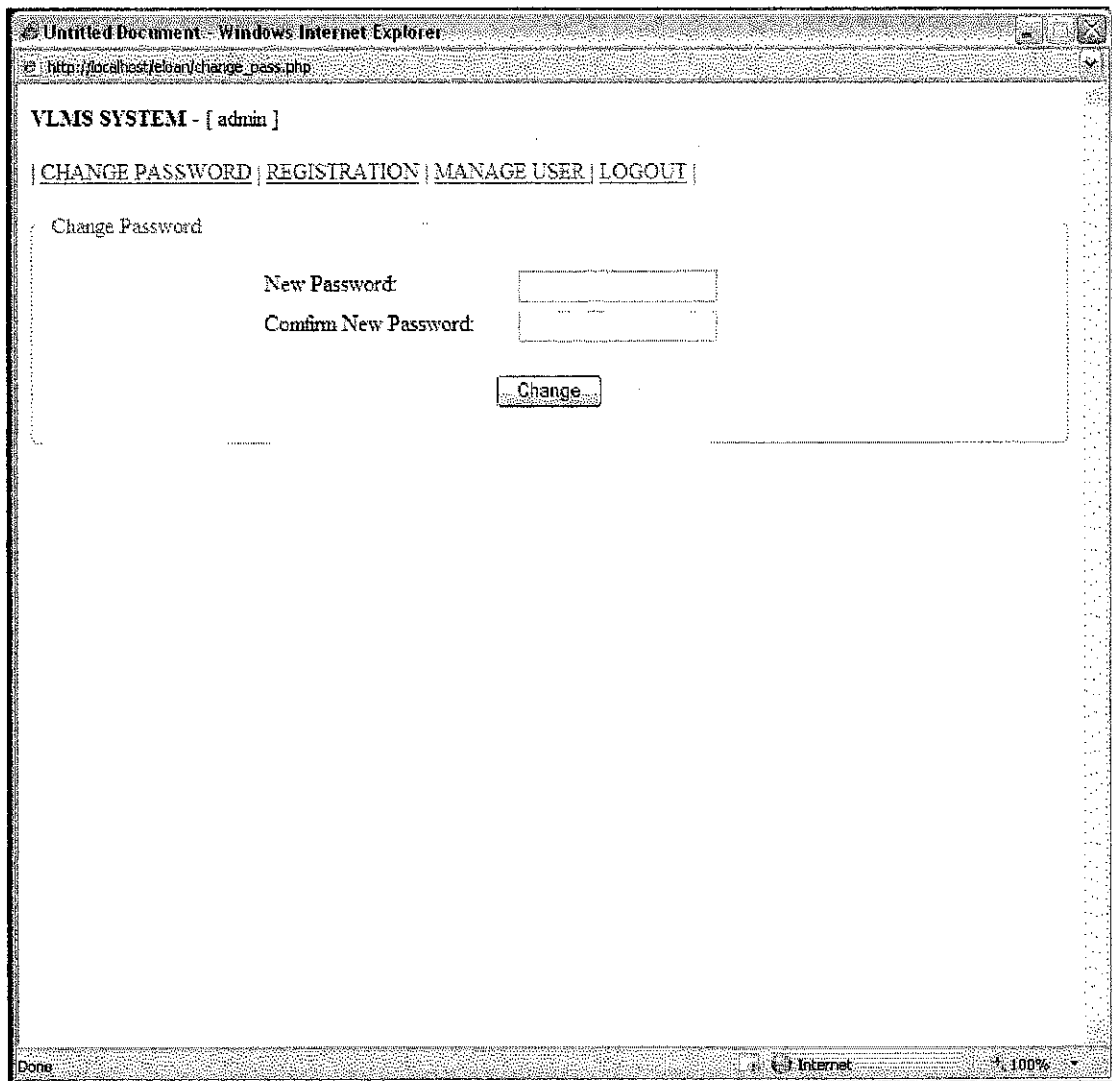


Figure 6: Change Password Page

The applicants will need to register themselves to treasury department in order to get a secured pin number. The secured pin number will be used by the applicant to apply for the loan and check the status. Upon registration, the applicant will need to pay RM40 as a registration fee and they will get the secured pin number. For security precaution, the applicant will have to change their pin number at the first login.

The login system as shown in Figure 6 will accept 4 different accesses according to access granted by system administrator. The administrator will assign the access when he or she registers the users in the system. The main menu of the system will be different for each access login.

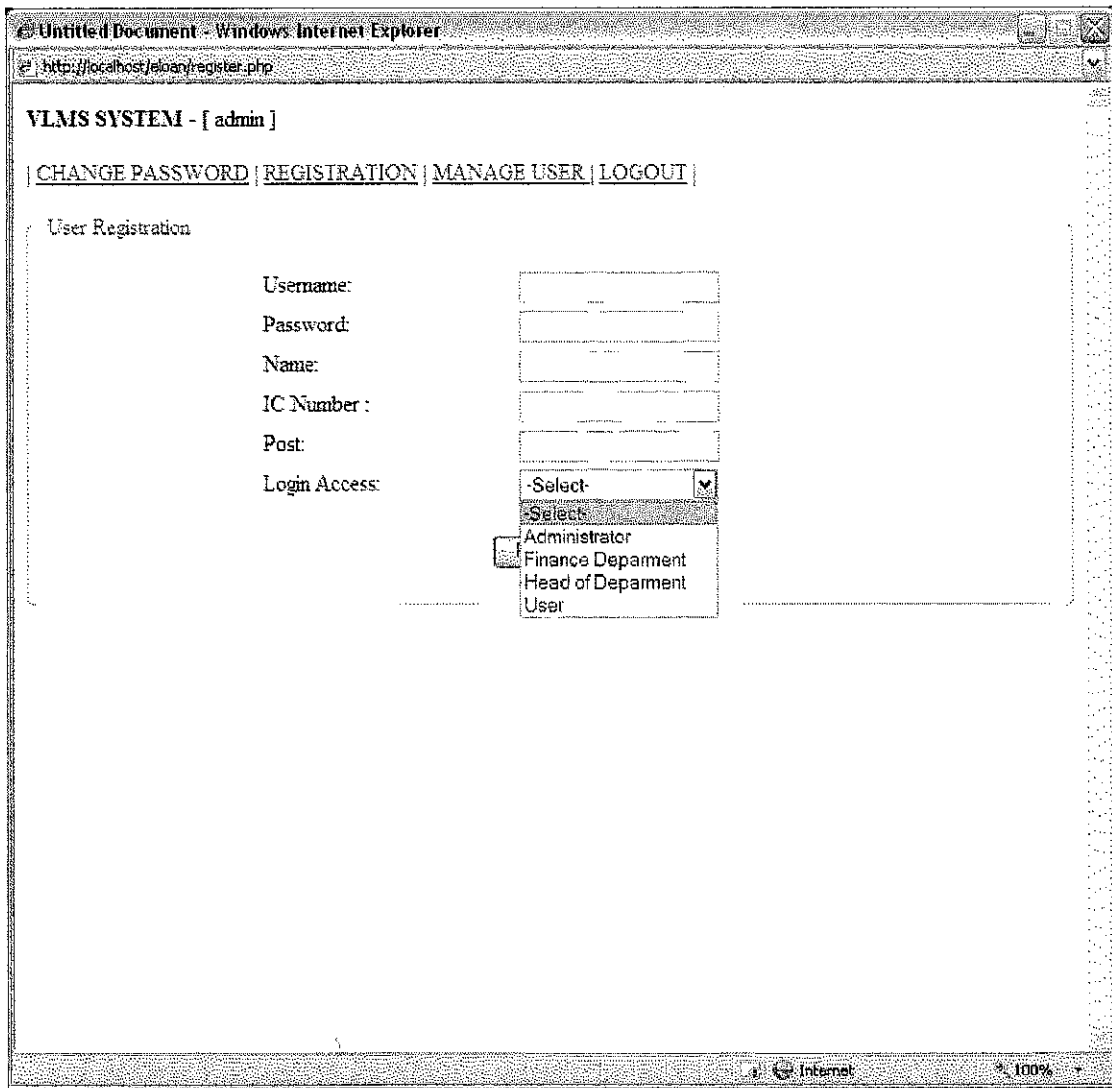


Figure 7: Registration Page

The administrator (a person in Treasury Department) will have the authority to register users and applicant according to their access. When the applicant pays the registration fee, the administrator will register in the system and will give them the username/pin number and password to them. As shown in Figure 8 the access type that is registered in the system are administrator, finance, head of department and user/applicant. This information will be saved in the database for future references. The administrator will have the authority to check and delete the registration information via 'Manage Data Menu' if any error of registration occurs.

http://localhost/loan/form_1.php - Windows Internet Explorer
http://localhost/loan/form_1.php

VLMS SYSTEM - [user]

[CHANGE PASSWORD](#) | [APPLY LOAN](#) | [LOGOUT](#)

Loan Application - Personal Info

PERMOHONAN PEMBIAYAAN UNTUK MEMBELI KENDERAAN BAGI PEGAWAI KERAJAAN
Borang 1 / 4

[Form1](#) [Form2](#) [Form3](#) [Form4](#) [Confirmation](#) [Status](#)

No Borang: user

Nama Penuh: aa

No Kad Pengenalan: a

Tarikh Lahir: a

Umur: a

Alamat: a

No Telefon: a

E-mel: a

Internet 100%

Figure 8: Applicant Form

When the applicant got their pin number, for the first time login, they will have to change their password for security reason. Then they can access their digital application forms and fill the form accordingly as shown in Figure 8. The system will done an error checking to the form to detect any blanks and non numeric for numeric fields.

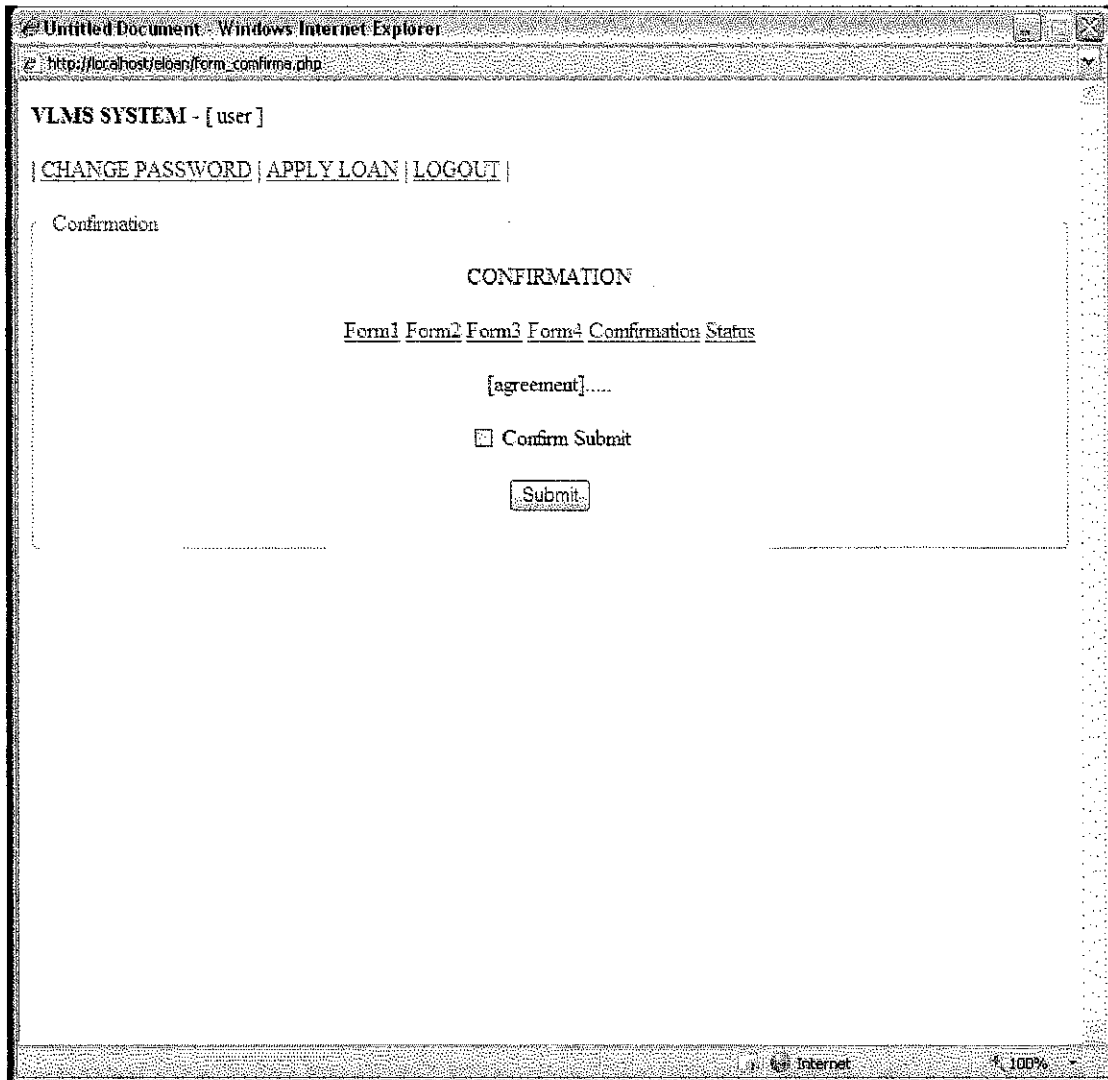


Figure 9: Application Confirmation Form

After the applicant has filled out the forms accordingly, as shown in Figure 9 they will have to confirm that all the information filled in the form is true. After the applicants confirm their form, only then the information will be processed by the finance. If the applicant did not confirm the form, the form will be set as not completed and will not be processed until it is confirmed. After the applicants confirm the form, they can not alter any data within the form anymore and can only view the data. They also can check their application status in the status page. They will be able to track their application process anytime they want and by this method they will not have to go down to the department to ask the status of their application.

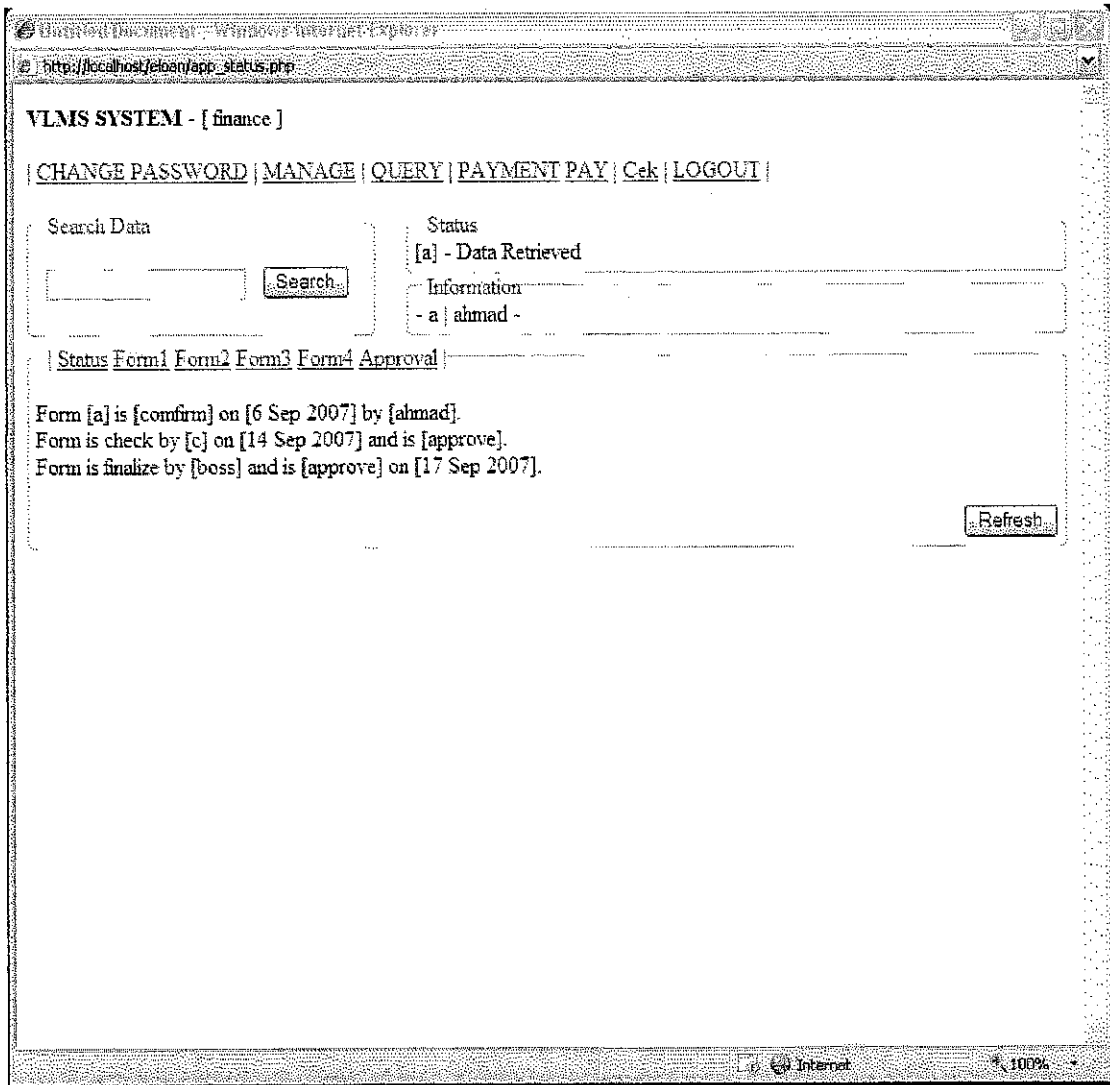


Figure 10 Finance Access Page – Manage Form Data

For the finance access, the system will show several menus for the finance's user. The access granted to the finance is to manage the application forms, to query any information needed within a 'Click', and to manage payment information when the application is approved by the head of department as shown in Figure 10.

The user can see the status of the form immediately after they enter the manage menu. This can speed up the data enquiry and also can know the person who manages the form beforehand.

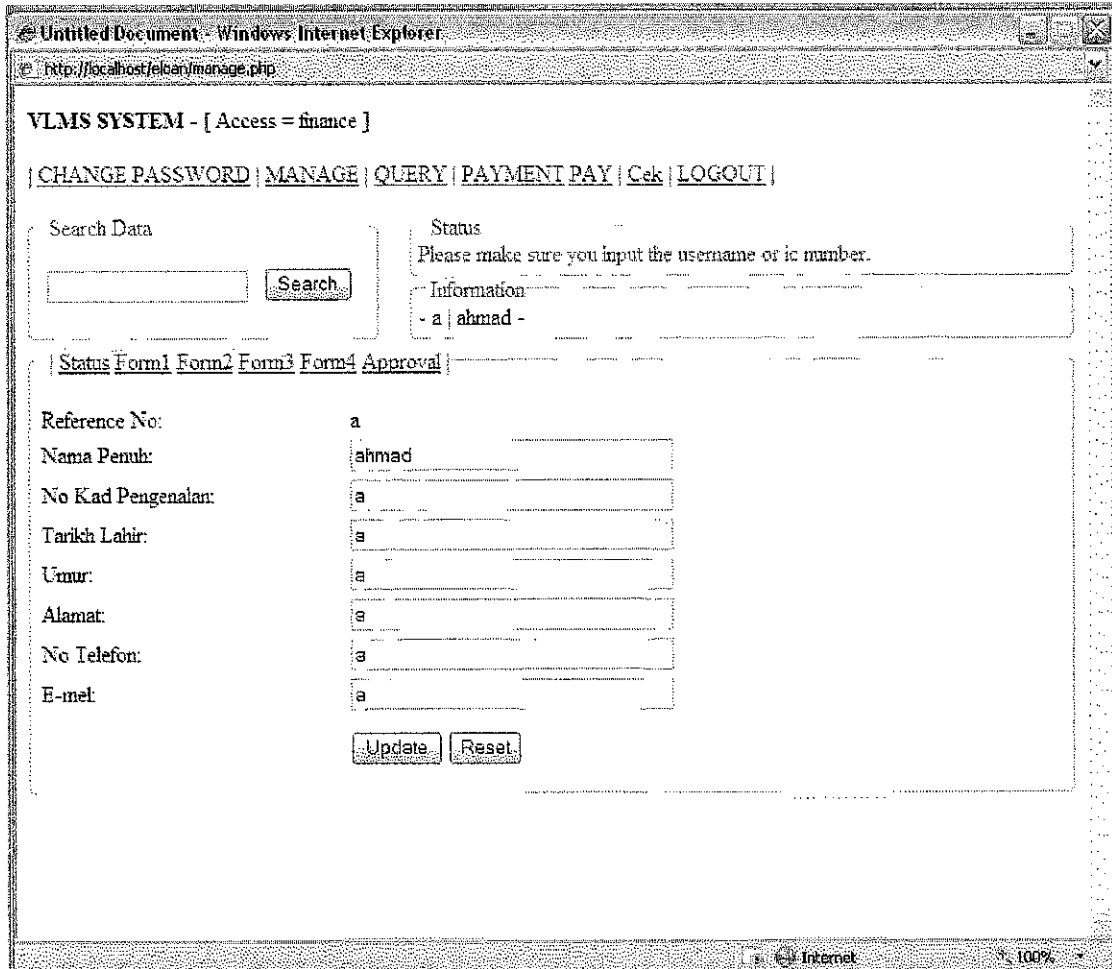


Figure 11: Finance Access Page – Managing Applicant Form

The user can view the form data and also can update the data if it is required. The user can just enter the required pin number to update the specific form and approve the form before the head of department can finalize the approval as shown in Figure 11.

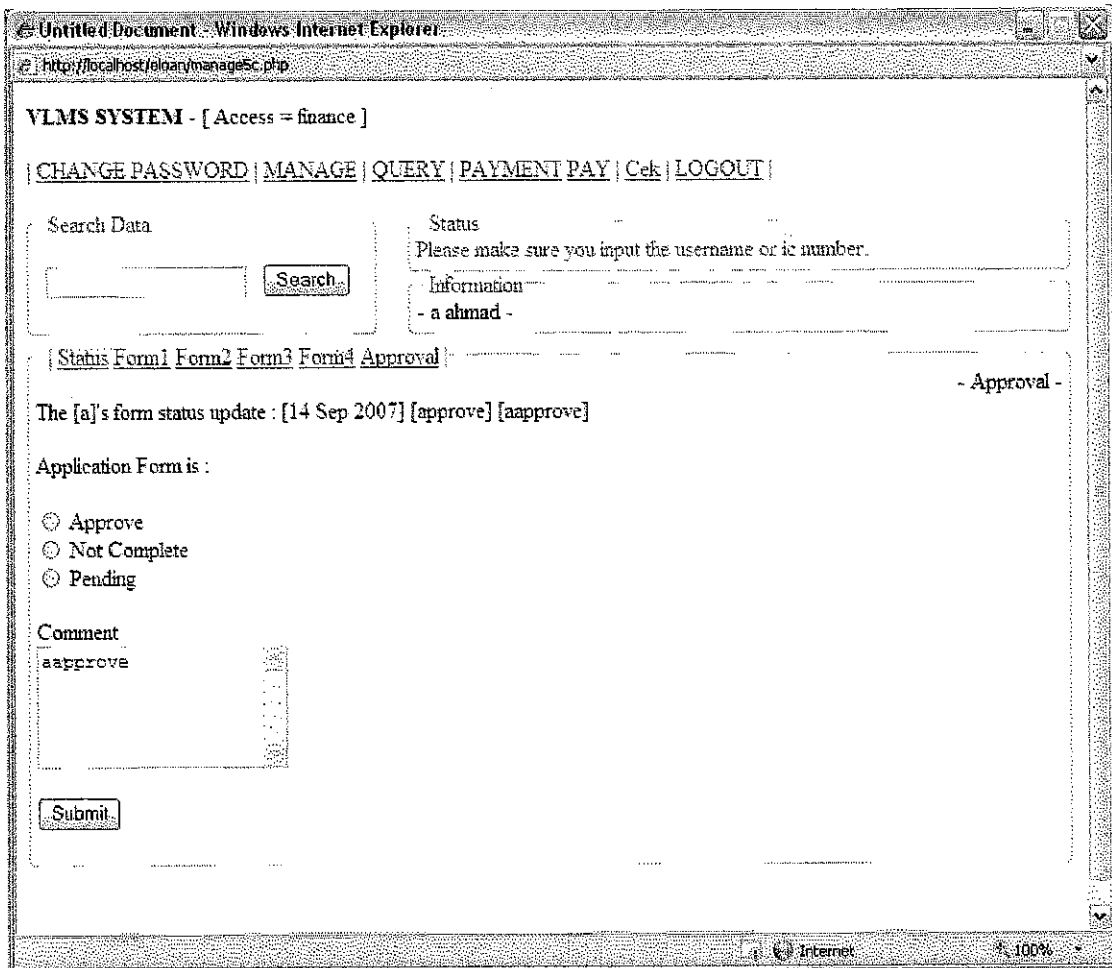


Figure 12: Finance Access Page – Approving the Form

Figure 13 shows the approval page for the finance access's user. The user will have to state whether the application form is approve, not complete or pending and can state any comment. The system will update this approval information to the applicant's status page so they know whether their application form is in the right track.

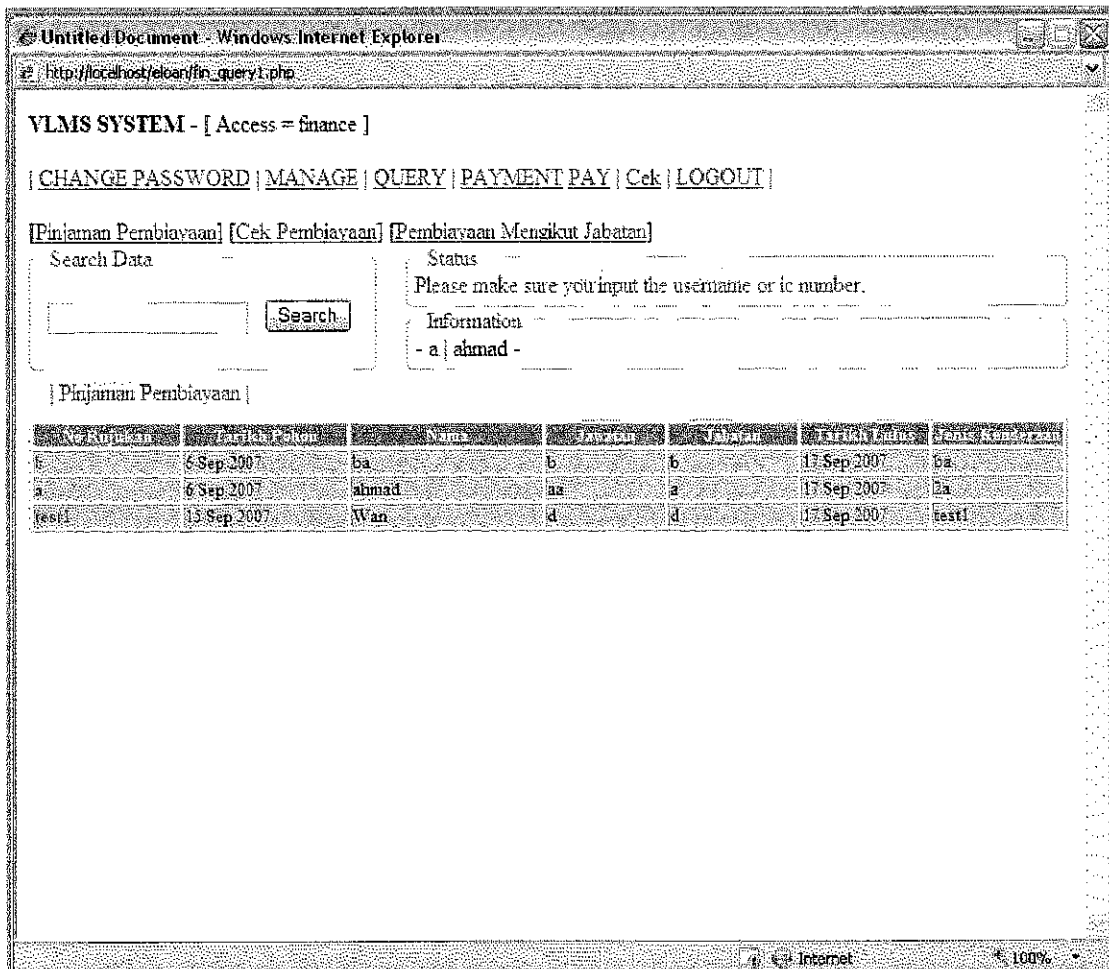


Figure 13: Finance Access Page – Querying Information

In the 'Query Page' as shown in Figure 13 the finance access's user can view all the application that is registered in the database. They can use this page for printing purposes and also they can search any specific application they need to know about. The 'Query Page' is divided into three submenus which are developed to cater the client requirement for their query issues.

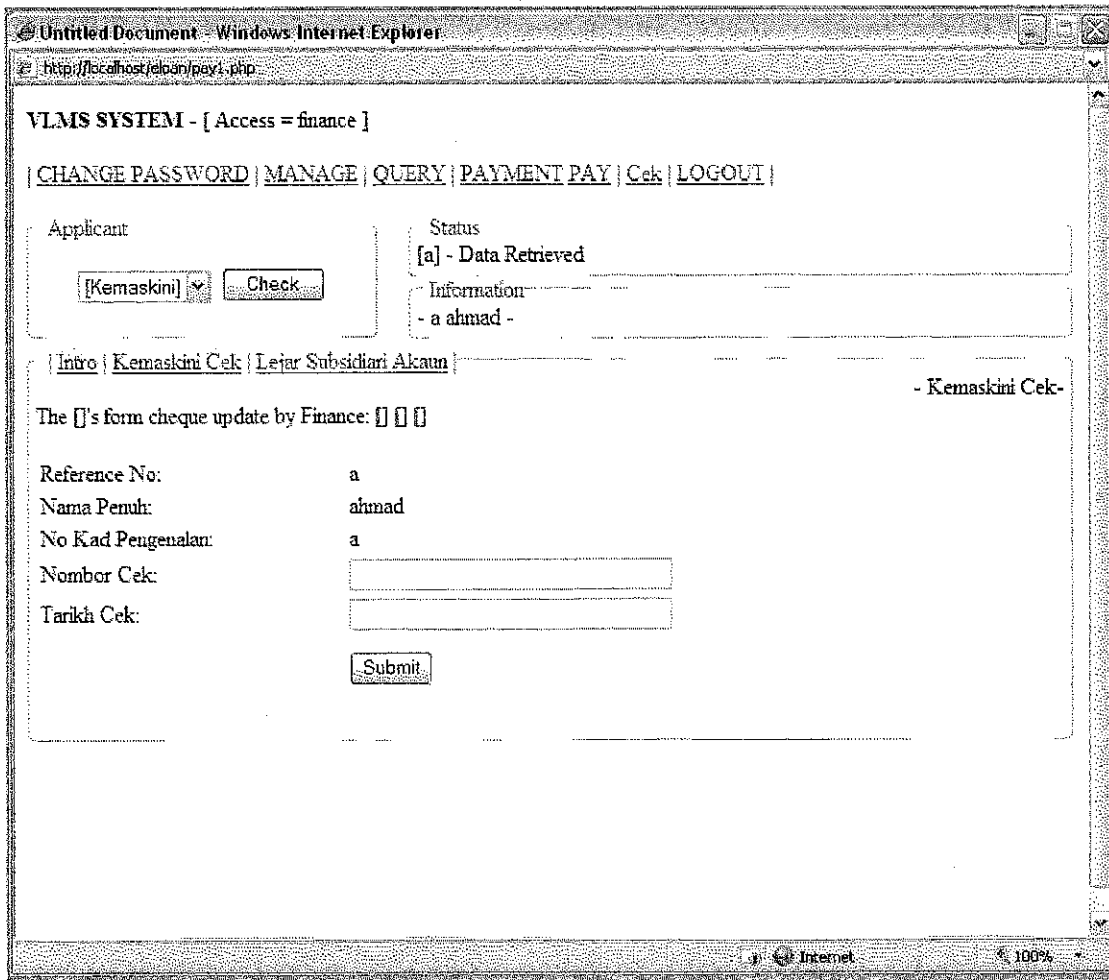


Figure 14: Finance Access Page – Payment Information

Figure 14 shows the 'Payment Page' where the finance access's user to manage the payment process. When the application is approved by the head of department, the finance departments will issues a cheque to for the applicant. So the finance access's user will have to key in the cheque information in the system for references. After that the system user will have to manage the monthly payment process to keep track the payment required.

This 'Payment Page' is developed to cater the time consuming problem to handle the applicant query about their payment information.

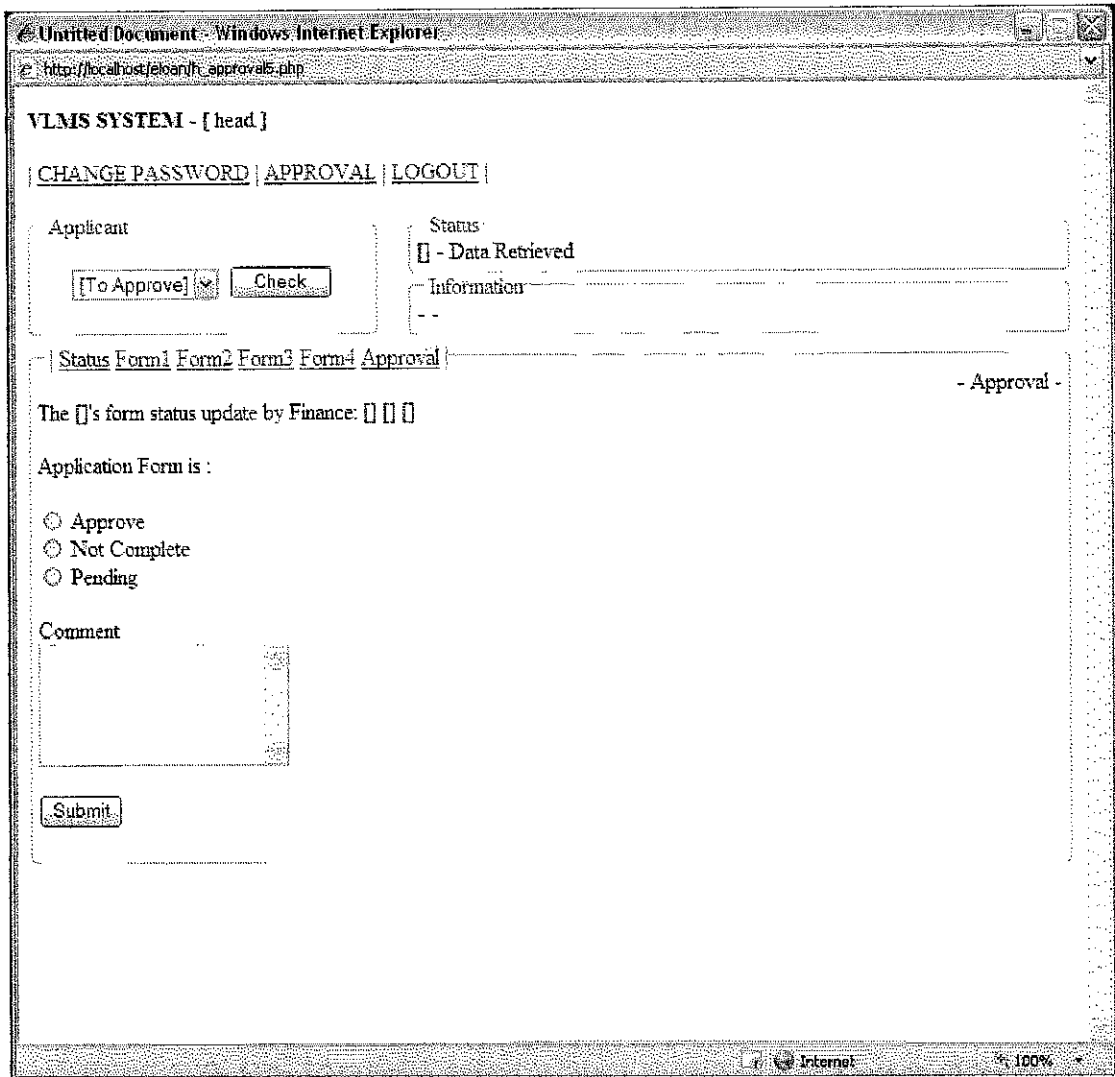


Figure 15: Head of Department Access Page – Finalize Approval

After the finance has approve the forms, the head of department can only view the applicant forms for approval process and he or she will then have to validate the form whether the application can be approved or not as shown in Figure 15. The head of department approval will lead to the finance department issuing cheque for the applicant.

CHAPTER 5

CONCLUSION

The main goal of developing the system is to reduce the problems of manual loan management. With the system capability the limitation can be overcome and by taking advantage of all the availability of various tools and guidelines the project can be accomplished. The need for a better system in managing the vehicle loans can be offered with the development of this project.

Developing this system can cater the problem of managing the vehicle loan for the benefit of both parties (the servant & the management team). By the development of the system, the system can help to ease the management of the loan as there are currently 6000 people serving Kelantan state. More over, the system can easily generate figures for accountancy used with reliable and efficiently method.

The system application technologies are seen as an opportunity to improve conventional methods in handling certain tasks. The proposed system will act as an agent for the users to use as assisting tools that can be rely on for reliability and efficiency of data.

REFERENCES

- Allnock, D., Tunstill, J. et al. (2005): Implementing Sure Start Local Programmes: An In-Depth Study Part Two - A Close Up on Services - A synthesis of data across the Implementation Module (2002-2004)
<http://www.ness.bbk.ac.uk/documents/Activities/implementation/862.pdf>
- Alexandra Dorfler: Business Process Modelling and Help Systems as Part of KM in E-government, IFIP 2003.
- Bhatta, G. (2003), "Don't just do something, stand there! - Revisiting the Issue of Risks in Innovation in the Public Sector", The Innovation Journal
- Borins, S. (2001): The Challenge of Innovating in Government, The PricewaterhouseCoopers Endowment for The Business of Government, February 2001
- Christensen, T. and Lærgreid, P. (2001): New Public Management: the Transformation of Ideas and Practice. Aldershot: Ashgate
- European-Commission, eGovernment Unit (Unit C6): About eGovernment.
http://europa.eu.int/information_society/programmes/egov_rd/about_us/text_en.htm
(2003)
- Hornby, A S, 2000, Oxford Advanced Learner Dictionary <Dictionary.com >
- Kraemer, K., and King, J.L. (2003): Information Technology and Administrative Reform: will the time after eGovernment be different? Centre for Research on Information Technology and Organisations, University of California, Irvine.

Kamarck, E. C. (2004): Government Innovation around the World, Ash Institute for Democratic Governance and Innovation, John F. Kennedy School of Government, Harvard University, November 2004

Mulgan, G. and Albury, D. (2003): Innovation in the Public Sector, Strategy Unit, Cabinet Office, October 2003

Marchionini, G., Samet, H., Brandt, L.: Introduction to the SPECIAL ISSUE: Digital government. Communications of the ACM 46 (2003) 24–67

Rie Shigetomi, Akira Otsuka, Takahide Ogawa, Hideki Imai: An Anonymous Loan System Based on Group Signature Scheme, Springer-Verlag Berlin Heidelberg 2002.

Sean Coyle (2005): Delivering Result through Collaboration: Bearing Point
<http://www.bearingpoint.com/portal/binary/com.epicentric.contentmanagement.servlet.ContentDeliveryServlet/published/pdfs/public/C49_major_us_bank_cs.pdf>

Surat Pekeliling Perbendaharaan Bil. 9 2000: Pindaan Had Kelayakan Pinjaman Membeli Kenderaan. <http://www.treasury.gov.my>

APPENDIX

```

                                app_status.php
DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
tp://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
xml xmlns="http://www.w3.org/1999/xhtml">
ead>
eta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
file>Untitled Document</title>
ript type="text/JavaScript">
-
ction MM_goToURL() { //v3.0
r i, args=MM_goToURL.arguments; document.MM_returnValue = false;
r (i=0; i<(args.length-1); i+=2) eval(args[i]+".location='"+args[i+1]+'");
>
cript>
ead>

ody><?php
$time = time();

Check if there is a cookie, if there isn't then exit!
(!isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
    ?> <a href="">Login</a>
}

}php
exit;

If there is a cookie, validate the cookie
se {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passcookie = $cookie_info[1];

                //echo "Your Reference Number: $namecookie <br><br>";

                require_once("functions.php");
                menu();

        ?>
ble width="762" border="0" cellpadding="0" cellspacing="0">
--DWLayoutTable-->
tr>
  |
```

```

</label>
</form>
</fieldset></td>
<td width="23" height="39">&nbsp;&nbsp;&nbsp;</td>
<td width="484" valign="top"><fieldset>
<legend>Status</legend>

<?php

$search = $_POST['search'];

$query0 = mysql_query("SELECT * FROM grabdata");
$search1 = mysql_result($query0,0,0);

$query1 = mysql_query("SELECT * FROM approval WHERE refno = '$search1' ");
$refno = mysql_result($query1,0,0);
$fapprove = mysql_result($query1,0,1);
$fdate_approve = mysql_result($query1,0,2);
$fwho = mysql_result($query1,0,3);
$fcomment = mysql_result($query1,0,4);
$shapprove = mysql_result($query1,0,5);
$shdate_approve = mysql_result($query1,0,6);
$shwho = mysql_result($query1,0,7);
$shcomment = mysql_result($query1,0,8);

// Get details of files from Database and put them in variables
// Get details of user from Database and put them in variables - Form 1/4
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$search1' OR icno = '$search1' OR refno = '$search1' OR icno = '$search1'");
$refno = mysql_result($query,0,0);
$nama = mysql_result($query,0,1);
$icno = mysql_result($query,0,2);
$dob = mysql_result($query,0,3);
$umur = mysql_result($query,0,4);
$alamat = mysql_result($query,0,5);
$tel = mysql_result($query,0,6);
$email = mysql_result($query,0,7);
// Get detail - Form 2/4
$nostaf = mysql_result($query,0,8);
$jawatan = mysql_result($query,0,9);
$gred = mysql_result($query,0,10);
$staraf = mysql_result($query,0,11);
$skim = mysql_result($query,0,12);
$kementarian = mysql_result($query,0,13);
$jabatan = mysql_result($query,0,14);
$alamatkerja = mysql_result($query,0,15);
$starikhkerja = mysql_result($query,0,16);
$gaji = mysql_result($query,0,17);
$selamun = mysql_result($query,0,18);
// Get detail - Form 3/4
$skenderaan = mysql_result($query,0,19);
$smodel = mysql_result($query,0,20);
$silinder = mysql_result($query,0,21);
$snochasis = mysql_result($query,0,22);
$snoenjin = mysql_result($query,0,23);
$nodaftar = mysql_result($query,0,24);
$shargabersih = mysql_result($query,0,25);
$skondisi = mysql_result($query,0,26);
//Get detail - Form 4/4

```


app_status.php

```

    $biayamaks = mysql_result($query,0,27);
    $biayapohon =
    $tempohbayar =
    $lastloandate =
    $loanamount =
    $noakaunloan =
    $comfirm = mysql_result($query,0,33);
    $tarikhpohon = mysql_result($query,0,34);

    $idindb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR
o = '$search' OR refno = '$search1' OR icno = '$search1' ");
    $isidindb = mysql_num_rows($idindb);

    if ($search == ""){
    echo "<font color='red'>Please make sure you input the username or ic number.</font>";
    } else
    if ($isidindb == 0){
    echo "<font color='red'>The File Does Not Exist</font>";
    }else if ($comfirm == ""){
    mysql_query("DELETE FROM grabdata");
    echo "<font color='red'>Form is not Comfirm Yet.</font>";
    } else {
    echo"[$refno] - Data Retrieved";
    mysql_query("DELETE FROM grabdata");
    mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");
    }

    ?>

</fieldset></td>
</tr>
</tr>
<td height="25">&nbsp;</td>
<td valign="top"><fieldset><legend>Information </legend>
<?php echo"- $refno | $nama -"; ?>
</fieldset></td>
</tr>
</tr>
<td height="6"></td>
<td></td>
<td></td>
</tr>
</tr>
<td height="58" colspan="3" valign="top"><form action="app_status.php" method="POST">
    <fieldset>
    <legend>| <?php finenu2(); ?> |</legend>
    <br>
    Form [<?php echo"$refno"; ?>] is [<?php echo"$comfirm"; ?>] on [<?php echo"$tarikhpohon"; ?>]
[<?php echo"$nama"; ?>].<br>
    Form is check by [<?php echo"$fwho"; ?>] on [<?php echo"$fdate_approve"; ?>] and is [<?php
io"$fapprove"; ?>].<br>
    Form is finalize by [<?php echo"$hwho"; ?>] and is [<?php echo"$happrove"; ?>] on [<?php
```

```
no"$hdate_approve", ?>].<br>
    <p align="right">
        <label>
        <input type="submit" name="Submit2" value="Refresh" />
        </label>
    </p>
</fieldset>
</form></td>
</tr>
<tr>
<td height="63">&nbsp;&nbsp;&nbsp;</td>
<td></td>
<td></td>
</tr>
</table>
php

// If user and password are not correct print error message
}
else {
    echo "Incorrect username/password";
    exit;
}

body>
html>
```

```

change_pass.php
!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body>
<script>
<php
time = time();

Check if there is a cookie, if there isn't then exit!
(isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
exit;

If there is a cookie, validate the cookie
else {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode(".", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passwordcookie = $cookie_info[1];

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$result = mysql_result($query,0,0); // Reference Number

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$result = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);

require_once("functions.php");
menu();

<table border="1" width="762" border="0" cellpadding="0" cellspacing="0">
<tr>
<td colspan="2" style="text-align:center">Change Password </td>
</tr>
<tr>
<td style="width:161px; height:24px">&nbsp;</td>
<td style="width:185px; height:24px; vertical-align:top">New Password:</td>
<td style="width:246px; height:24px; vertical-align:top"><input type="password" name="newpass" /></td>
<td style="width:150px; height:24px">&nbsp;</td>
</tr>
<tr>
<td style="width:161px; height:24px">&nbsp;</td>
<td style="width:185px; height:24px; vertical-align:top">Comfirm New Password:</td>
<td style="width:246px; height:24px; vertical-align:top"><input type="password" name="comfirmpass" /></td>
<td style="width:150px; height:24px">&nbsp;</td>
</tr>
</table>
<div align="center"><input type="submit" name="Submit" value="Change Password" /></div></form>

```

change_pass.php

```
/fieldset></td>
tr>
<
td height="57">&nbsp;</td>
tr>
table>
body>

/ If user and password are not correct print error message
{
else {
echo "Incorrect username/password";
exit;
}

body>
html>
```

```

cheque.php
)DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
ml xmlns="http://www.w3.org/1999/xhtml">
:ad>
eta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
le>Untitled Document</title>
ead>

:dy><?php
ime = time();

Check if there is a cookie, if there isn't then exit!
(!isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
exit;

If there is a cookie, validate the cookie
se {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

    // Use cookie and Extract the cookie data (Username and Password)
    $cookie_info = explode("-", $_COOKIE['cookie_info']);
    $namecookie = $cookie_info[0];
    $passcookie = $cookie_info[1];

    // Get details of user from Database and put them in variables
    $query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
    $refno = mysql_result($query,0,0); // Reference Number

        // Get details of user from Database and put them in variables
    $query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
    $username = mysql_result($query,0,0);
        $password = mysql_result($query,0,1);
        $access = mysql_result($query,0,2);

        require_once("functions.php");
        menu();
        paymenu1();

ble width="762" border="0" cellpadding="0" cellspacing="0">
--DWLayoutTable-->
r>
:td width="255" rowspan="2" valign="top"><fieldset>
:legend>Applicant</legend><form name="form1" method="post" action="cheque.php">
<div align="center">
<p><select name="search">
<?php

include("connect.php");
$queryprove = "SELECT * FROM approval WHERE happrove = 'approve'";
$result = mysql_query($queryprove);
echo "<option selected>[Pilih Data]</option>";
while($row = mysql_fetch_array($result))
{
    $refno = $row[0];
    echo "<option>$refno</option>";
}

?>

</select>
&nbsp;<input type="submit" name="Submit" value=" Check " >
</p>
</div>
/form>
/fieldset></td>
:td width="23" height="39">&nbsp;</td>

```

```
id width="484" valign="top"><fieldset>
<legend>Status</legend>
```

```
<?php
```

```
$search = $_POST['search'];
```

```
$query0 = mysql_query("SELECT * FROM grabdata");
$search1 = mysql_result($query0,0,0);
```

```
// Get details of files from Database and put them in variables
```

```
/ Get details of user from Database and put them in variables - Form 1/4
```

```
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$search1' OR icno = '$search1' OR refno = '$search' OR icno = '$search'");
```

```
$refno = mysql_result($query,0,0);
```

```
$nama = mysql_result($query,0,1);
```

```
$icno = mysql_result($query,0,2);
```

```
$dob = mysql_result($query,0,3);
```

```
$umur = mysql_result($query,0,4);
```

```
$alamat = mysql_result($query,0,5);
```

```
$stel = mysql_result($query,0,6);
```

```
$email = mysql_result($query,0,7);
```

```
// Get detail - Form 2/4
```

```
$nostaf = mysql_result($query,0,8);
```

```
$jawatan = mysql_result($query,0,9);
```

```
$gred = mysql_result($query,0,10);
```

```
$staraf = mysql_result($query,0,11);
```

```
$skim = mysql_result($query,0,12);
```

```
$kementerian = mysql_result($query,0,13);
```

```
$jabatan = mysql_result($query,0,14);
```

```
$salamatkerja = mysql_result($query,0,15);
```

```
$tarikhkerja = mysql_result($query,0,16);
```

```
$gaji = mysql_result($query,0,17);
```

```
$selaun = mysql_result($query,0,18);
```

```
// Get detail - Form 3/4
```

```
$kendaraan = mysql_result($query,0,19);
```

```
$model = mysql_result($query,0,20);
```

```
$sylinder = mysql_result($query,0,21);
```

```
$nochasis = mysql_result($query,0,22);
```

```
$noenjin = mysql_result($query,0,23);
```

```
$nodaftar = mysql_result($query,0,24);
```

```
$hargabersih = mysql_result($query,0,25);
```

```
$kondisi = mysql_result($query,0,26);
```

```
//Get detail - Form 4/4
```

```
$biayamaks = mysql_result($query,0,27);
```

```
$biayapohon = mysql_result($query,0,28);
```

```
$tempohbayar = mysql_result($query,0,29);
```

```
$lastioandate = mysql_result($query,0,30);
```

```
$loanamount = mysql_result($query,0,31);
```

```
$noakaunloan = mysql_result($query,0,32);
```

```
$confirm = mysql_result($query,0,33);
```

```
$tarikhpohon = mysql_result($query,0,34);
```

```
$idindb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR icno = '$search' OR refno = '$search1' OR icno = '$search1'");
```

```
$sidindb = mysql_num_rows($idindb);
```

```
if ($search == ""){
```

```
echo "<font color='red'>Please make sure you input the username or ic number.</font>";
```

```
} else
```

```
if ($sidindb == 0){
```

```
echo "<font color='red'>The File Does Not Exist</font>";
```

```
} else {
```

```
echo"[$refno] - Data Retrieved";
```

```
mysql_query("DELETE FROM grabdata");
```

```
mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");
```

```
}
```

```
?><?php
```

```
$cek = $_POST['cek'];
```

```
$tcek = $_POST['tcek'];
```

```
$date = date("j M Y");
```

```

cheque.php
$query1 = mysql_query("SELECT * FROM payment WHERE refno = '$search1' ");
$refnoo = mysql_result($query1,0,0);
$cek = mysql_result($query1,0,1);
$stcek = mysql_result($query1,0,2);
$whoedit = mysql_result($query1,0,3);

$sisidindb2 = mysql_num_rows($query1);

/* if ($confirm == 'confirm'){
echo"The [$refnoo]'s form status update : [$fdate_approve] [$fapprove] [$fcomment]";
}else{
echo"The form status update : Not Confirm Yet";
} */

if ($sisidindb2 != 0 && $cek != ""){
echo"ok";
mysql_query ("UPDATE payment SET nocek = '$cek',tarcek = '$stcek', whoedit = '$namecookie' WHERE refno = '$search1'");

}else if ($cek != ""){
echo"data not in db so insert";
mysql_query("INSERT INTO payment VALUES ('$search1','$cek','$stcek','$namecookie'");
}else{
echo"No Input";
}??
}

</fieldset></td>
</tr>
</tbody>
</table>
<td height="25">&nbsp;</td>
<td valign="top"><fieldset><legend>Information </legend>
<?php echo"- $refno | $nama -"; ?>
</fieldset></td>
</tr>
</tbody>
</table>
<td height="6"></td>
</td></td>
</tr>
</tbody>
</table>
<td height="58" colspan="3" valign="top">
<fieldset>
<legend>| Kemaskini Cek |</legend>
<br>
<form id="form2" name="form2" method="post" action="cheque1.php"><?php
Display User Details
<table border="0" width="100%" id="table1" height="0">
<tr>
<td width="30%"> Reference No:</td>
<td width="70%"> $refno</td>
</tr>
<tr>
<td> Nama Penuh:</td>
<td> $nama</td>
</tr>
<tr>
<td> No Kad Pengenalan:</td>
<td> $icno</td>
</tr>
<tr>
<td> Nombor Cek:</td>
<td> <input type="text" name="cek" value="$nocek" size="35" maxlength="35"/></td>
</tr>
<tr>
<td> Tarikh Cek:</td>
<td> <input type="text" name="tcek" value="$tarcek" size="35" maxlength="35"/></td>
</tr>
<tr>
<td height="44">&nbsp;</td>
<td height="44"><input type="submit" value="Submit">
</td>
</tr>
</table>;
</form></fieldset>

```

cheque.php

```
        <form action="cheque.php" method="POST">
        <p align="right">
        <label>
        <input type="submit" name="Submit2" value="Refresh" />
        </label>
        </p>
```

```
</form></td>
<tr>
<td height="63">&nbsp;</td>
<td></td>
<td></td>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</table>
</body>
```

```
// If user and password are not correct print error message
}
else {
    echo "Incorrect username/password";
    exit;
}
```

```
</body>
</html>
```


chequemenu.php

```

!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
ml xmlns="http://www.w3.org/1999/xhtml">
ad>
sta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
le>Untitled Document</title>
ead>

ody><?php
ime = time();

Check if there is a cookie, if there isn't then exit!
(isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
?> <a href="">Login</a>
!php
;

If there is a cookie, validate the cookie
se {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

    // Use cookie and Extract the cookie data (Username and Password)
    $cookie_info = explode("-", $_COOKIE['cookie_info']);
    $namecookie = $cookie_info[0];
    $passcookie = $cookie_info[1];

    // Get details of user from Database and put them in variables
    $query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
    $refno = mysql_result($query,0,0); // Reference Number

        // Get details of user from Database and put them in variables
    $query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
    $username = mysql_result($query,0,0);
        $password = mysql_result($query,0,1);
        $access = mysql_result($query,0,2);

        require_once("functions.php");
        menu();
        paymenu1();

?>php

// If user and password are not correct print error message
}
else {
    echo "Incorrect username/password";
    exit;
}

ody>
tml>

```

```

                                chpassact.php
DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body>

<script>
require_once("functions.php");
                                menu();

include ("connect.php");

//use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$password = $cookie_info[1];
Variables that data come from the form
$newpass = $_POST["newpass"];
$confirmpass = $_POST["confirmpass"];

$change = strcmp($newpass,$password);

        ?><fieldset><legend>Status</legend><?php if ((!$newpass) || (!$confirmpass)) {
        echo "<br>You didn't submit the following required information to change your password:<br><br>";

                if (!$newpass) {
        echo "[New Password]<br>";
                }
                if (!$confirmpass) {
        echo "[Confirm New Password]<br>";
        } ?><br><a href="javascript:history.back(-1);">Back</a><?php
                }else
                if ($newpass != $confirmpass){
        echo "Your new password not match the confirm password";
        ?><a href="javascript:history.back(-1);">Back</a><?php
                } else
                { echo "Password Updated<BR>";

// Insert new value to database
mysql_query ("UPDATE user SET password = '$newpass' WHERE username = '$namecookie'");
$password = $newpass; // Update old value on this page

                // Say that user is logged out
                $loggedout = true;
                                // Delete the cookie
                setcookie ("cookie_info", "", $time - 3600);
        ?>You must <a href="index2.php">ReLogin.</a><?php exit(); }

</fieldset></body>
</html>

```

connect.php

!hp

```
*****  
Connect to MySQL Server *  
*****/
```

```
$h=mysql_connect ("localhost", "root", "dah7717") or die ("I cannot connect to the database because: ". mysql_error());  
sql_select_db ("fyp");
```

```

                                fin_query.php
DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body><?php
time = time();

Check if there is a cookie, if there isn't then exit!
(isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
?> <a href="">Login</a>
</body>
;

If there is a cookie, validate the cookie
else {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode(".", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passwordcookie = $cookie_info[1];

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$result = mysql_result($query,0,0); // Reference Number

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);

require_once("functions.php");
menu();
menuquery();

</?php

// If user and password are not correct print error message
}
else {
echo "Incorrect username/password";
exit;
}

</body>
</html>

```

fin_query1.php

```
DOCTYPE html PUBLIC "-//W3C/DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>
```

```
<body><?php
$time = time();
```

```

Check if there is a cookie, if there isn't then exit!
if (!isset($_COOKIE['cookie_info'])) {
    echo "Cannot access this page: You aren't logged in";
    ?> <a href="">Login</a>
```

```
<?php
exit;
```

```

If there is a cookie, validate the cookie
else {
```

```

// Use Connect Script
include("connect.php");
```

```

// Include the validation of user file
include("validateuser.php");
```

```

// If user and password are correct
if (validateuser() == true) {
```

```

    // Use cookie and Extract the cookie data (Username and Password)
    $cookie_info = explode("-", $_COOKIE['cookie_info']);
    $namecookie = $cookie_info[0];
    $passcookie = $cookie_info[1];
```

```

        //echo "Your Reference Number: $namecookie <br><br>";
```

```

        require_once("functions.php");
        menu();
        menuquery();
```

```
    ?>
```

```
<table border="1" width="762" border="0" cellpadding="0" cellspacing="0">
<tr>
```

```
<td width="254" rowspan="2" valign="top"><fieldset>
<legend>Search Data </legend><form id="form1" name="form1" method="post" action="fin_query1.php">
<input type="text" name="search" />
</form>
</td>
```

```
<td width="22" height="39">&nbsp;</td>
<td width="484" valign="top"><fieldset>
<legend>Status </legend>
</td>
```

```
</tr>
</table>
```

```
<?php
```

```

$search = $_POST['search'];
```

```

$query0 = mysql_query("SELECT * FROM grabdata");
$search1 = mysql_result($query0,0,0);
```

```

// Get details of files from Database and put them in variables
```

```
// Get details of user from Database and put them in variables - Form 1/4
```

```
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$search1' OR icno = '$search1' OR refno = '$search' OR icno = '$search'");
$name = mysql_result($query,0,0);
$nama = mysql_result($query,0,1);
$icno = mysql_result($query,0,2);
$dob = mysql_result($query,0,3);
$umur = mysql_result($query,0,4);
$salamat = mysql_result($query,0,5);
$stet = mysql_result($query,0,6);
```

```

                                fin_query1.php
$semail = mysql_result($query,0,7);
// Get detail - Form 2/4
$snostaf = mysql_result($query,0,8);
$sjawatan = mysql_result($query,0,9);
$sgred = mysql_result($query,0,10);
$staraf = mysql_result($query,0,11);
    $sskim = mysql_result($query,0,12);
    $skementarian = mysql_result($query,0,13);
    $sjabatan = mysql_result($query,0,14);
    $salamatkerja = mysql_result($query,0,15);
    $starikhkerja = mysql_result($query,0,16);
    $sgaji = mysql_result($query,0,17);
    $selaun = mysql_result($query,0,18);
    // Get detail - Form 3/4
    $skenderaan = mysql_result($query,0,19);
    $smodel = mysql_result($query,0,20);
    $silinder = mysql_result($query,0,21);
    $snochasis = mysql_result($query,0,22);
    $snoenjin = mysql_result($query,0,23);
    $snodaftar = mysql_result($query,0,24);
    $shargabersih = mysql_result($query,0,25);
    $skondisi = mysql_result($query,0,26);
    //Get detail - Form 4/4
    $sbiayamaks = mysql_result($query,0,27);
        $sbiayapohon = mysql_result($query,0,28);
        $stempohbayar = mysql_result($query,0,29);
        $slastoandate = mysql_result($query,0,30);
        $sloanamount = mysql_result($query,0,31);
        $snoakaunloan = mysql_result($query,0,32);
    $scomfirm = mysql_result($query,0,33);
    $starikhpohon = mysql_result($query,0,34);

    $sidindb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR icno = '$search' OR refno =
:arch1' OR icno = '$search1' ");
    $sisidindb = mysql_num_rows($sidindb);

    if ($search == ""){
echo "<font color='red'>Please make sure you input the username or ic number.</font>";
    } else
    if ($sisidindb == 0){
echo "<font color='red'>The File Does Not Exist</font>";
    } else {
echo "[ $refno ] - Data Retrieved";
mysql_query("DELETE FROM grabdata");
mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");
    }
}

?>
</fieldset></td>
<td width="2"></td>
<tr>
<td height="39">&nbsp;</td>
<td valign="top"><fieldset>
<legend>Information</legend>

<?php echo"- $refno | $nama -"; ?>
</fieldset></td>
<td></td>
<tr>
<td height="6"></td>
<td></td>
<td></td>
<td></td>
<tr>
<td height="21" colspan="3" valign="top">
<fieldset>
<legend>| Pinjaman Pembiayaan |</legend>
</fieldset></td>
<td></td>

```

fin_query1.php

```

=>
<?php
<table border="1" width="760" cellpadding="0">
<!--DWLayoutTable-->
<tr>
<td width="108" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Pin No </font></th>
<td width="121" valign="top" bgcolor="#6B6C9C"> <font color="#FFFFFF" size="2">Apply Date </font></th>
<td width="143" valign="top" bgcolor="#6B6C9C"> <font color="#FFFFFF" size="2">Name</font></th>
<td width="88" valign="top" bgcolor="#6B6C9C"> <font color="#FFFFFF" size="2">Position</font></th>
<td width="95" valign="top" bgcolor="#6B6C9C"> <font color="#FFFFFF" size="2">Company</font></th>
<td width="94" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Approval Date</font></th>
<td width="95" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Vehicle Type </font></th>
</tr>
</table>
<?php
$query3 = "SELECT app_detail.refno, app_detail.tarikhpohon, app_detail.nama, app_detail.jawatan, app_detail.jabatan, approval.hdate_approve,
_detail.kenderaan, approval.happrove FROM app_detail,approval WHERE approval.refno = app_detail.refno";
$result3 = mysql_query($query3);
$query4 = "SELECT app_detail.refno, app_detail.tarikhpohon, app_detail.nama, app_detail.jawatan,
_detail.jabatan, approval.hdate_approve, app_detail.kenderaan, approval.happrove FROM app_detail,approval WHERE approval.refno =
_detail.refno AND approval.refno = '$search'";
$result4 = mysql_query($query4);
if($search == ""){
while($row = mysql_fetch_array($result3)){

$snorujuk = $row[0];
$tarikhpohon = $row[1];
$namapohon = $row[2];
$jawatanpohon = $row[3];
$jabatanpohon = $row[4];
$tarikhhlulus = $row[5];
$jeniskenderaan = $row[6];
$happrove = $row[7];

if($happrove == 'approve'){
echo "<tr bgcolor=#FFCC99>";

echo "<td><font size='2' color = 'red'><b>$snorujuk</b>";
echo "<td><font size='2'>$tarikhpohon";
echo "<td><font size='2'>$namapohon";
echo "<td><font size='2'>$jawatanpohon";
echo "<td><font size='2'>$jabatanpohon";
echo "<td><font size='2'>$tarikhhlulus";
echo "<td><font size='2'>$jeniskenderaan";
echo "</tr>";
} }else{
while($row = mysql_fetch_array($result4)){

$snorujuk = $row[0];
$tarikhpohon = $row[1];
$namapohon = $row[2];
$jawatanpohon = $row[3];
$jabatanpohon = $row[4];
$tarikhhlulus = $row[5];
$jeniskenderaan = $row[6];
$happrove = $row[7];

if($happrove == 'approve'){
echo "<tr bgcolor=#FFCC99>";

echo "<td><font size='2' color = 'red'><b>$snorujuk</b>";
echo "<td><font size='2'>$tarikhpohon";
echo "<td><font size='2'>$namapohon";
echo "<td><font size='2'>$jawatanpohon";
echo "<td><font size='2'>$jabatanpohon";
echo "<td><font size='2'>$tarikhhlulus";
echo "<td><font size='2'>$jeniskenderaan";

```

```
fin_query1.php
    echo "<tr>";}}
    }?>
```

```
</table> </td>
<td></td>
/tr>
tr>
<td height="123">&nbsp;</td>
<td>&nbsp;</td>
<td></td>
<td></td>
/tr>
able>
php
```

```
// If user and password are not correct print error message
}
else {
    echo "Incorrect username/password";
    exit;
}
```

```
body>
html>
```



```

                                fin_query2.php
DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
ml xmlns="http://www.w3.org/1999/xhtml">
ad>
eta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
ie>Untitled Document</title>
ead>

dy><?php
$time = time();

Check if there is a cookie, if there isn't then exit!
(isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
    ?> <a href="">Login</a>

hp
exit;

If there is a cookie, validate the cookie
se {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

    // Use cookie and Extract the cookie data (Username and Password)
    $cookie_info = explode("-", $_COOKIE['cookie_info']);
    $namecookie = $cookie_info[0];
    $passcookie = $cookie_info[1];

        //echo "Your Reference Number: $namecookie <br><br>";

        require_once("functions.php");
        menu();
        menuquery();
    ?>
ble width="762" border="0" cellpadding="0" cellspacing="0">
-DWLayoutTable->
r>
td width="254" rowspan="2" valign="top"><fieldset>
gend>Search Data </legend><form id="form1" name="form1" method="post" action="fin_query1.php">
abel>&nbsp;
nput type="text" name="search" />
label>
<label>&nbsp;
<input type="submit" name="Submit" value="Search" />
label>
orm>
/fieldset></td>
td width="22" height="39">&nbsp;</td>
td width="484" valign="top"><fieldset>
legend>Status </legend>
<?php

    $search = $_POST['search'];

    $query0 = mysql_query("SELECT * FROM grabdata");
    $search1 = mysql_result($query0,0,0);

    // Get details of files from Database and put them in variables
// Get details of user from Database and put them in variables - Form 1/4
    $query = mysql_query("SELECT * FROM app_detail WHERE refno = '$search1' OR icno = '$search1' OR refno = '$search' OR icno = '$search'");
    $refno = mysql_result($query,0,0);
    $nama = mysql_result($query,0,1);
    $icno = mysql_result($query,0,2);
    $dob = mysql_result($query,0,3);
    $umur = mysql_result($query,0,4);
    $alamat = mysql_result($query,0,5);
    $stel = mysql_result($query,0,6);

```

```

                                fin_query2.php
Semail = mysql_result($query,0,7);
// Get detail - Form 2/4
$nostaf = mysql_result($query,0,8);
$jawatan = mysql_result($query,0,9);
$ged = mysql_result($query,0,10);
$staraf = mysql_result($query,0,11);
    $skim = mysql_result($query,0,12);
    $kementerian = mysql_result($query,0,13);
    $jabatan = mysql_result($query,0,14);
    $alamatkerja = mysql_result($query,0,15);
    $tarikhkerja = mysql_result($query,0,16);
    $gaji = mysql_result($query,0,17);
    $selaun = mysql_result($query,0,18);
// Get detail - Form 3/4
    $kenderaan = mysql_result($query,0,19);
    $model = mysql_result($query,0,20);
    $sylinder = mysql_result($query,0,21);
    $nochasis = mysql_result($query,0,22);
    $noenjin = mysql_result($query,0,23);
    $nodaftar = mysql_result($query,0,24);
    $hargabersih = mysql_result($query,0,25);
    $kondisi = mysql_result($query,0,26);
//Get detail - Form 4/4
    $biayamaks = mysql_result($query,0,27);
        $biayapohon = mysql_result($query,0,28);
        $tempohbayar = mysql_result($query,0,29);
        $lastloandate = mysql_result($query,0,30);
        $loanamount = mysql_result($query,0,31);
        $noakaunloan = mysql_result($query,0,32);
        $confirm = mysql_result($query,0,33);
    $tarikhpohon = mysql_result($query,0,34);

    $sidindb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR icno = '$search' OR refno =
$search1' OR icno = '$search1' ");
    $isidindb = mysql_num_rows($sidindb);

    if ($search == ""){
echo "<font color='red'>Please make sure you input the username or ic number.</font>";
    } else
    if ($isidindb == 0){
echo "<font color='red'>The File Does Not Exist</font>";
    } else {
echo "[$refno] - Data Retrieved";
mysql_query("DELETE FROM grabdata");
mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");

    }

    ?>

</fieldset></td>
<td width="2"></td>
<tr>
<td height="39">&nbsp;</td>
<td align="top"><fieldset>
<legend>Information</legend>

<?php echo"- $refno | $nama -"; ?>
</fieldset></td>
<td></td>
<tr>
<td height="6"></td>
<td></td>
<td></td>
<td></td>
<tr>
<td height="21" colspan="3" valign="top">
<fieldset>
<legend>Pinjaman Pembiayaan </legend>
</fieldset></td>
<td></td>

```

```

tr>
tr>
td height="4"></td>
td></td>
td></td>
tr>

tr>
td height="40" colspan="3" valign="top">
table border="1" width="760" cellpadding="0">
<!--DWLayoutTable-->
<tr>
<th width="108" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Pin No </font></th>
<th width="121" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Apply Date </font></th>
<th width="143" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Name</font></th>
<th width="88" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Position</font></th>
<th width="95" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Company</font></th>
<th width="94" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Approval Date</font></th>
<th width="95" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Vehicle Type </font></th>
</tr>

<?php
$query3 = "SELECT app_detail.refno, app_detail.tarikhpohon, app_detail.nama, app_detail.jawatan, app_detail.jabatan, approval.hdate_approve,
_detail.kenderaan, approval.happrove FROM app_detail,approval WHERE approval.refno = app_detail.refno";
$result3 = mysql_query($query3);
$query4 = "SELECT app_detail.refno, app_detail.tarikhpohon, app_detail.nama, app_detail.jawatan,
_detail.jabatan, approval.hdate_approve, app_detail.kenderaan, approval.happrove FROM app_detail,approval WHERE approval.refno =
_detail.refno AND approval.refno = '$search'";
$result4 = mysql_query($query4);
if($search == ""){
while($row = mysql_fetch_array($result3)){

    $snorujuk = $row[0];
    $tarikhpohon = $row[1];
    $namapohon = $row[2];
    $jawatanpohon = $row[3];
    $jabatanpohon = $row[4];
    $tarikhklulus = $row[5];
    $jeniskenderaan = $row[6];
    $shapprove = $row[7];

    if($shapprove == 'approve'){
    echo "<tr bgcolor=#FFCC99>";

    echo "<td><font size='2' color = 'red'><b>$snorujuk</b>";
    echo "<td><font size='2'>$tarikhpohon";
    echo "<td><font size='2'>$namapohon";
    echo "<td><font size='2'>$jawatanpohon";
    echo "<td><font size='2'>$jabatanpohon";
    echo "<td><font size='2'>$tarikhklulus";
    echo "<td><font size='2'>$jeniskenderaan";
    echo "</tr>";
    } }else{
while($row = mysql_fetch_array($result4)){

    $snorujuk = $row[0];
    $tarikhpohon = $row[1];
    $namapohon = $row[2];
    $jawatanpohon = $row[3];
    $jabatanpohon = $row[4];
    $tarikhklulus = $row[5];
    $jeniskenderaan = $row[6];
    $shapprove = $row[7];

    if($shapprove == 'approve'){
    echo "<tr bgcolor=#FFCC99>";

    echo "<td><font size='2' color = 'red'><b>$snorujuk</b>";
    echo "<td><font size='2'>$tarikhpohon";
    echo "<td><font size='2'>$namapohon";
    echo "<td><font size='2'>$jawatanpohon";
    echo "<td><font size='2'>$jabatanpohon";
    echo "<td><font size='2'>$tarikhklulus";
    echo "<td><font size='2'>$jeniskenderaan";

```

```
fin_query2.php
echo "</tr>";}}
}?">
```

```
/table> </td>
td></td>
tr>
<?
td height="123">&nbsp;</td>
td&nbsp;</td>
td></td>
td></td>
tr>
ible>
hp
```

```
/ If user and password are not correct print error message
}
else {
echo "Incorrect username/password";
exit;
}
```

```
ody>
tml>
```

```

                                fin_query3.php
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body><?php
time = time();

// Check if there is a cookie, if there isn't then exit!
if (!isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
    ?> <a href="">Login</a>
}

// http
exit;

// if there is a cookie, validate the cookie
if (isset($_COOKIE['cookie_info'])) {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passcookie = $cookie_info[1];

//echo "Your Reference Number: $namecookie <br><br>";

require_once("functions.php");
menu();
menuquery();
?>

<table width="762" border="0" cellpadding="0" cellspacing="0">
<tr>
<td colspan="2">
<table border="1" style="width:100%; height:100%; border-collapse: collapse;">
<tr>
<td style="width:254px; height:100px; vertical-align: top;">
<div style="border: 1px solid black; padding: 5px; text-align: center;">
Search Data </div>
<form id="form1" name="form1" method="post" action="fin_query1.php">
<input type="text" name="search" />
<input type="submit" name="Submit" value="Search" />
</form>
</td>
<td style="width:22px; height:39px; vertical-align: top; text-align: center; padding: 5px;">
Status </td>
</tr>
</table>
</td>
</tr>
</table>
<?php

$search = $_POST['search'];

$query0 = mysql_query("SELECT * FROM grabdata");
$result0 = mysql_result($query0,0,0);

// Get details of files from Database and put them in variables
// Get details of user from Database and put them in variables - Form 1/4
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$search1' OR icno = '$search1' OR refno = '$search' OR icno = '$search'");
$result = mysql_result($query,0,0);
$name = mysql_result($query,0,1);
$icno = mysql_result($query,0,2);
$dob = mysql_result($query,0,3);
$umur = mysql_result($query,0,4);
$alamat = mysql_result($query,0,5);
$stel = mysql_result($query,0,6);

```

fin_query3.php

```

$email = mysql_result($query,0,7);
// Get detail - Form 2/4
$nostaf = mysql_result($query,0,8);
$jawatan = mysql_result($query,0,9);
$gred = mysql_result($query,0,10);
$staraf = mysql_result($query,0,11);
$skim = mysql_result($query,0,12);
$skementerian = mysql_result($query,0,13);
$jabatan = mysql_result($query,0,14);
$salamatkerja = mysql_result($query,0,15);
$starikhkerja = mysql_result($query,0,16);
$gaji = mysql_result($query,0,17);
$selau = mysql_result($query,0,18);
// Get detail - Form 3/4
$skenderaan = mysql_result($query,0,19);
$model = mysql_result($query,0,20);
$silinder = mysql_result($query,0,21);
$nochasis = mysql_result($query,0,22);
$noenjini = mysql_result($query,0,23);
$nodaftar = mysql_result($query,0,24);
$hargabersih = mysql_result($query,0,25);
$skondisi = mysql_result($query,0,26);
//Get detail - Form 4/4
$biayamaks = mysql_result($query,0,27);
$biayapohon = mysql_result($query,0,28);
$stempobayar = mysql_result($query,0,29);
$stastloandate = mysql_result($query,0,30);
$loanamount = mysql_result($query,0,31);
$noakaunloan = mysql_result($query,0,32);
$scconfirm = mysql_result($query,0,33);
$starikhpohon = mysql_result($query,0,34);

Sidindb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR icno = '$search' OR refno =
archl' OR icno = '$search1' ");
$sisidindb = mysql_num_rows($sidindb);

if ($search == ""){
echo "<font color='red'>Please make sure you input the username or ic number.</font>";
} else
if ($sisidindb == 0){
echo "<font color='red'>The File Does Not Exist</font>";
} else {
echo "[$refno] - Data Retrieved";
mysql_query("DELETE FROM grabdata");
mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");
}

?>

</fieldset></td>
<td width="2"></td>
<tr>
<td height="39">&nbsp;</td>
<td valign="top"><fieldset>
<legend>Information</legend>

<?php echo"- $refno | $nama -"; ?>
</fieldset></td>
<td></td>
<tr>
<td height="6"></td>
<td></td>
<td></td>
<td></td>
<tr>
<td height="21" colspan="3" valign="top">
<fieldset>
<legend>Pinjaman Pembiayaan |</legend>
</fieldset></td>
<td></td>

```

fin_query3.php

```

</tr>
</tr>
<td height="4"></td>
</td>
</td>
</td>
</tr>
</tr>
<td height="40" colspan="3" valign="top">
<table border="1" width="760" cellpadding="0">
<!--DWLayoutTable-->
<tr>
<th width="108" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Pin No </font></th>
<th width="121" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Apply Date </font></th>
<th width="143" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Name</font></th>
<th width="88" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Position</font></th>
<th width="95" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Company</font></th>
<th width="94" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Approval Date</font></th>
<th width="95" height="15" valign="top" bgcolor="#6B6C9C"><font color="#FFFFFF" size="2">Vehicle Type </font></th>
</tr>
</table>
</td>
</tr>
</table>
<?php
$ery3 = "SELECT app_detail.refno, app_detail.tarikhpon, app_detail.nama, app_detail.jawatan, app_detail.jabatan, approval.hdate_approve,
_detail.kenderaan, approval.happrove FROM app_detail,approval WHERE approval.refno = app_detail.refno";
$result3 = mysql_query($ery3);
$query4 = "SELECT app_detail.refno, app_detail.tarikhpon, app_detail.nama, app_detail.jawatan,
_detail.jabatan, approval.hdate_approve, app_detail.kenderaan, approval.happrove FROM app_detail,approval WHERE approval.refno =
_detail.refno AND approval.refno = '$search'";
$result4 = mysql_query($query4);
if($search == ""){
while($row = mysql_fetch_array($result3)){
$norujuk = $row[0];
$tarikhpon = $row[1];
$namapoh = $row[2];
$jawatanpon = $row[3];
$jabatanpon = $row[4];
$tarikhulus = $row[5];
$jeniskenderaan = $row[6];
$happrove = $row[7];

if($happrove == 'approve'){
echo "<tr bgcolor=#FFCC99>";

echo "<td><font size='2' color='red'><b>$norujuk</b>";
echo "<td><font size='2'>$tarikhpon";
echo "<td><font size='2'>$namapoh";
echo "<td><font size='2'>$jawatanpon";
echo "<td><font size='2'>$jabatanpon";
echo "<td><font size='2'>$tarikhulus";
echo "<td><font size='2'>$jeniskenderaan";
echo "</tr>";
} }else{
while($row = mysql_fetch_array($result4)){
$norujuk = $row[0];
$tarikhpon = $row[1];
$namapoh = $row[2];
$jawatanpon = $row[3];
$jabatanpon = $row[4];
$tarikhulus = $row[5];
$jeniskenderaan = $row[6];
$happrove = $row[7];

if($happrove == 'approve'){
echo "<tr bgcolor=#FFCC99>";

echo "<td><font size='2' color='red'><b>$norujuk</b>";
echo "<td><font size='2'>$tarikhpon";
echo "<td><font size='2'>$namapoh";
echo "<td><font size='2'>$jawatanpon";
echo "<td><font size='2'>$jabatanpon";
echo "<td><font size='2'>$tarikhulus";
echo "<td><font size='2'>$jeniskenderaan";
} }else{

```

```
fin_query3.php
    echo "</tr>";}}
    }?>
```

```
/table> </td>
td></td>
r>
>
td height="123">&nbsp;</td>
td>&nbsp;</td>
td></td>
td></td>
r>
ble>
hp
```

```
/ If user and password are not correct print error message
```

```
!
!lse {
    echo "Incorrect username/password";
    exit;
!
!
```

```
ody>
ml>
```



```

nl>
ad>
<meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
</title>
ad>

dy>
php
time = time();

// Check if there is a cookie, if there isn't then exit!
if(isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
exit;

// If there is a cookie, validate the cookie
else {

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passcookie = $cookie_info[1];

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$refno = mysql_result($query,0,0); // Reference Number
$name = mysql_result($query,0,1);
    $sico = mysql_result($query,0,2);
    $dob = mysql_result($query,0,3);
    $umur = mysql_result($query,0,4);
    $salamat = mysql_result($query,0,5);
    $stel = mysql_result($query,0,6);
    $email = mysql_result($query,0,7);
    $sconfirm = mysql_result($query,0,33);

    //echo "access = $access cookie = $namecookie user = $username";
    require_once("functions.php");
    menu();

<fieldset><legend>Loan Application - Personal Info</legend>
<div align="center"><br>
VEHICLE LOAN APPLICATION<br>
form 1 / 4 <br>
</div>
?php
if($sconfirm == ") {
    menu();

<br>
<br>

<table width="512" border="0" >
<br>
<tr>
<td width="502" height="18" valign="top"><form action="form_2.php" method="POST">
<?php

// Display User Details
<br>
<table border="0" width="100%" id="table1" height="321">
<tr>
<td width="30%"> Pin Number:</td>
<td width="70%"> $namecookie</td>

```

```
/tr>
<tr>
  <td>Name:</td>
  <td> <input type='text' name='nama' value='$nama' size='35' maxlength='35'/></td>
</tr>
  <tr>
    <td>IC Number:</td>
    <td> <input type='text' name='icno' value='$icno' size='35' maxlength='35'/></td>
  </tr>
  <tr>
    <td>Date of Birth:</td>
    <td> <input type='text' name='dob' value='$dob' size='35' maxlength='35'/></td>
  </tr>
  <tr>
    <td>Age:</td>
    <td> <input type='text' name='umur' value='$umur' size='35' maxlength='35'/></td>
  </tr>
  <tr>
    <td>Address:</td>
    <td> <input type='text' name='alamat' value='$alamat' size='35' maxlength='35'/></td>
  </tr>
  <tr>
    <td>Phone No:</td>
    <td> <input type='text' name='tel' value='$tel' size='35' maxlength='35'/></td>
  </tr>
  <tr>
    <td>E-mail:</td>
    <td> <input type='text' name='email' value='$email' size='35' maxlength='35'/></td>
  </tr>
  <tr>
    <td height='44'>&nbsp;</td>
    <td height='44'><input type='submit' value='Next'>
    <input type='reset' value='Reset'></td>
  </tr>
</table>;
</form> </td> </tr>
</table>
```

hp

```
se {
:mu());
```

hp

```
Make the table displaying details of form 1/4
to "<table border='0' width='100%' id='table1' height='321'>
tr>
td width='20%'> Pin Number:</td>
td width='80%'>$namecookie</td>
/tr>
<tr>
  <td>Name:</td>
  <td>$nama</td>
</tr>
  <tr>
    <td>IC Number:</td>
    <td>$icno</td>
  </tr>
  <tr>
    <td>Date of Birth:</td>
    <td>$dob</td>
  </tr>
  <tr>
    <td>Age:</td>
    <td>$umur</td>
  </tr>
  <tr>
    <td>Address:</td>
    <td>$alamat</td>
  </tr>
  <tr>
    <td>Phone No:</td>
    <td>$tel</td>
  </tr>
```

form_1.php

```
<tr>  
  <td>E-mail:</td>  
  <td>$email</td>  
</tr>
```

```
able";  
</fieldset>  
php
```

```
/ If user and password are not correct print error message
```

```
lse {  
  echo "Incorrect username/password";  
  exit;
```

```
ody>  
ml>
```

```

OCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<?xml:ns="http://www.w3.org/1999/xhtml">
<ad>
<ta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<e>Untitled Document</title>
<ad>

<dy>
<ap
me = time();

Check if there is a cookie, if there isn't then exit!
isset($_COOKIE['cookie_info']) {
<cho "Cannot access this page: You aren't logged in";
?><a href="">Login</a><?php
>xit;

f there is a cookie, validate the cookie
> {

/ Use Connect Script
nclude("connect.php");

/ Include the validation of user file
nclude("validateuser.php");

/ If user and password are correct
f (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passwordcookie = $cookie_info[1];

/* Once submit has been pressed get variables of form and compare to
those in the database. If any changes are found, change them in database. */

// Variables that data come from the form

$name1 = $_POST["nama"];
$icno1 = $_POST["icno"];
$dob1 = $_POST["dob"];
$umur1 = $_POST["umur"];
$alamat1 = $_POST["alamat"];
$tel1 = $_POST["tel"];
$email1 = $_POST["email"];

/* Check if all the sections are completed as a whole, then if one isn't
filled out display the error message for that/those particular variables. */
if ((!$name1) || (!$icno1) || (!$dob1) || (!$umur1) || (!$alamat1) || (!$tel1) || (!$email1)) {
echo "You didn't submit the following required information to Update your information:<br><br>";
if (!$name1) {
echo "Please enter your new name<br>";
}
if (!$icno1) {
echo "Please enter your new IC number<br>";
}
if (!$dob1) {
echo "Please enter your new date of birth<br>";
}
if (!$umur1) {
echo "Please enter your new age<br>";
}
if (!$alamat1) {
echo "Please enter your new address<br>";
}
if (!$tel1) {
echo "Please enter your new phone number<br>";
}
if (!$email1) {
echo "Please enter your new email<br>";
}
echo "<a href='javascript:history.back(-1);'>Back</a>";
exit();

```

```

}

// Check if postcode is numeric
/* if (!(is_numeric($umur1))) {
    echo "Please enter your age";
    exit();
}

// Check if phone number is numeric
if (!(is_numeric($tel1))) {
    echo "Please enter a phone number";
    exit();
} */

// Get details of user from Database and put them in variables - Form 1/4
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$refno = mysql_result($query,0,0); // Reference Number
    $nama = mysql_result($query,0,1);
    $icno = mysql_result($query,0,2);
    $dob = mysql_result($query,0,3);
    $umur = mysql_result($query,0,4);
    $alamat = mysql_result($query,0,5);
    $tel = mysql_result($query,0,6);
    $email = mysql_result($query,0,7);
// Get detail - Form 2/4
    $nostaf = mysql_result($query,0,8);
    $jawatan = mysql_result($query,0,9);
    $gred = mysql_result($query,0,10);
    $staraf = mysql_result($query,0,11);
    $skim = mysql_result($query,0,12);
    $kementerian = mysql_result($query,0,13);
    $jabatan = mysql_result($query,0,14);
    $alamatkerja = mysql_result($query,0,15);
    $tarikhkerja = mysql_result($query,0,16);
    $gaji = mysql_result($query,0,17);
    $selaun = mysql_result($query,0,18);
    $scfirm = mysql_result($query,0,33);

// Compare variables and update new variables to database if changed
$changenama = strcmp($nama1,$nama);
    $changeicno = strcmp($icno1,$icno);
$changedob = strcmp($dob1,$dob);
$changeumur = strcmp($umur1,$umur);
$changealamat = strcmp($alamat1,$alamat);
$changetel = strcmp($tel1,$tel);
$changeemail = strcmp($email1,$email);

//update useronlinelist with new updated name
//mysql_query("DELETE FROM useronline WHERE username = '$name'");

// Update new Variables to database if they are not 0 which means they changed
if ($changenama != 0) { echo "Name Updated<BR>";
    // Insert new value to database
    mysql_query ("UPDATE app_detail SET nama = '$nama1' WHERE refno = '$namecookie'");
    $nama = $nama1; // Update old value on this page
}
    if ($changeicno != 0) { echo "icno Updated<BR>";
    // Insert new value to database
    mysql_query ("UPDATE app_detail SET icno = '$icno1' WHERE refno = '$namecookie'");
    $icno = $icno1; // Update old value on this page
}
if ($changedob != 0) { //echo "DOB Updated<BR>";
    mysql_query ("UPDATE app_detail SET dob = '$dob1' WHERE refno = '$namecookie'");
    $dob = $dob1;
}
if ($changeumur != 0) { //echo "Age Updated<BR>";
    mysql_query ("UPDATE app_detail SET umur = '$umur1' WHERE refno = '$namecookie'");
    $umur = $umur1;
}
if ($changealamat != 0) { //echo "Address Updated<BR>";
    mysql_query ("UPDATE app_detail SET alamat = '$alamat1' WHERE refno = '$namecookie'");
    $alamat = $alamat1;
}
if ($changetel != 0) { //echo "Phone Number Updated<BR>";
    mysql_query ("UPDATE app_detail SET tel = '$tel1' WHERE refno = '$namecookie'");
}

```

```

$tel = $tel1;
}
if($changeemail != 0) { //echo "Email Updated<BR>";
mysql_query ("UPDATE app_detail SET email = '$email1' WHERE refno = '$namecookie'");
$email = $email1;
}

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);

require_once("functions.php");
menu();
?>

<fieldset><legend>Loan Application - Working Info</legend>
/ align="center"><br>
;HICLE LOAN APPLICATION<br>

rm 2 / 4
/></div>

php
confirm == ") {
nu());

r>
r>

le width="512" border="0" >
>
td width="502" height="18" valign="top"><form action="form_3.php" method="POST">

<?php

Display User Details Form 2/4
to "
table border="0" width="100%" id="table1" height="321">
<tr>
<td>Staff ID:</td>
<td> <input type="text" name="nostaf" value="$nostaf" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Position:</td>
<td> <input type="text" name="jawatan" value="$jawatan" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Post Grade:</td>
<td> <input type="text" name="gred" value="$gred" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Officer Level:</td>
<td> <input type="text" name="taraf" value="$taraf" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Service Scheme:</td>
<td> <input type="text" name="skim" value="$skim" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Kementerian:</td>
<td> <input type="text" name="kementerian" value="$kementerian" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Organization:</td>
<td> <input type="text" name="jabatan" value="$jabatan" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Work Address:</td>
<td> <input type="text" name="alamatkerja" value="$alamatkerja" size="35" maxlength="35"/></td>
</tr>
<tr>
<td>Date of Work:</td>

```

```

<td> <input type='text' name='tarikhkerja' value='$tarikhkerja' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>Salary:</td>
<td> <input type='text' name='gaji' value='$gaji' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>Allowances:</td>
<td> <input type='text' name='elaun' value='$elaun' size='35' maxlength='35'/></td>
</tr>
<tr>
<td height='44'>&nbsp;</td>
<td height='44'><input type='submit' value='Next'>
<input type='reset' value='Reset'></td>
</tr>
able>";

</form> </td>
r>
ble>
hp

se {
nu();?>
hp

```

Make the table displaying details of user
to " <table border='0' width='100%' id='table1' height='321">

```

tr>
td width='20%'> Pin Number:</td>
td width='80%'> $refno</td>
/tr>
<tr>
<td>Staff ID:</td>
<td> $nostaf</td>
</tr>
<tr>
<td>Position:</td>
<td> $jawatan</td>
</tr>
<tr>
<td>Post Grade:</td>
<td> $gred</td>
</tr>
<tr>
<td>Officer Level:</td>
<td> $staraf</td>
</tr>
<tr>
<td>Service Scheme:</td>
<td> $skim</td>
</tr>
<tr>
<td>Kementerian:</td>
<td> $kementerian</td>
</tr>
<tr>
<td>Organization:</td>
<td> $jabatan</td>
</tr>
<tr>
<td>Work Address:</td>
<td> $alamatkerja</td>
</tr>
<tr>
<td>Date of Work:</td>
<td> $tarikhkerja</td>
</tr>
<tr>
<td>Salary:</td>
<td> $gaji</td>
</tr>
<tr>
<td>Allowances:</td>

```

```
<td>Selaun</td>  
</tr>
```

```
able>;  
</fieldset>  
p
```

If user and password are not correct print error message

```
lse {  
  echo "Incorrect username/password";  
  exit;
```

```
dy>  
ml>
```



```

OCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<?xml:ns="http://www.w3.org/1999/xhtml">
</?xml:ns>
<http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</?xml:ns>

<?php
<me = time();

// Check if there is a cookie, if there isn't then exit!
if(isset($_COOKIE['cookie_info'])) {
    echo "Cannot access this page: You aren't logged in";
    echo "<?php ?><a href="">Login</a><?php";
} else {
    // If there is a cookie, validate the cookie
    // Use Connect Script
    include("connect.php");

    // Include the validation of user file
    include("validateuser.php");

    // If user and password are correct
    if(validateuser() == true) {

        // Use cookie and Extract the cookie data (Username and Password)
        $cookie_info = explode(";", $_COOKIE['cookie_info']);
        $namecookie = $cookie_info[0];
        $passcookie = $cookie_info[1];

        //echo "Your Reference Number: $namecookie <br><br>";
        /* Once submit has been pressed get variables of form and compare to
        those in the database. If any changes are found, change them in database. */

        // Variables that data come from the form
        $nostaf1 = $_POST["nostaf"];
        $jawatan1 = $_POST["jawatan"];
        $gred1 = $_POST["gred"];
        $taraf1 = $_POST["taraf"];
        $skim1 = $_POST["skim"];
        $kementerian1 = $_POST["kementerian"];
        $jabatan1 = $_POST["jabatan"];
        $alamatkerja1 = $_POST["alamatkerja"];
        $tarikhkerja1 = $_POST["tarikhkerja"];
        $gaji1 = $_POST["gaji"];
        $elaun1 = $_POST["elaun"];

        /* Check if all the sections are completed as a whole, then if one isn't
        filled out display the error message for that/those particular variables. */
        if((!$nostaf1) || (!$jawatan1) || (!$gred1) || (!$taraf1) || (!$skim1) || (!$kementerian1) || (!$jabatan1) || (!$alamatkerja1) || (!$tarikhkerja1) || (!$gaji1) || (!$elaun1)) {
            echo "You didn't submit the following required information to Update your information:<br><br>";
            if(!$nostaf1) {
                echo "Please enter your new staff number<br>";
            }
            if(!$jawatan1) {
                echo "Please enter your new post<br>";
            }
            if(!$gred1) {
                echo "Please enter your new grade<br>";
            }
            if(!$taraf1) {
                echo "Please enter your new Level<br>";
            }
            if(!$skim1) {
                echo "Please enter your new scheme<br>";
            }
            if(!$kementerian1) {

```

```

    echo "Please enter your new kementerian<br>";
}
if(!$jabatan1) {
    echo "Please enter your new jabatan<br>";
}
    if(!$alamatkerja1) {
    echo "Please enter your new alamatkerja<br>";
}
    if(!$tarikhkerja1) {
    echo "Please enter your new tarikhkerja<br>";
}
    if(!$gaji1) {
    echo "Please enter your new gaji<br>";
}
    if(!$elaun1) {
    echo "Please enter your new elaun<br>";
}
}

exit();
}

// Check if postcode is numeric
if(!is_numeric($umur1)) {
    echo "Please enter your age";
    exit();
}

// Check if phone number is numeric
if(!is_numeric($tel1)) {
    echo "Please enter a phone number";
    exit();
}
*/

// Get details of user from Database and put them in variables - Form 1/4
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$refno = mysql_result($query,0,0);
    $nama = mysql_result($query,0,1);
    $sno = mysql_result($query,0,2);
    $dob = mysql_result($query,0,3);
    $umur = mysql_result($query,0,4);
    $alamat = mysql_result($query,0,5);
    $tel = mysql_result($query,0,6);
    $email = mysql_result($query,0,7);
    // Get detail - Form 2/4
    $nostaf = mysql_result($query,0,8);
    $jawatan = mysql_result($query,0,9);
    $gred = mysql_result($query,0,10);
    $taraf = mysql_result($query,0,11);
    $skim = mysql_result($query,0,12);
    $kementerian = mysql_result($query,0,13);
    $jabatan = mysql_result($query,0,14);
    $alamatkerja = mysql_result($query,0,15);
    $tarikhkerja = mysql_result($query,0,16);
    $gaji = mysql_result($query,0,17);
    $elaun = mysql_result($query,0,18);
    // Get detail - Form 3/4
    $kendaraan = mysql_result($query,0,19);
    $model = mysql_result($query,0,20);
    $sylinder = mysql_result($query,0,21);
    $nochasis = mysql_result($query,0,22);
    $noenjin = mysql_result($query,0,23);
    $nodaftar = mysql_result($query,0,24);
    $hargabersih = mysql_result($query,0,25);
    $kondisi = mysql_result($query,0,26);
    $confirm = mysql_result($query,0,33);

// Compare variables and update new variables to database if changed
$changenostaf = strcmp($nostaf1,$nostaf);
    $changejawatan = strcmp($jawatan1,$jawatan);
$changebred = strcmp($bred1,$bred);
$changetaraf = strcmp($taraf1,$taraf);
$changeskim = strcmp($skim1,$skim);
$changekementerian = strcmp($kementerian1,$kementerian);
$changejabatan = strcmp($jabatan1,$jabatan);
    $changealamatkerja = strcmp($alamatkerja1,$alamatkerja);
    $changetarikhkerja = strcmp($tarikhkerja1,$tarikhkerja);

```

```

$change gaji = strcmp($gaji1,$gaji);
$change elaun = strcmp($elaun1,$elaun);

```

```

//update useronline with new updated name
//mysql_query("DELETE FROM useronline WHERE username = '$name'");

// Update new Variables to database if they are not 0 which means they changed
if ($changenostaf != 0) { //echo "Nostaf Updated<BR>";
// Insert new value to database
mysql_query ("UPDATE app_detail SET nostaf = '$nostaf1' WHERE refno = '$namecookie'");
$nostaf = $nostaf1; // Update old value on this page
}
if ($changejawatan != 0) { // echo "Post Updated<BR>";
// Insert new value to database
mysql_query ("UPDATE app_detail SET jawatan = '$jawatan1' WHERE refno = '$namecookie'");
$jawatan = $jawatan1; // Update old value on this page
}
if ($change gred != 0) { // echo "Grade Updated<BR>";
mysql_query ("UPDATE app_detail SET gred = '$gred1' WHERE refno = '$namecookie'");
$gred = $gred1;
}
if ($changetaraf != 0) { //echo "Taraf Updated<BR>";
mysql_query ("UPDATE app_detail SET taraf = '$taraf1' WHERE refno = '$namecookie'");
$taraf = $taraf1;
}
if ($changeskim != 0) { // echo "Scheme Updated<BR>";
mysql_query ("UPDATE app_detail SET skim = '$skim1' WHERE refno = '$namecookie'");
$skim = $skim1;
}
if ($change kementerian != 0) { //echo "Kementerian Updated<BR>";
mysql_query ("UPDATE app_detail SET kementerian = '$kementerian1' WHERE refno = '$namecookie'");
$kementerian = $kementerian1;
}
if ($change jabatan != 0) { //echo "Jabatan Updated<BR>";
mysql_query ("UPDATE app_detail SET jabatan = '$jabatan1' WHERE refno = '$namecookie'");
$jabatan = $jabatan1;
}
if ($change alamat kerja != 0) { //echo "Alamat kerja Updated<BR>";
mysql_query ("UPDATE app_detail SET alamat kerja = '$alamat kerja1' WHERE refno = '$namecookie'");
$alamat kerja = $alamat kerja1;
}
if ($change tarikh kerja != 0) { //echo "tarikh kerja Updated<BR>";
mysql_query ("UPDATE app_detail SET tarikh kerja = '$tarikh kerja1' WHERE refno = '$namecookie'");
$tarikh kerja = $tarikh kerja1;
}
if ($change gaji != 0) { //echo "gaji Updated<BR>";
mysql_query ("UPDATE app_detail SET gaji = '$gaji1' WHERE refno = '$namecookie'");
$gaji = $gaji1;
}
if ($change elaun != 0) { //echo "elaun Updated<BR>";
mysql_query ("UPDATE app_detail SET elaun = '$elaun1' WHERE refno = '$namecookie'");
$elaun = $elaun1;
}
// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);

require_once("functions.php");
menu(); ?>

```

```
<fieldset><legend>Loan Application - Vehicle Info</legend>
```

```
<div align="center"><br>
```

```
VEHICLE LOAN APPLICATION<br />
```

```
rm 3 / 4
```

```
</div>
```

```
php
```

```
confirm == ") {
```

```
nu();
```

```
</div>
```

```
</div>
```

```
width="512" border="0" >
```

```
</div>
```



```
<td>Chasis No:</td>
<td>$nochasis</td>
</tr>
<tr>
<td>Engine No:</td>
<td>$noenjir</td>
</tr>
<tr>
<td>Registration No:</td>
<td>$nodaftar</td>
</tr>
<tr>
<td>Net Price:</td>
<td>$hargabersih</td>
</tr>
<tr>
<td>Condition:</td>
<td>$kondisi</td>
</tr>
able>";
</fieldset>
<?php
```

' If user and password are not correct print error message

```
lse {
echo "Incorrect username/password";
exit;
```

```
<br>
dy>
ml>
```

form_4.php

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>
```

```
<body>
<script>
<time = time();
```

```
Check if there is a cookie, if there isn't then exit!
(isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
?><a href="">Login</a><?php
exit;
```

```
If there is a cookie, validate the cookie
else {
```

```
// Use Connect Script
include("connect.php");
```

```
// Include the validation of user file
include("validateuser.php");
```

```
// If user and password are correct
if (validateuser() == true) {
```

```
// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passwordcookie = $cookie_info[1];
```

```
//echo "Your Reference Number: $namecookie <br><br>";
```

```
/* Once submit has been pressed get variables of form and compare to
those in the database. If any changes are found, change them in database. */
```

```
// Variables that data come from the form
```

```
$kenderaan1 = $_POST["kenderaan"];
$model1 = $_POST["model"];
$silinder1 = $_POST["silinder"];
$nochasis1 = $_POST["nochasis"];
$noenjin1 = $_POST["noenjin"];
$nodaftar1 = $_POST["nodaftar"];
$hargabersih1 = $_POST["hargabersih"];
$skondisi1 = $_POST["kondisi"];
```

```
/* Check if all the sections are completed as a whole, then if one isn't
filled out display the error message for that/those particular variables. */
```

```
if ((!$kenderaan1) || (!$model1) || (!$silinder1) || (!$nochasis1) || (!$noenjin1) || (!$nodaftar1) || (!$hargabersih1) || (!$skondisi1)) {
echo "You didn't submit the following required information to Update your information:<br><br>";
if (!$kenderaan1) {
echo "Please enter your new kenderaan<br>";
}
if (!$model1) {
echo "Please enter your new model<br>";
}
if (!$silinder1) {
echo "Please enter your new silinder<br>";
}
if (!$nochasis1) {
echo "Please enter your new nochasis<br>";
}
if (!$noenjin1) {
echo "Please enter your new noenjin<br>";
}
if (!$nodaftar1) {
echo "Please enter your new nodaftar<br>";
}
if (!$hargabersih1) {
echo "Please enter your new hargabersih<br>";
}
if (!$skondisi1) {
```

```

    echo "Please enter your new kondisi<br>";
}

exit();
}

* // Check if postcode is numeric
if(!is_numeric($umur1)) {
    echo "Please enter your age";
    exit();
}

// Check if phone number is numeric
if(!is_numeric($tel1)) {
    echo "Please enter a phone number";
    exit();
} */

// Get details of user from Database and put them in variables - Form 1/4
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$result = mysql_result($query,0,0);
    $nama = mysql_result($query,0,1);
    $icno = mysql_result($query,0,2);
    $dob = mysql_result($query,0,3);
    $umur = mysql_result($query,0,4);
    $alamat = mysql_result($query,0,5);
    $tel = mysql_result($query,0,6);
    $email = mysql_result($query,0,7);
    // Get detail - Form 2/4
    $nostaf = mysql_result($query,0,8);
    $jawatan = mysql_result($query,0,9);
    $ged = mysql_result($query,0,10);
    $staraf = mysql_result($query,0,11);
    $skim = mysql_result($query,0,12);
    $kementerian = mysql_result($query,0,13);
    $jabatan = mysql_result($query,0,14);
    $alamatkerja = mysql_result($query,0,15);
    $tarikhkerja = mysql_result($query,0,16);
    $gaji = mysql_result($query,0,17);
    $selaun = mysql_result($query,0,18);
    // Get detail - Form 3/4
    $kendaraan = mysql_result($query,0,19);
    $model = mysql_result($query,0,20);
    $silinder = mysql_result($query,0,21);
    $nochasis = mysql_result($query,0,22);
    $noenjin = mysql_result($query,0,23);
    $nodaftar = mysql_result($query,0,24);
    $hargabersih = mysql_result($query,0,25);
    $kondisi = mysql_result($query,0,26);
    //Get detail - Form 4/4
    $biayamaks = mysql_result($query,0,27);
    $biayapohon = mysql_result($query,0,28);
    $tempohbayar = mysql_result($query,0,29);
    $lastloandate = mysql_result($query,0,30);
    $loanamount = mysql_result($query,0,31);
    $noakaunloan = mysql_result($query,0,32);

    $scorefirm = mysql_result($query,0,33);

// Compare variables and update new variables to database if changed
$changekendaraan = strcmp($kendaraan1,$kendaraan);
    $changemodel = strcmp($model1,$model);
$changesilinder = strcmp($silinder1,$silinder);
$changenochasis = strcmp($nochasis1,$nochasis);
$changenoenjin = strcmp($noenjin1,$noenjin);
$changenodaftar = strcmp($nodaftar1,$nodaftar);
$changehargabersih = strcmp($hargabersih1,$hargabersih);
    $changecondsisi = strcmp($kondisi1,$kondisi);

//update useronlinelist with new updated name
    //mysql_query("DELETE FROM usersonline WHERE username = '$name'");

// Update new Variables to database if they are not 0 which means they changed
if ($changekendaraan != 0) { //echo "1 Updated<BR>";
    // Insert new value to database

```

```

                                form_4.php
mysql_query("UPDATE app_detail SET kenderaan = '$kenderaan1' WHERE refno = '$namecookie'");
$kenderaan = $kenderaan1; // Update old value on this page
}
    if ($changemodel != 0) { // echo "2 Updated<BR>";
// Insert new value to database
mysql_query("UPDATE app_detail SET model = '$model1' WHERE refno = '$namecookie'");
$model = $model1; // Update old value on this page
}
if ($changesilinder != 0) { //echo "3 Updated<BR>";
mysql_query("UPDATE app_detail SET silinder = '$silinder1' WHERE refno = '$namecookie'");
$silinder = $silinder1;
}
if ($changenochasis != 0) { //echo "4 Updated<BR>";
mysql_query("UPDATE app_detail SET nochasis = '$nochasis1' WHERE refno = '$namecookie'");
$nochasis = $nochasis1;
}
if ($changenoenjin != 0) { // echo "5 Updated<BR>";
mysql_query("UPDATE app_detail SET noenjin = '$noenjin1' WHERE refno = '$namecookie'");
$noenjin = $noenjin1;
}
if ($changenodaftar != 0) { //echo "6 Updated<BR>";
mysql_query("UPDATE app_detail SET nodaftar = '$nodaftar1' WHERE refno = '$namecookie'");
$nodaftar = $nodaftar1;
}
if ($changehargabersih != 0) { // echo "7 Updated<BR>";
mysql_query("UPDATE app_detail SET hargabersih = '$hargabersih1' WHERE refno = '$namecookie'");
$hargabersih = $hargabersih1;
}
    if ($change kondisi != 0) { //echo "8 Updated<BR>";
mysql_query("UPDATE app_detail SET kondisi = '$kondisi1' WHERE refno = '$namecookie'");
$kondisi = $kondisi1;
}
// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username = mysql_result($query,0,0);
    $password = mysql_result($query,0,1);
    $access = mysql_result($query,0,2);

    require_once("functions.php");
        menu();
    ?><p>
eldset<<legend>Loan Application - Loan Info</legend>
iv align="center"><br>
EHICLE LOAN APPLICATION<br />
rm 4 / 4
'p></div>
?php
$confirm == ") {
nu();

r>
r>

ble width="512" border="0" >
r>
<td width="502" height="18" valign="top"><form action="form_confirm.php" method="POST">

<?php

Display User Details - Form 4/4
ho "
able border="0" width="100%" id="table1" height="321">
    <tr>
        <td>Maximum Loan:</td>
        <td> <input type="text" name="biayamaks" value="$biayamaks" size="35" maxlength="35"/></td>
    </tr>
    <tr>
        <td>Loan Amount:</td>
        <td> <input type="text" name="biayapohon" value="$biayapohon" size="35" maxlength="35"/></td>
    </tr>
    <tr>
        <td>Loan Payment (months):</td>
        <td> <input type="text" name="tempohbayar" value="$tempohbayar" size="35" maxlength="35"/></td>
    </tr>
    <tr>

```


ml>

form_confirm.php

```

OCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<?xml ns="http://www.w3.org/1999/xhtml">
<id>
<ta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<e>Untitled Document</title>
<ad>

<ty>
<ip
me = time();

// Check if there is a cookie, if there isn't then exit!
!isset($_COOKIE['cookie_info']) {
<echo "Cannot access this page: You aren't logged in";
?><a href="">Login</a><?php
<exit;

// If there is a cookie, validate the cookie
<? {

// Use Connect Script
<nclude("connect.php");

// Include the validation of user file
<nclude("validateuser.php");

// If user and password are correct
<if (validateuser() == true) {

// Use cookie and Extract the cookie data (Username and Password)
<$cookie_info = explode("-", $_COOKIE['cookie_info']);
<$namecookie = $cookie_info[0];
<$passcookie = $cookie_info[1];

// <echo "Your Reference Number: $namecookie <br><br>";

/* Once submit has been pressed get variables of form and compare to
those in the database. If any changes are found, change them in database. */

// Variables that data come from the form
<$biayamaks1 = $_POST["biayamaks"];
<$biayapohon1 = $_POST["biayapohon"];
<$tempohbayar1 = $_POST["tempohbayar"];
<$lastloandate1 = $_POST["lastloandate"];
<$loanamount1 = $_POST["loanamount"];
<$noakaunloan1 = $_POST["noakaunloan"];

/* Check if all the sections are completed as a whole, then if one isn't
filled out display the error message for that/those particular variables. */
<if ((!$biayamaks1) || (!$biayapohon1) || (!$tempohbayar1) || (!$lastloandate1) || (!$loanamount1) || (!$noakaunloan1)) {
<echo "You didn't submit the following required information to Update your information:<br><br>";
<if (!$biayamaks1) {
<echo "Please enter your new 1<br>";
<}
<if (!$biayapohon1) {
<echo "Please enter your new 2<br>";
<}
<if (!$tempohbayar1) {
<echo "Please enter your new 3<br>";
<}
<if (!$lastloandate1) {
<echo "Please enter your new 4<br>";
<}
<if (!$loanamount1) {
<echo "Please enter your new 5<br>";
<}
<if (!$noakaunloan1) {
<echo "Please enter your new 6<br>";
<}

<exit();
<}

// Check if postcode is numeric
<if (!(is_numeric($umur1))) {

```

form_confirm.php

```

echo "Please enter your age";
exit();
}

// Check if phone number is numeric
if (!(is_numeric($tel1))) {
    echo "Please enter a phone number";
    exit();
}

// Get details of user from Database and put them in variables - Form 1/4
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$refno = mysql_result($query,0,0);
    $nama = mysql_result($query,0,1);
    $icno = mysql_result($query,0,2);
    $dob = mysql_result($query,0,3);
    $umur = mysql_result($query,0,4);
    $alamat = mysql_result($query,0,5);
    $tel = mysql_result($query,0,6);
    $email = mysql_result($query,0,7);
    // Get detail - Form 2/4
    $nostaf = mysql_result($query,0,8);
    $jawatan = mysql_result($query,0,9);
    $gred = mysql_result($query,0,10);
    $staraf = mysql_result($query,0,11);
    $skim = mysql_result($query,0,12);
    $kementerian = mysql_result($query,0,13);
    $jabatan = mysql_result($query,0,14);
    $salamatkerja = mysql_result($query,0,15);
    $starikhkerja = mysql_result($query,0,16);
    $gaji = mysql_result($query,0,17);
    $selaun = mysql_result($query,0,18);
    // Get detail - Form 3/4
    $skenderaan = mysql_result($query,0,19);
    $model = mysql_result($query,0,20);
    $silinder = mysql_result($query,0,21);
    $nochasis = mysql_result($query,0,22);
    $noenjnin = mysql_result($query,0,23);
    $nodaftar = mysql_result($query,0,24);
    $hargabersih = mysql_result($query,0,25);
    $kondisi = mysql_result($query,0,26);
    //Get detail - Form 4/4
    $biayamaks = mysql_result($query,0,27);
    $biayapohon = mysql_result($query,0,28);
    $tempohbayar = mysql_result($query,0,29);
    $lastloandate = mysql_result($query,0,30);
    $loanamount = mysql_result($query,0,31);
    $noakaunloan = mysql_result($query,0,32);
    $sconfirm = mysql_result($query,0,33);
    $starikhpohon = mysql_result($query,0,34);

// Compare variables and update new variables to database if changed
$changebiayamaks = strcmp($biayamaks1,$biayamaks);
    $changebiayapohon = strcmp($biayapohon1,$biayapohon);
$changetempohbayar = strcmp($tempohbayar1,$tempohbayar);
$changelastloandate = strcmp($lastloandate1,$lastloandate);
$changeloanamount = strcmp($loanamount1,$loanamount);
$changennoakaunloan = strcmp($noakaunloan1,$noakaunloan);

//update useronlinelist with new updated name
//mysql_query("DELETE FROM useronline WHERE username = '$name'");

// Update new Variables to database if they are not 0 which means they changed
if ($changebiayamaks != 0) { //echo "1 Updated<BR>";
    // Insert new value to database
    mysql_query("UPDATE app_detail SET biayamaks = '$biayamaks1' WHERE refno = '$namecookie'");
    $biayamaks = $biayamaks1; // Update old value on this page
}
    if ($changebiayapohon != 0) { //echo "2 Updated<BR>";
    // Insert new value to database
    mysql_query("UPDATE app_detail SET biayapohon = '$biayapohon1' WHERE refno = '$namecookie'");
    $biayapohon = $biayapohon1; // Update old value on this page
}
    if ($changetempohbayar != 0) { //echo "3 Updated<BR>";
    mysql_query("UPDATE app_detail SET tempohbayar = '$tempohbayar1' WHERE refno = '$namecookie'");
    $tempohbayar = $tempohbayar1;
}

```

form_confirm.php

```

}
if ($changelastloandate != 0) { // echo "4 Updated<BR>";
    mysql_query ("UPDATE app_detail SET lastloandate = '$lastloandate1' WHERE refno = '$namecookie'");
    $lastloandate = $lastloandate1;
}
if ($changeloanamount != 0) { //echo "5 Updated<BR>";
    mysql_query ("UPDATE app_detail SET loanamount = '$loanamount1' WHERE refno = '$namecookie'");
    $loanamount = $loanamount1;
}
if ($changenokaunloan != 0) { //echo "6 Updated<BR>";
    mysql_query ("UPDATE app_detail SET noakaunloan = '$noakaunloan1' WHERE refno = '$namecookie'");
    $noakaunloan = $noakaunloan1;
}
// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);

require_once("functions.php");
    menu();
?>
<fieldset><legend>Confirmation</legend>
/ align="center"><br>
CONFIRMATION
)</div>
php
confirm == ") {
nu();

r>
r>

/ align="center">
m id="form1" name="form1" method="post" action="form_userstatus.php">
>&nbsp;</p>
>[The Agreement]</p>
<br>
<br>
>
input type="checkbox" name="checkbox" value="confirm" />
confirm</label>
input type="submit" name="Submit" value="Submit" />
abel>
rm></div>
hp

ise {
nu();
o"<br><br>You have confirmed your form on $tarikhpohon";

/fieldset>

<?php

/ If user and password are not correct print error message
;
ise {
echo "Incorrect username/password";
exit;
}

<br>
ody>
tml>

```

```

OCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<?xml:ns="http://www.w3.org/1999/xhtml">
<id>
<ta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<e>Untitled Document</title>
<ad>

<fy>
<ip
<me = time();

<check if there is a cookie, if there isn't then exit!
<isset($_COOKIE['cookie_info']) {
<echo "Cannot access this page: You aren't logged in";
    ?><a href="">Login</a><<?php
<exit;

<f there is a cookie, validate the cookie
<= {

</ Use Connect Script
<nclude("connect.php");

</ Include the validation of user file
<nclude("validateuser.php");

</ If user and password are correct
<f (validateuser() == true) {

    < // Use cookie and Extract the cookie data (Username and Password)
    <$cookie_info = explode("-", $_COOKIE['cookie_info']);
    <$namecookie = $cookie_info[0];
    <$passcookie = $cookie_info[1];

        < // Variables that data come from the form
    <$checkbox1 = $_POST["checkbox1"];

        < // Get details of user from Database and put them in variables - Form 1/4
    <$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
    <$refno = mysql_result($query,0,0);
    <$nama = mysql_result($query,0,1);
    <$sico = mysql_result($query,0,2);
    <$dob = mysql_result($query,0,3);
    <$umur = mysql_result($query,0,4);
    <$salamat = mysql_result($query,0,5);
    <$stel = mysql_result($query,0,6);
    <$email = mysql_result($query,0,7);
        < // Get detail - Form 2/4
    <$nostaf = mysql_result($query,0,8);
    <$jawatan = mysql_result($query,0,9);
    <$ged = mysql_result($query,0,10);
    <$staraf = mysql_result($query,0,11);
    <$skim = mysql_result($query,0,12);
    <$kementerian = mysql_result($query,0,13);
    <$jabatan = mysql_result($query,0,14);
    <$alamatkerja = mysql_result($query,0,15);
    <$tarikhkerja = mysql_result($query,0,16);
    <$gaji = mysql_result($query,0,17);
    <$selaun = mysql_result($query,0,18);
        < // Get detail - Form 3/4
    <$kenderaan = mysql_result($query,0,19);
    <$model = mysql_result($query,0,20);
    <$silinder = mysql_result($query,0,21);
    <$nochasis = mysql_result($query,0,22);
    <$noenjin = mysql_result($query,0,23);
    <$nodaftar = mysql_result($query,0,24);
    <$hargabersih = mysql_result($query,0,25);
    <$kondisi = mysql_result($query,0,26);
        < //Get detail - Form 4/4
    <$biayamaks = mysql_result($query,0,27);
    <$biayapohon = mysql_result($query,0,28);
    <$tempohbayar = mysql_result($query,0,29);
    <$lastloadate = mysql_result($query,0,30);
    <$loanamount = mysql_result($query,0,31);

```

```

                                form_userstatus.php
                                $noakaunloan = mysql_result($query,0,32);
                                $comfirm = mysql_result($query,0,33);
                                $tarikhpohon = mysql_result($query,0,34);

                                $changecheckbox = strcmp($checkbox1,$comfirm);
                                $date = date("j M Y");
                                if ($changecheckbox != 0) {
mysql_query("UPDATE app_detail SET comfirm = '$checkbox1' WHERE refno = '$namecookie'");
                                $comfirm = $checkbox1; // Insert new value to database
                                mysql_query("UPDATE app_detail SET tarikhpohon = '$date' WHERE refno = '$namecookie'");
                                $tarikhpohon = $date;
                                }else {
                                        echo "Please make sure you check the comfirm box";}

                                // Get details of user from Database and put them in variables
                                $query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
                                $username = mysql_result($query,0,0);
                                        $password = mysql_result($query,0,1);
                                        $access = mysql_result($query,0,2);

                                require_once("functions.php");
                                        menu();
                                ?><p><fieldset><legend>Application Status</legend>
' align="center"><br>
APPLICATION STATUS
</div>

php
require_once('functions.php');
nu();

<?
<?
<?php echo"$refno"; ?>] is [<?php echo"$comfirm"; ?>] on [<?php echo"$tarikhpohon"; ?>] by [<?php echo"$nama"; ?>].<br>
Form is check by [<?php echo"$fwho"; ?>] on [<?php echo"$fdate_approve"; ?>] and is [<?php echo"$fapprove"; ?>].<br>
Form is finalize by [<?php echo"$hwho"; ?>] and is [<?php echo"$happrove"; ?>] on [<?php echo"$hdate_approve"; ?>].<br>
:ldset>
        <?php

' If user and password are not correct print error message
lse {
    echo "Incorrect username/password";
    exit;

        <br>
xdy>
ml>

```

functions.php

```

ip
tion menu ($access,$username,$password) {
ide ("connect.php");
// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $ _COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passcookie = $cookie_info[1];
// Variables that data come from the form
$username = $ _POST["username"];
$pass = $ _POST["pass"];

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$username'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);

$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username1 = mysql_result($query,0,0);
$password1 = mysql_result($query,0,1);
$access1 = mysql_result($query,0,2);

//echo"user = $username cookie = $namecookie";
echo "<strong>Vehicle Loan Management System</strong> - [ $access1 ]";?>

le type="text/css">
e3 {font-size: 12px; }
yle>
| <a href="change_pass.php">CHANGE PASSWORD</a> <?php if ($access =='user' || $access1 =='user'){ ?>| <a href="form_1.php">APPLY
AN</a> <?php } if ($access =='admin' || $access1 =='admin'){?>| <a href="register.php">REGISTRATION</a> | <a
="managedata.php">MANAGE USER </a>
php } if ($access =='finance' || $access1 =='finance' ){ ?>

ref="app_status.php">MANAGE</a> | <a href="fin_query.php">QUERY</a> | <a href="payment.php">PAYMENT INFO </a><?php } if ($access
ead' || $access1 =='head' ){?> | <a href="h_approval.0.php">APPROVAL</a><?php }?> | <a href="logout.php">LOGOUT</a> | </p>
><?php } ?>

ip
tion menumanage () {
ide ("connect.php");
// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode("-", $ _COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passcookie = $cookie_info[1];
// Variables that data come from the form
// $username = $ _POST["username"];
// $pass = $ _POST["pass"];

// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM user WHERE username = '$username'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);
$name = mysql_result($query,0,3);
$icno = mysql_result($query,0,4);
$jawatan = mysql_result($query,0,5);

$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username1 = mysql_result($query,0,0);
$password1 = mysql_result($query,0,1);
$access1 = mysql_result($query,0,2);
$name = mysql_result($query,0,3);
$icno = mysql_result($query,0,4);
$jawatan = mysql_result($query,0,5);

//echo"user = $username cookie = $namecookie";

| <a href="managecheck.php" class="style3">CHECK USER</a> | <a href="managedelete.php" class="style3">DELETE USER</a> | </p>
<?php } ?>

php
function finenu(){?>

```


functions.php

```
<a href="form_1.php">[Personal Info]</a>
<a href="form_2a.php"> [Working Info]</a>
<a href="form_3a.php">[Vehicle Info]</a>
<a href="form_4a.php">[Loan Info]</a>
<a href="form_comfirma.php">[Confirmation]</a>
<a href="form_userstatusa.php">[Status]</a>
<?php } ?>
```

```
<?php
function finenu2(){?>
  <a href="app_status.php">Status</a>
  <a href="manage.php">Form1</a>
  <a href="manage2c.php">Form2</a>
  <a href="manage3c.php">Form3</a>
  <a href="manage4c.php">Form4</a>
  <a href="manage5c.php">Approval</a><?php } ?>
```

```
<?php
function hmenu(){?>
  <a href="h_approval0.php">Status</a>
  <a href="h_approval1.php">Form1</a>
  <a href="h_approval2.php">Form2</a>
  <a href="h_approval3.php">Form3</a>
  <a href="h_approval4.php">Form4</a>
  <a href="h_approval5.php">Approval</a><?php } ?>
```

```
<?php
function menuquery(){?>
  [<a href="fin_query1.php">Loan Query</a>]
  [<a href="fin_query2.php">Loan Check </a>]
  [<a href="fin_query3.php">Loan in Company</a>]
  <?php } ?>
```

hp

```
function paymentmenu(){?>
  <a href="pay.php">Intro</a> | <a href="pay1.php">Kemaskini Cek</a> | <a href=".php"> Lejar Subsidiari Akaun</a>
  <?php } ?>
```

```
<?php
function paymenu(){?>
  | <a href="payment1.php">Kemaskini Cek</a> | <a href=".php"> Lejar Subsidiari Akaun</a>
  <?php } ?>
```

```
<?php
function paymenu1(){?>
  | <a href="cheque.php">Kemaskini Cek</a> | <a href=".php"> Lejar Subsidiari Akaun</a>
  <?php } ?>
```


manage.php

```
Semail = mysql_result($query,0,7);
// Get detail - Form 2/4
$nostaf = mysql_result($query,0,8);
$jawatan = mysql_result($query,0,9);
$gred = mysql_result($query,0,10);
$staraf = mysql_result($query,0,11);
$skim = mysql_result($query,0,12);
$skementerian = mysql_result($query,0,13);
$jabatan = mysql_result($query,0,14);
$salamatkerja = mysql_result($query,0,15);
$starikhkerja = mysql_result($query,0,16);
$gaji = mysql_result($query,0,17);
$selain = mysql_result($query,0,18);
// Get detail - Form 3/4
$skenderaan = mysql_result($query,0,19);
$model = mysql_result($query,0,20);
$silinder = mysql_result($query,0,21);
$nochasis = mysql_result($query,0,22);
$noenjin = mysql_result($query,0,23);
$nodaftar = mysql_result($query,0,24);
$shargabersih = mysql_result($query,0,25);
$skondisi = mysql_result($query,0,26);
//Get detail - Form 4/4
$biayamaks = mysql_result($query,0,27);
    $biayapohon = mysql_result($query,0,28);
    $tempohbayar = mysql_result($query,0,29);
    $lastloandate = mysql_result($query,0,30);
    $loanamount = mysql_result($query,0,31);
    $noakaunloan = mysql_result($query,0,32);
    $scfirm = mysql_result($query,0,33);
$starikhpohon = mysql_result($query,0,34);

$didb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR icno = '$search' OR refno =
urch1' OR icno = '$search1' ");
$didb = mysql_num_rows($didb);

if ($search == ""){
echo "<font color='red'>Please make sure you input the username or ic number.</font>";
} else
if ($didb == 0){
echo "<font color='red'>The File Does Not Exist</font>";
} else {
echo"[$refno] - Data Retrieved";
mysql_query("DELETE FROM grabdata");
mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");
}

?>

</fieldset></td>
</tr>
</table>
</div>
<div height="25">&nbsp;</div>
<div valign="top"><fieldset><legend>Information </legend>
<?php echo"- $refno | $nama -"; ?>
</fieldset></div>
</tr>
</table>
</div>
<div height="6"></div>
</tr>
</table>
</div>
<div height="58" colspan="3" valign="top"><form action="manage2.php" method="POST">
<fieldset>
<legend>| <?php finenu2();?> |</legend>
<br>
<?php
Display User Details
ho "
able border="0" width="100%" id="table1" height="0">
<tr>
<td width="30%"> Pin Number:</td>
<td width="70%">$refno</td>
```

```

tr>
<tr>
<td>Name:</td>
<td> <input type='text' name='nama' value='$nama' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>IC Number:</td>
<td> <input type='text' name='icno' value='$icno' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>Date of Birth:</td>
<td> <input type='text' name='dob' value='$dob' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>Age:</td>
<td> <input type='text' name='umur' value='$umur' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>Address:</td>
<td> <input type='text' name='alamat' value='$alamat' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>Phone No:</td>
<td> <input type='text' name='tel' value='$tel' size='35' maxlength='35'/></td>
</tr>
<tr>
<td>E-mail:</td>
<td> <input type='text' name='email' value='$email' size='35' maxlength='35'/></td>
</tr>
<tr>
<td height='44'>&nbsp;</td>
<td height='44'><input type='submit' value='Update'>
<input type='reset' value='Reset'></td>
</tr>
able>";
</fieldset>
</form></td>
r>
>
td height="19">&nbsp;</td>
td></td>
td></td>
r>
ble>
hp

/ If user and password are not correct print error message
{
else {
echo "Incorrect username/password";
exit;
}

ody>
tml>

```

```

                                pay.php
DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
<script type="text/JavaScript">

function MM_goToURL() { //v3.0
i, args=MM_goToURL.arguments; document.MM_returnValue = false;
for (i=0; i<(args.length-1); i+=2) eval(args[i]+"."+location+"="+args[i+1]+"");
}

</script>
<script type="text/JavaScript">
//?php
time = time();

//check if there is a cookie, if there isn't then exit!
if (!isset($_COOKIE['cookie_info'])) {
echo "Cannot access this page: You aren't logged in";
echo "?> <a href="">Login</a>";
}

</script>

//there is a cookie, validate the cookie
{

// Use Connect Script
include("connect.php");

// Include the validation of user file
include("validateuser.php");

// If user and password are correct
if (validateuser() == true) {

    // Use cookie and Extract the cookie data (Username and Password)
    $cookie_info = explode(".", $_COOKIE['cookie_info']);
    $namecookie = $cookie_info[0];
    $passcookie = $cookie_info[1];

    //echo "Your Reference Number: $namecookie <br><br>";

    require_once("functions.php");
    menu();
}

}

</table border="1" width="762" border="0" cellpadding="0" cellspacing="0">
<tr>
<td colspan="2" style="text-align: center; vertical-align: middle; padding: 10px;">


|                                       |                                    |
|---------------------------------------|------------------------------------|
| Applicant                             | <input type="text" value="" />     |
| Password                              | <input type="password" value="" /> |
| <input type="submit" value="Check" /> |                                    |


```

legend>Status</legend>

?php

```
$search = $_POST['search'];
```

```
$query0 = mysql_query("SELECT * FROM grabdata");
$search1 = mysql_result($query0,0,0);
```

```
$query1 = mysql_query("SELECT * FROM approval WHERE refno = '$search1' ");
$refnoo = mysql_result($query1,0,0);
$fapprove = mysql_result($query1,0,1);
$fdate_approve = mysql_result($query1,0,2);
$fwho = mysql_result($query1,0,3);
$fcomment = mysql_result($query1,0,4);
$happrove = mysql_result($query1,0,5);
$hdate_approve = mysql_result($query1,0,6);
$hwho = mysql_result($query1,0,7);
$hcomment = mysql_result($query1,0,8);
```

// Get details of files from Database and put them in variables

Get details of user from Database and put them in variables - Form 1/4

```
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$search1' OR icno = '$search1' OR refno = '$search' OR icno = '$search'");
```

```
$refno = mysql_result($query,0,0);
$name = mysql_result($query,0,1);
$icno = mysql_result($query,0,2);
$dob = mysql_result($query,0,3);
$umur = mysql_result($query,0,4);
$salamat = mysql_result($query,0,5);
$stel = mysql_result($query,0,6);
$semail = mysql_result($query,0,7);
```

// Get detail - Form 2/4

```
$nostaf = mysql_result($query,0,8);
$jawatan = mysql_result($query,0,9);
$gred = mysql_result($query,0,10);
$staraf = mysql_result($query,0,11);
$skim = mysql_result($query,0,12);
$skementerian = mysql_result($query,0,13);
$jabatan = mysql_result($query,0,14);
$salamatkerja = mysql_result($query,0,15);
$starikhkerja = mysql_result($query,0,16);
$gaji = mysql_result($query,0,17);
$selau = mysql_result($query,0,18);
```

// Get detail - Form 3/4

```
$kendaraan = mysql_result($query,0,19);
$model = mysql_result($query,0,20);
$silinder = mysql_result($query,0,21);
$nochasis = mysql_result($query,0,22);
$noenjin = mysql_result($query,0,23);
$nodaftar = mysql_result($query,0,24);
$shargabersih = mysql_result($query,0,25);
$skondisi = mysql_result($query,0,26);
//Get detail - Form 4/4
$biayamaks = mysql_result($query,0,27);
$biayapohon = mysql_result($query,0,28);
$stempohbayar = mysql_result($query,0,29);
$staloandate = mysql_result($query,0,30);
$loanamount = mysql_result($query,0,31);
$noakaunloan = mysql_result($query,0,32);
$comfirm = mysql_result($query,0,33);
```

```
$tarikpohon = mysql_result($query,0,34);
```

```
$sidindb = mysql_query("SELECT * FROM app_detail WHERE refno = '$search' OR icno = '$search' OR refno = '$search1' OR icno = '$search1'");
```

```
$sidindb = mysql_num_rows($sidindb);
```

```
if ($search == ""){
echo "<font color=red>Please make sure you input the username or ic number.</font>";
} else
if ($sidindb == 0){
echo "<font color=red>The File Does Not Exist</font>";
} else {
echo"[$refno] - Data Retrieved";
mysql_query("DELETE FROM grabdata");
mysql_query("INSERT INTO grabdata VALUES ('$search','$namecookie')");
```

```

}

?>

fieldset</td>
>
>
d height="25"&nbsp;</td>
d valign="top"><fieldset><legend>Information </legend>
?php echo" - $refno | $nama -", ?>
fieldset</td>
>
>
d height="6"></td>
d</td>
d</td>
?>
>
d height="58" colspan="3" valign="top"><form action="pay.php" method="POST">
  <fieldset>
    <legend>| <?php paymentmenu();?> |</legend><br>
    display
    <br>
    <p align="right">
      <label>
        <input type="submit" name="Submit2" value="Refresh" />
      </label>
    </p>
  </fieldset>
</form></td>
r>
>
td height="63">&nbsp;</td>
td</td>
td</td>
r>
:ble>
hp

/ If user and password are not correct print error message
}
else {
  echo "Incorrect username/password";
  exit;
}

ody>
tml>

```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>
```

```
<body>
<p>
<time = time();
```

```
Check if there is a cookie, if there isn't then exit!
if (isset($_COOKIE['cookie_info'])) {
    echo "Cannot access this page: You aren't logged in";
    exit;
}
```

```
if there is a cookie, validate the cookie
{
```

```
Use Connect Script
include("connect.php");
```

```
Include the validation of user file
include("validateuser.php");
```

```
If user and password are correct
if (validateuser() == true) {
```

```
// Use cookie and Extract the cookie data (Username and Password)
$cookie_info = explode(".", $_COOKIE['cookie_info']);
$namecookie = $cookie_info[0];
$passwordcookie = $cookie_info[1];
```

```
// Get details of user from Database and put them in variables
$query = mysql_query("SELECT * FROM app_detail WHERE refno = '$namecookie'");
$result = mysql_result($query,0,0); // Reference Number
```

```
// Get details of user from Database and put them in variables
```

```
$query = mysql_query("SELECT * FROM user WHERE username = '$namecookie'");
$username = mysql_result($query,0,0);
$password = mysql_result($query,0,1);
$access = mysql_result($query,0,2);
```

```
require_once("functions.php");
menu();
```

```
</body></html><legend>User Registration</legend><form name="form1" method="post" action="registeract.php">
<table border="0" width="100%" id="table1" height="0">
<tr><td colspan="2">
<table border="0" style="width:100%; height:100%; border-collapse: collapse;">
```

```
<tr>
<td style="width:161px; height:24px;>&nbsp;</td>
<td style="width:185px; vertical-align:top">Username:</td>
<td style="width:246px; vertical-align:top"><input type="text" name="username2"></td>
<td style="width:150px;>&nbsp;</td>
</tr>
<tr>
<td style="height:24px;>&nbsp;</td>
<td style="vertical-align:top">Password:</td>
<td style="vertical-align:top"><input type="password" name="password"></td>
<td style="width:150px;>&nbsp;</td>
</tr>
<tr>
<td style="height:24px;>&nbsp;</td>
<td style="vertical-align:top">Name:</td>
<td style="vertical-align:top"><input type="text" name="nama"></td>
<td style="width:150px;>&nbsp;</td>
</tr>
<tr>
<td style="height:24px;>&nbsp;</td>
<td style="vertical-align:top">IC Number :</td>
<td style="vertical-align:top"><input type="text" name="icno"></td>
<td style="width:150px;>&nbsp;</td>
</tr>
<tr>
<td style="height:24px;>&nbsp;</td>
```


register.php

```
<td valign="top">Post:</td>
<td valign="top"> <input type="text" name="jawatan"></td>
<td>&nbsp;</td>
</tr><tr>
<td height="24">&nbsp;</td>
<td valign="top">Login Access:</td>
<td valign="top"> <select name="access">
<option value="" selected="selected">-Select-</option>
<option value="admin">Administrator</option>
<option value="finance">Finance Department</option>
<option value="head">Head of Department</option>
<option value="user">User</option>
</select></td>
<td>&nbsp;</td>
</tr>
</table>
<div align="center"><input type="submit" name="Submit" value=" Register "></div>
</fieldset>
</p>
<pre>
If user and password are not correct print error message

se {
echo "Incorrect username/password";
exit;

</pre>
</div>
```


system.php

```
if
here is no cookie present
isset($_COOKIE['cookie_info']) {

' Variables that data come from the form
username = $_POST["username"];
pass = $_POST["pass"];

' Check if username and password were submitted
if (!$username) {
echo "<center>Cannot access this page: You aren't logged in <br><br><a href='index.php'>Back</a>"; exit;
}
if (!$pass) {
echo "<center>Cannot access this page: You aren't logged in <br><br><a href='index.php'>Back</a>"; exit;
}

' Use Connect Script
include("connect.php");

' MD5 Username and Password
$username = MD5($username);
$password = MD5($password);

' Check if username exists. If not then say no such username.
issuchusername = mysql_query("SELECT * FROM user WHERE username = '$username'");
$usernamelogin = mysql_num_rows($issuchusername);

' If username exists
if ($usernamelogin == 1) {

    $issuchpassword = mysql_query("SELECT * FROM user WHERE username = '$username' AND password = '$password'");
    $passwordlogin = mysql_num_rows($issuchpassword);

    // If password is correct
    if ($passwordlogin == 1) {

        $time = time();
        $cookie_data = $username.'.'.$password;
        if (setcookie("cookie_info", $cookie_data, $time+3600)==TRUE) {
        }
        else {
            echo "Your computer does not support cookies. <BR> To view other pages after logged in you need to have cookies enabled.<BR>";
        }
    }
    else {
        echo "<center><b>Incorrect Username/Password <br><br><a href='index.php'>Back</a>";
        exit;
    }
}
else {
    echo "<center><b>Incorrect Username/Password <br><br><a href='index.php'>Back</a>";
    exit;
}
}

end if no cookie present

<DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body>
<div id="hp">
<script>require_once("functions.php");
        menu();
    </script>
</div>
</body>
</html>
```

```

function validateuser() {
    // Use cookie information and validate cookie
    // Use cookie and Extract the cookie data (Username and Password)
    // 'cookie_info' is the cookie name you assigned it when making the cookie
    $cookie_info = explode("=", $_COOKIE['cookie_info']);
    $namecookie = $cookie_info[0];
    $passcookie = $cookie_info[1];

    // Check if username exists
    $usernamelogin = mysql_num_rows(mysql_query("SELECT * FROM user WHERE username = '$namecookie'"));

    // Username exists
    if ($usernamelogin == 1) {
        // Check if password matches the database password
        $passwordlogin = mysql_num_rows(mysql_query("SELECT * FROM user WHERE username = '$namecookie' AND password = '$passcookie'"));

        // If password is correct
        if ($passwordlogin == 1) {
            // User is now logged in
            return (true);
        }

        // If the password is incorrect
        else {
            return(false);
        }
    }

    // If the username was not found in database
    else {
        return(false);
    }
}

```