

**TABUNG AMANAH ZAKAT UNIVERSITI TEKNOLOGI  
PETRONAS (TAZUTP) ONLINE SYSTEM**

**by**

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# **CERTIFICATION OF APPROVAL**

Tabung Amanah Zakat Universiti Teknologi PETRONAS  
“TAZUTP”

By  
Nurul Rafiqah Binti Bawa Sarfudeen

A project dissertation submitted to the  
Information and Communication Technology  
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in partial fulfillment of the requirement for the  
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(Information and Communication Technology)

Approved by,

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May 2015

## **CERTIFICATION**

### **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.

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**NURUL RAFIQAH BINTI BAWA SARFUDEEN**

## **ABSTRACT**

Tabung Amanah Zakat is a fund that is given to needy people. In this context, Tabung Amanah Zakat Universiti Teknologi PETRONAS (TAZUTP) is there to help and give aid to those needy students in UTP. The current business process is done manually if the students want to apply zakat. However, with this manual ways, there are a lot of problem have been faced by An-Nur Islamic Centre (NIC). The first problem is that, some of the important details is not been fill up by the applicants. Hence, potential candidates will be rejected by Higher Committee of NIC. Lastly, the short listed candidate does not aware on the call for interview until the very last minute as they does not frequently checked their emails. Therefore, the objective of this research is to offer effective distribution plan for NIC to analyze the distribution of zakat through the development of TAZUTP website. The applicants can always keep their self-updated as they can view the status of the applications. The scope for this project is for the Malaysian UTP Student only who are pursuing in foundation, undergraduate or postgraduate studies in UTP. The language used for this application is English. The project is using Agile Development methodology which is very flexible as the developer can apply any changes throughout any phases of the development. TAZUTP website includes application submissions and record storage. In conclusion, it is beneficial to develop this TAZUTP online zakat system to increase effective and to select the right needy candidate to get the zakat.

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## **ABBREVIATIONS AND NOMENCLATURES**

MMU	Multimedia Universiti
NIC	An-Nur Islamic Centre
TAZ	Tabung Amanah Zakat
TAZUTP	Tabung Amanah Zakat Universiti Teknologi PETRONAS
UNIMAP	Universiti Malaysia Perlis
UNITEN	Universiti Tenaga Nasional
UPM	Universiti Putra Malaysia
UTP	Universiti Teknologi PETRONAS

# CHAPTER 1

## INTRODUCTION

### 1. 1 Background of Study

Zakat is an obligatory religion act meant by Allah s.w.t for each adult Muslims to achieve divinely-prescribed socio-economic objectives. Literally, zakat is defined as purification; of Muslim's wealth. According to Chapra (1992), basically it is self-help to support those poor and needy who are unable to help themselves so as to improve and enlighten misery and poverty from Muslim society.

The third pillar of Islam is zakat which is done by a sane Muslim adult. This act of zakat need to be done annually. Zakat is also known as one of the essential form of charity (sadaqah). According to Al-Qardhawi (1993), in Al-Quran, thirty times zakat are mentioned in twenty seven of it, is associated with solah. Not only have that, in many surah in Al-Quran the word zakat also been known as sadaqah, haq and infak. Hence by doing sadaqah, it keeps us, the Muslims who are earning above what is required away from sin. In al-Quran, Surah Ar-Rum[30:39] where Allah s.w.t says:

*“And that which you give in gift (to others),in order that it may increase (your wealth by expecting to get a better one in return) from other people’s property, has no increase with Allah, but that which you give in Zakat seeking Allah’s Countenance then those, they shall have manifold increase.”*

As a Muslim who is in need, especially students from a poor background studying in a higher learning institution, they can apply for Tabung Amanahh Zakat (TAZ) under respective institution. Tabung Amanahh Zakat Universiti Teknologi PETRONAS better known as TAZUTP is being managed by An-Nur Islamic Centre.

The An-Nur Islamic Centre (NIC) is generally responsible to provide services in assisting UTP Muslim students in their spiritual growth and development by means of

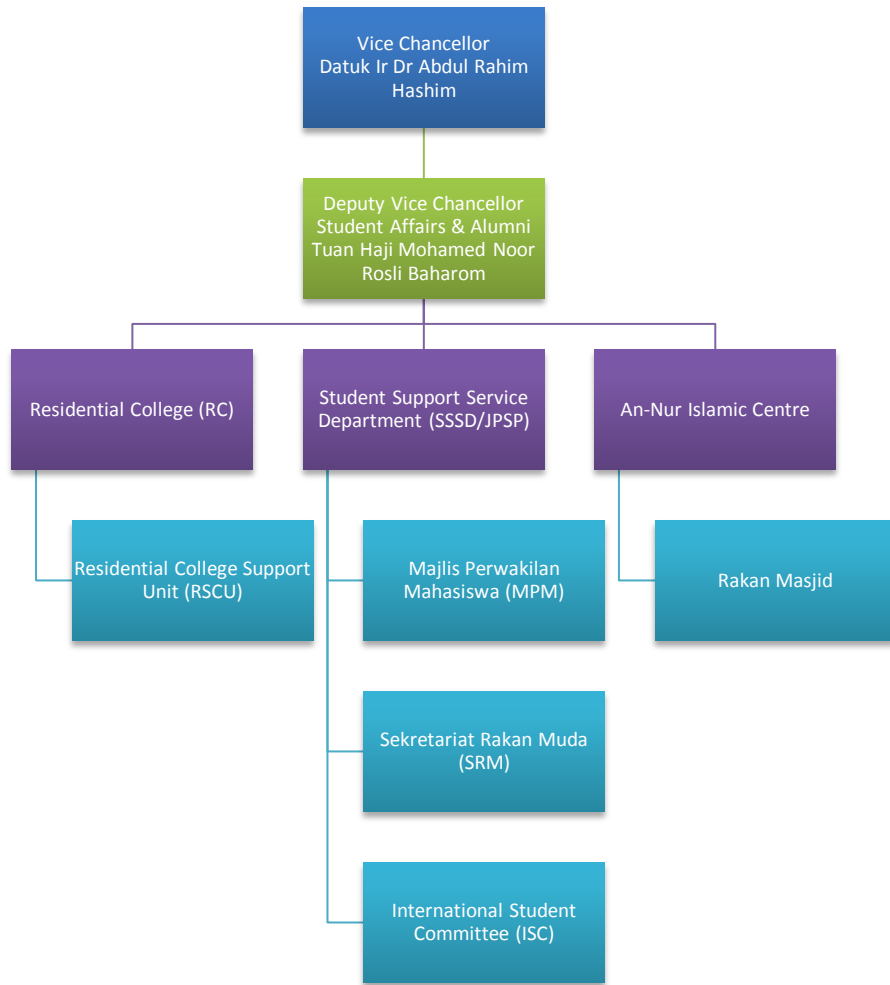
organizing comprehensive Islamic guidance and programs. The vision of NIC is to be a “platform to develop human potential founded by spiritual strength. To align with that, NIC is acting as a centre for human development in UTP. Hence their mission is to provide opportunities for enhancement of students’ talent towards achieving the graduates well-roundedness founded by the principles of the Quran and the Sunnah.

Not only that, NIC also aim to nurture students’ capability in leadership, creativity, innovation and social engagement for the purpose to inculcate positive attitude of competitiveness and balance in life.

The objectives of NIC are

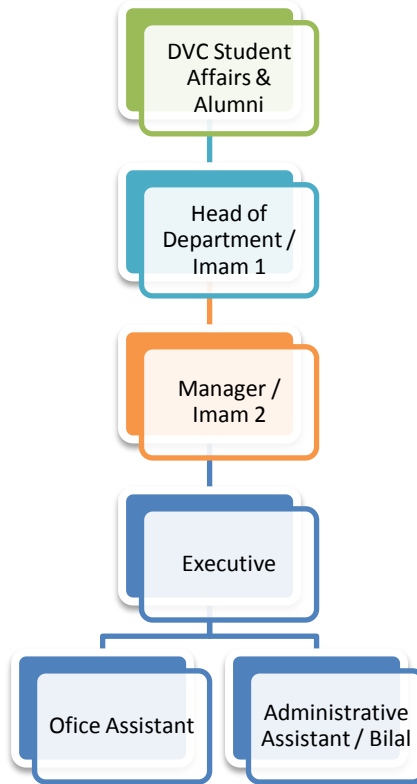
- Manages the mosque facilities to ensure that they are at all time in conducive condition for the Muslim community at and around UTP to perform their daily religious obligations.
- Organize student’s development programs through lectures, seminars, workshop and courses to inculcate Islamic values in order to produce well-rounded graduates.
- Develop leadership and organizational skill among students through Rakan Masjid’s Programs.
- Offers spiritual and moral consultations towards realization and appreciation of best akhlaq (behaviors), resilience, high moral and self-restrain.
- Fostering the spirit of contributing to the wellbeing of UTP’s social environment through responsibly practicing the appropriate teachings of Islam in a multi – faith and multicultural environment.

NIC is a body where it is been monitor directly under Deputy Vice Chancellor Students Affairs & Alumni (DVC SAA). There are few other bodies handled by DVC SAA like Residential College (RC) and Student Support Services Department (SSSD/JPSP). (Refer to Figure 1)



**Figure 1 UTP Organizational Structure**

Figure 2 shows the organizational structure of NIC. Every year NIC will distribute zakat for UTP student through TAZUTP.



**Figure 2 NIC Organizational Structure**

## **1.2 Problem Statement**

### **1.2.1 Problem Identification**

The current business process for the needy students that wants to apply for zakat in UTP is for them to go to NIC to get the form. After that, they need to fill in the required details together with supporting documents. The students will submit the applications manually. However, there are huge possibilities that the application form is not fully filled in. The students might miss few important details. Due to that, the application might be rejected by the Higher Committee of NIC.

If the student managed to fill in all the details and get selected by the Higher Committee of NIC, then, he or she needs to attend an interview for further clarification of details. During the filtering period, the Higher Committee of NIC

might be overlooking on potential candidates due to unclear handwriting, misrepresentation of data etc.

The period to call the candidate for the interview is depending on NIC. There is no specific period from the day the applicants sent their form. The candidate should always be alert for the interview call. There is higher chance that he or she does not notice it until the very last minutes of the call for the interview date. When the interview session is over, the finalized candidate is chosen for the zakat.

Those who get the zakat will be informed through calls or emails. In most cases, the successful candidate for the zakat rarely checks his or her email. Considering for those unsuccessful interviewed candidates might be excitedly waiting for the good news yet they received none. (Refer to Figure 3 for the flow chart of zakat application.) Hence, to overcome all these problems, applying and viewing the status for the application via online zakat system will be preferable. Thus, NIC decided to create a website application known as Tabung Amanah Zakat Universiti Teknologi PETRONAS (TAZUTP) for Universiti Teknologi PETRONAS (UTP) students.

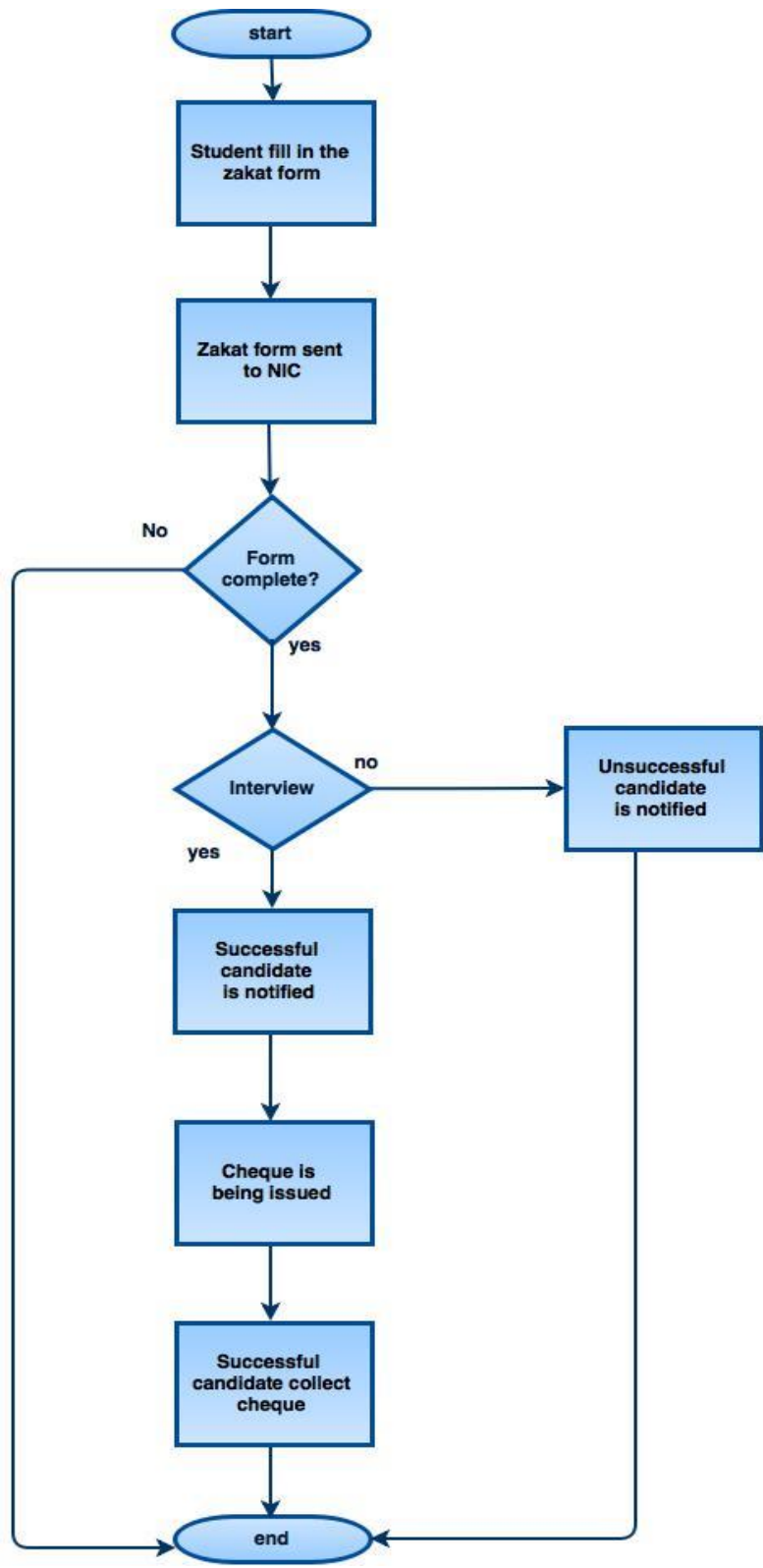


Figure 3 flow chart of zakat application

### 1.2.2 Significant of the Project

The project will be a medium for the student in applying the zakat via online system which is more systematic, easy and effective. NIC Management as well will be able to identify the needy student in an effective way. In al-Quran, Surah Al-Baqara [2:110] where Allah says:

*“It is not Al-Birr (piety, righteousness, and each and every act of obedience to Allâh, etc.) that you turn your faces towards east and (or) west (in prayers); but Al-Birr is (the quality of) the one who believes in Allâh, the Last Day, the Angels, the Book, the Prophets[] and gives his wealth, in spite of love for it, to the kinsfolk, to the orphans, and to Al-Masâkin (the poor), and to the wayfarer, and to those who ask, and to set slaves free, performs As-Salât (Iqâmat-as-Salât), and gives the Zakât, and who fulfill their covenant when they make it, and who are patient in extreme poverty and ailment (disease) and at the time of fighting (during the battles). Such are the people of the truth and they are Al-Muttaqûn.”*

Not only that, they will be able to keep track of the asnaf zakat and TAZUTP representatives for the future reference. Since the project is a web-based application, it will attract the asnaf zakat and TAZUTP students to use the website as they do not need to fill in the form and submit it manually. Hence, this will save the money; energy and time spend which it will lead to increase the effectiveness of this zakat distribution process.

### 1.3 Objectives and Scope of Studies

The objectives of this project are:

- I. To analyze the distribution of zakat through TAZUTP and suggest NIC the effective distribution plan for the future.
- II. To develop portal for TAZUTP.



The target group of this project is the asnaf zakat and needy UTP Muslim students who are studying in Foundation level up to Postgraduate level. This zakat is only applicable for Malaysian. This website will be able to run on any internet browser. The language used for this website will be English.

#### **1.4 Relevancy of Project**

This project is relevant in helping NIC Management in identifying and managing the records of the zakat applicants in UTP. It is significant in providing efficiency by keeping track of the records and analyzing the records itself. Moreover, the emerging of online form application (online zakat application) trends as one of the effective ways to manage forms and data of the applicants could offer great benefit to NIC.

#### **1.5 Feasibilities of the Project within the Scope and Time Frame**

The project is feasible as it does not require any extra equipment to create the website. It will require a computer with basic compiler to code the program. The first semester of the project will be used for thorough requirement analysis, literature review research and design prototyping. The following semester will focus on the website development. The project should be completed within the duration of 7 months from January 2015 till May 2015. (Refer to Gantt chart on Appendix 1&2).

## **CHAPTER 2**

### **LITERATURE REVIEW**

#### **2.1 What is Zakat?**

Literally zakat is derived from Arabic root word which have the meanings of “that which fosters” and “that which purifies” (Siddiqi, 1968, p. 28; Mannan, 1986; Zayas, 2003). According to A.Bakar and A.Ghani (2011), Zakat is a symbol of Islamic economy justice where it is believe that wealth is a gift from the Creator, Allah. Hence, it is known as an act of worship. Meanwhile, according to Dhar (2013), Zakat is monetry devotion based on the idea that all things belong to Allah (God), and that wealth is therefore positioned at the disposal of mankind as a trust.

Not only that, according to Sayyid Sabiq (1991) as quoted by (Bakar and Rahman, 2007), zakat is known as “that portion of a man’s wealth is designated for the poor” and “ a compulsory levy imposed on Muslim so as to take surplus money or wealth from the comparatively well-to-do members of the Muslim Society and give it to the destitute and needy” ( Zaim, 1989, p.101). The passion of human beings is purified through allocating a proportion of the wealth for the distressed and needy as mandated in the Quran. Zakat does not only purify the property, but also purifies one from selfishness and greed.

According to Wiliasih et al (2011), zakat is crucial to be a financial tool to narrow down the gap between the poor and the rich so that the needy people will increase their standard of living by breaking the poverty cycle. The recipient of Zakat also purifies himself from envy, jealousy, hatred and uneasiness as it will foster goodwill, gratefulness and warm wishes for the contributors.

Zakat as one of the five fundamentals of Islam was made compulsory in the second year of Hijrah whereby it has been mentioned 30 times in the Al Quran. It carries the concept of spending the wealth for the sake of heart purifying of the material wealth (Quran, 9:103). There should be no burden of obligation on one who receives zakat, but a sense

of thankfulness and gratitude on the part of the giver, since this has been enabled by the recipient to discharge his obligation that he owes to Allah and the society.

Dhar, (2013) also stated that with regards to the society, zakat signifies a major economic means for establishing social justice, which will lead to prosperity and security. Zakat is obligatory for every mentally stable, adult, free and financially able Muslim as mentioned in the Quran, Surah At-Taubah [9:60]:

*“The alms are only for the poor and the needy, and those who collect them, and those whose hearts are to be reconciled, and to free the captives and the debtors, and for the cause of Allah, and (for) the wayfarers; a duty imposed by Allah. Allah is knower, Wise.”*

### **2.1.1 Obligation of Zakat**

As a Muslim, a person who holds the criteria to pay the zakat should be

- Adult Muslim
- Sane
- Person is having a minimum amount of extra wealth which is known as nisab.

### **2.1.2 Exemptions from Zakat**

If a person is having less than amount of the nisab, it is not an obligation for him to pay the zakat. Only those having extra nisab is obligated to pay based on:

- Having minimum amount of wealth for a whole lunar year.
- The wealth a person is having should be from a productive nature, where they can get benefit through it like gold, silver, business and livestock.
- A person who is having the minimum nisab should be free from any debt to someone.

### 2.1.3 Categories of Asnaf

Zakat is distributed among people that deserve to receive it. They are also known as asnaf that could be categorized as below:



Figure 4 Categories of Asnaf

### 2.1.4 Type of Zakat

#### 1. Zakat Fitrah

Zakat Fitrah is an obligation that must be paid by all the Muslim before Eid prayer is conducted. Zakat is always collected during Ramadhan. The amount of zakat is approximately around 3kg of basic food per country or an amount of money which is equivalent to the price of the food.

#### 2. Zakat Mal (Wealth)

There are few categories of Zakat Mal which are:

- Zakat for Income and Salary
- Zakat for Business
- Zakat for Agriculture
- Zakat for Stocks
- Zakat for Savings
- Zakat for Gold and Silver

### 2.2 Zakat Collection

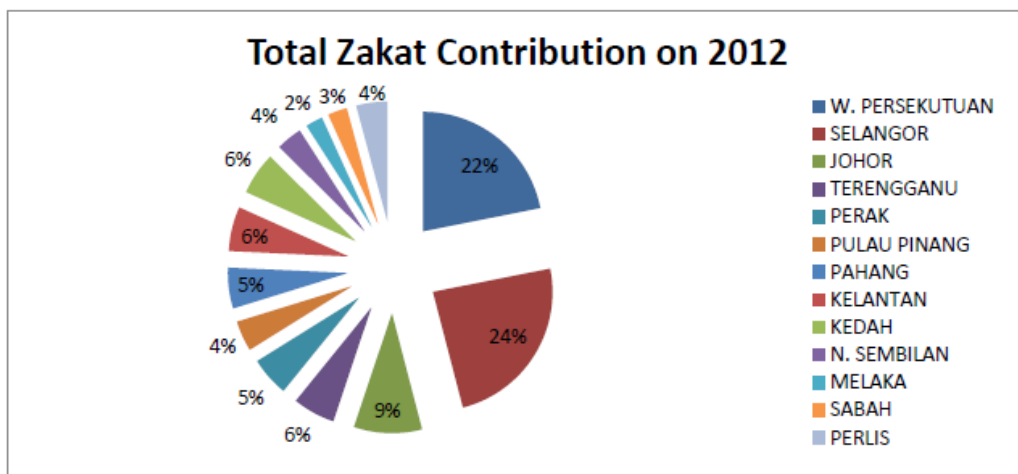


Figure 5 Total Zakat Collection on 2012

According to Pusat Pungutan Zakat (2013), the highest zakat collection is from an advanced state, Selangor compared to other states. This state has collected RM451 million as zakat amount which it exceeded the target. Based from the graph above we can identify that total zakat contribution from each states of Malaysia. Perak only contribute around 5% from the total collection of zakat in 2012. According to MAIPk (2015), Perak have collected around RM103,202,759.00 in 2012.

### 2.3 Zakat Distribution in Supporting Education

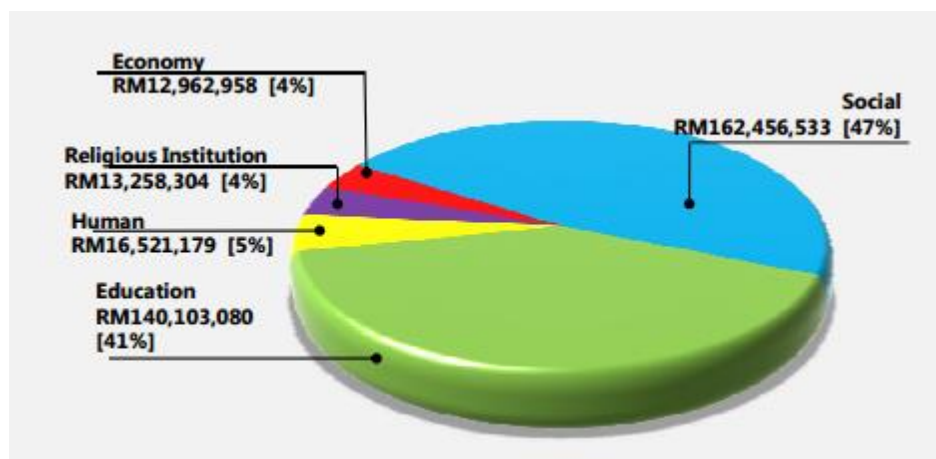


Figure 6 Distribution by Programme (Pusat Pungutan Zakat, 2013)

According to Pusat Pungutan Zakat (2013), around 37% of zakat are being distributed to the fakir and miskin asnaf as they are the majority of the zakat recipients. Meanwhile, funds are also allocated under Social Development Programme around 47%. As for the education purpose around 41% is allocated. The amount of money given per university is depends on the number of fakir and miskin asnaf. This is because, after the needy students had been identified, and relevant interview is conducted. The final list name will be sent to respective states to issue cheque for the aids. According to MAIPk (2015), Perak have distributed zakat around RM82,093,742.00 in 2012

## **2.4 Problems in Collecting and Distributing Zakat**

Yusop, Ili Diyana, Sanep Ahmad, and Hairunnizam Wahid. (2013) stated that, there are few problems in collection and distribution of zakat in Malaysia. Firstly, is due to unclear and incomplete information of the asnaf. Hence, to avoid this kind of incomplete information, few programs need to be done to improve the relationship between Baitulmal and needy asnaf.

Secondly, would be the distribution of zakat towards asnaf. There are few states in Malaysia allocate zakat only for seven category of asnaf. Riqab had been left out from the zakat allocation as the Baitulmal feels that there are no people who need funds from that category. However, Baitulmal should carry out zakat for Riqab so that those who are supposed to receive it are not dropout. It is because, it will help the Riqab asnaf to improve their style and standard of living.

Next would be impression about Fakir and Poor Asnaf. Community does not understands the pure definition of fakir and poor. They think single mother and disable people are those who are eligible to get the zakat. Hence, Baitulmal needs to be transparent enough to solve this kind of arising problems. They needs to organize a promotional program where they spread the real information regarding the asnaf. This step is very important to make sure only those deserves needy people will get the zakat.

Besides that, shortage of labor is one of the problems too. In Malaysia, there is shortage of labor that is working in this area. There are a lot of program being planned yet not all of it can be execute due to this problem. Hence, Pusat Pungutan Zakat needs to make sure all the planned activities or programs can be executed, by increasing the staff numbers.

Lastly would be the long term effects. In line with the policies and the meaning of word Fisabilillah, there should be ongoing studies in analysis and interpreting the programs for asnaf. This is important to make sure the right aid is channeled to give maximum impact and can be felt for a long term purpose. The entire programs are conducted under

Human Resource Development to stabilize and increase a person's living. So that, these asnaf would be able to pay their own zakat in the future instead of receiving it. It was narrated from Hisham ibn Urwa from his father from Abu Hurairah. of the Prophet. said:

*“Hands on (giving and helping) hand is better than under (begging), start people who become tanggunganmu (family, etc.) and the best of Sadaqah is released from the excess wealth (which is needed by the family)” (HR : Al-Bukhary and Ahmad)*

## **2.5 Available Tabung Amanah Zakat in Universiti at Malaysia**

Currently in Malaysia there are only few universities that have Tabung Amanah Zakat website which are Universiti Tenaga Nasional (UNITEN), Multimedia Universiti (MMU), Universiti Putra Malaysia (UPM) and Universiti Malaysia Perlis (UNIMAP). Figure 7 until Figure 10 shows the website for each university.

### **2.5.1 Universiti Tenaga Nasional (UNITEN)**

Figure 7 is the website that only allows the students to download the forms. The student needs to fill in and send it manually to their zakat unit.





- TABUNG AMANAH ZAKAT UNITEN
- Laman Utama
- Bahagian Pungutan
- Bahagian Pengagihan
- Muat Turun Borang

## Muat-Turun

### Broshure Zakat



- Profil TAZU (Muka Depan)
- Profil TAZU (Muka Belakang)



- Zakat dan Taksirannya (Muka Depan)
- Zakat dan Taksirannya (Muka Belakang)

### Borang Pembayaran Zakat Melalui Skim Potongan Gaji

- Borang Salinan L2S
- Borang Salinan Permohonan
- Borang Salinan Majikan
- Borang Salinan Tabung Amanah Zakat UNITEN

### Borang Permohonan Bantuan Zakat

- Borang Permohonan Bantuan Zakat Anggota Kerja
- Borang Permohonan Bantuan Zakat Pelajar

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Figure 7 TAZUNITEN

## 2.5.2 Multimedia Universiti (MMU)

As illustrated in Figure 8, MMU website also only allows their students to download the forms. The student needs to fill in and send it manually to their zakat unit. However, they have a mobile application to pay the zakat via online.

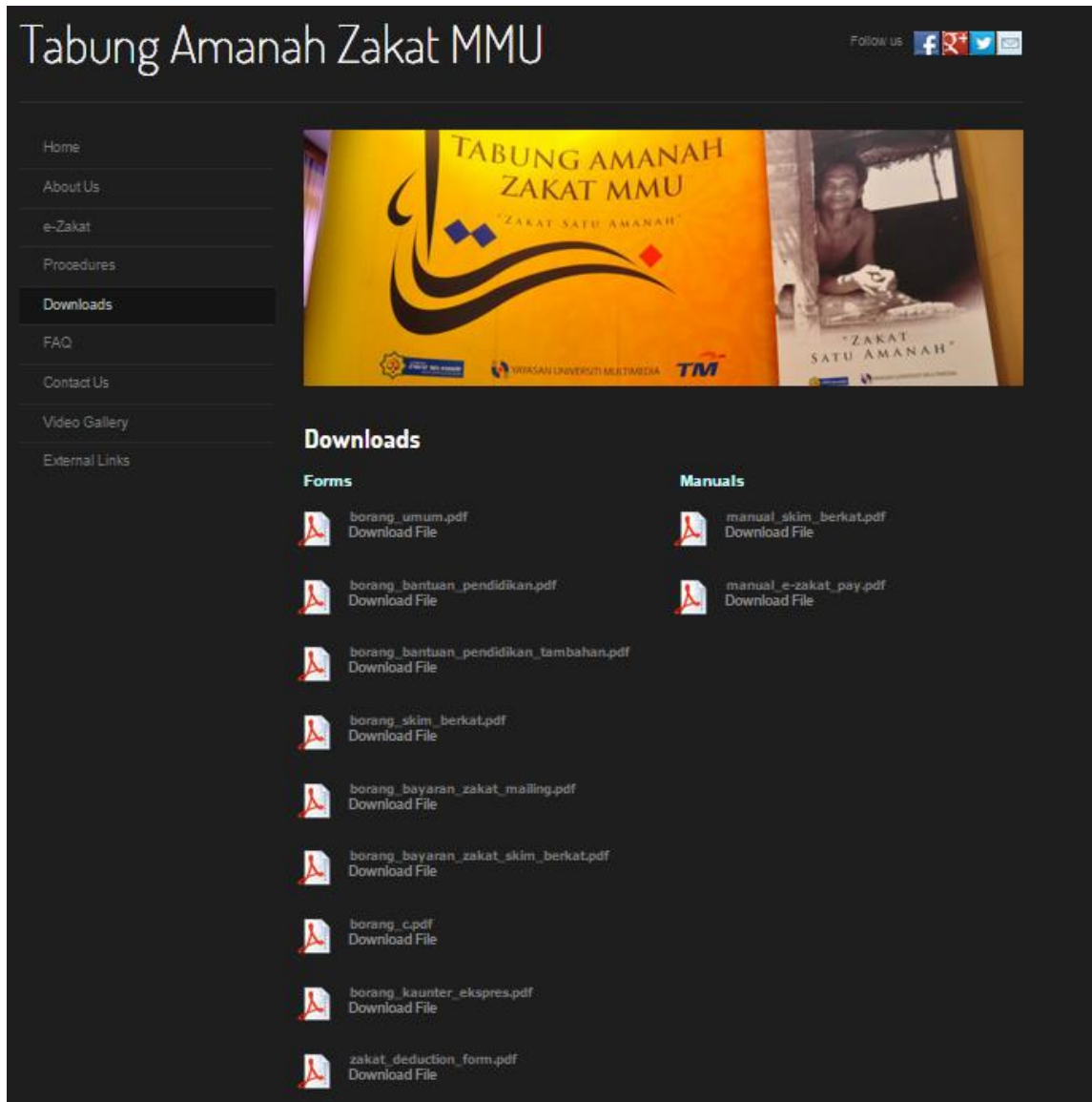


Figure 8 TAZMMU

### 2.5.3 Universiti Putra Malaysia (UPM)

Figure 9 shows UPM have come out with a portal for their students to apply the zakat using online system. The system is known as eZakatv2. Student need to log in to apply the zakat.

**eZakat<sub>v2</sub>** Sila gunakan

**SYARAT PERMOHONAN**

1. Pelajar Universiti Putra Malaysia yang beragama **ISLAM**.
2. Mengikuti pengajian **sependuh masa** di peringkat asasi / diploma / ijazah pertama / sarjana.

**PANDUAN MENGISI BORANG :**

1. Sila isikan semua maklumat dengan jelas dan lengkap.
2. Pastikan dokumen berikut telah **disahkan benar** sebelum dimuatnaik.
  - Salinan kad pengenalan.
  - Salinan kad matrik.
  - Salinan penyata gaji / penyata pencen / surat pengesahan pendapatan ketua keluarga.
  - Salinan penyata mini CIMB / muka depan buku akaun CIMB / Slip Pengesahan Nombor Akaun CIMB (Account Information)
  - Salinan keputusan peperiksaan terkini / Surat tawaran kemasukan.
  - Salinan lejar pelajar (*jika berhutang dengan universiti*).
  - Salinan surat tawaran praktikal (*jika memohon bantuan praktikal / latihan industri*).
3. Proses Temuduga Zakat.
  - a) Sila tentukan sekurang-kurangnya **tiga** (3) pilihan **Tarikh** dan **Waktu** temuduga zakat semasa mengisi borang.
  - b) Anda akan dihubungi bagi memuktamadkan Tarikh dan Waktu proses temuduga.
  - c) Sila hadir ke sesi temuduga pada tarikh, masa dan tempat yang telah ditetapkan
4. Anda akan menerima keputusan permohonan zakat atas talian dalam tempoh **dua puluh satu (21) hari bekerja** dari tarikh sah permohonan.

**PERINGATAN**

1. Permohonan yang tidak lengkap akan ditolak.
2. Anda tidak jujur sekiranya :
  - a) Memberikan maklumat palsu ketika memohon bantuan zakat.
  - b) Menyalahgunakan wang bantuan setelah berjaya menerimanya.

Pegguna baharu? **Sila Daftar**

Log Masuk Pengguna

No Matrik

Kata Laluan

**Login** [ Lupa kata laluan ]

Figure 9 TAZUPM eZakatv2

### 2.5.4 Universiti Malaysia Perlis (UNIMAP)

UNIMAP also have come out with an online zakat application, online application for special funds and online application for special fund know as I-VCAP in a portal for their students (Refer to Figure 10).

**Sistem e-Tabung**  
Universiti Malaysia Perlis

- Sistem ini dibangunkan untuk memberi kemudahan kepada pelajar membuat permohonan Tabung Amanah Zakat, Tabung Amanah Khas dan Tabung Amanah Khas (I-VCAP) secara atas talian.
- Pemilik Sistem ialah Unit Pinjaman & Kebajikan Pelajar, Jabatan Hal Ehwal Pelajar & Alumni.
- Untuk Bantuan Teknikal, sila hubungi :  
Bahagian Pengurusan Sistem Maklumat  
Pusat Teknologi Maklumat & Komunikasi  
Universiti Malaysia Perlis  
Kampus Kubang Gajah,  
01000 Kangar Perlis.  
Tel : 04-9798108  
Faks : 04-9798227  
E-mail : helpdesk@unimap.edu.my

**Login**

Katanama :

Katalaluan :

**Hantar**

[Panduan Pengguna](#)

Reserved Copyright © Universiti Malaysia Perlis, 2011.  
MIS Division | Information and Communication Technology Centre, UniMAP.

Paparan Terbaik Menggunakan Mozilla Firefox 5.0 Atau Internet Explorer 8 ke Atas Dengan Resolusi 1280 x 800 pixels

**Figure 10 TAZUNIMAP e-Tabung**

### **2.5.5 Comparison between Universities.**

Comparing these four universities, only two of the universities which are UNIMAP and UPM are having a portal for their student to apply zakat online (Refer to Figure 9 and 10). While other universities, which are UNITEN and MMU, they only provide forms that need to be downloaded. The student needs to fill in and send it manually to the respective university zakat management unit to be process (Refer to Figure7 and 8). Therefore, using a portal to apply zakat will make thing more systematic and effective. Hence, as for UTP, it is really suggested to use TAZUTP online zakat website to manage the applications.

# CHAPTER 3

## METHODOLOGY

### 3.1 Project Methodology

The most practical method to be used in web based application is the agile methodology for the project development. This method has been chosen as the methodology because it allows the developer to go back the complete Software Development Life Cycle (SDLC). It is not like the traditional software development approached. In agile, it provide iterative of work incremental that is carriable at the end of every iterative part. Hence, it does save time, cost and efforts as it follows the iterative of work incremental delivery and it detects abnormalities early. In agile methodology there are four important components which are incremental, cooperation, straightforward and adaptive. Incremental in working software over complete documentation. Next, cooperation where collaboration with customer is over negotiation. Straightforward in terms of individuals over process and tools. Lastly adaptive in respond to plan change over.

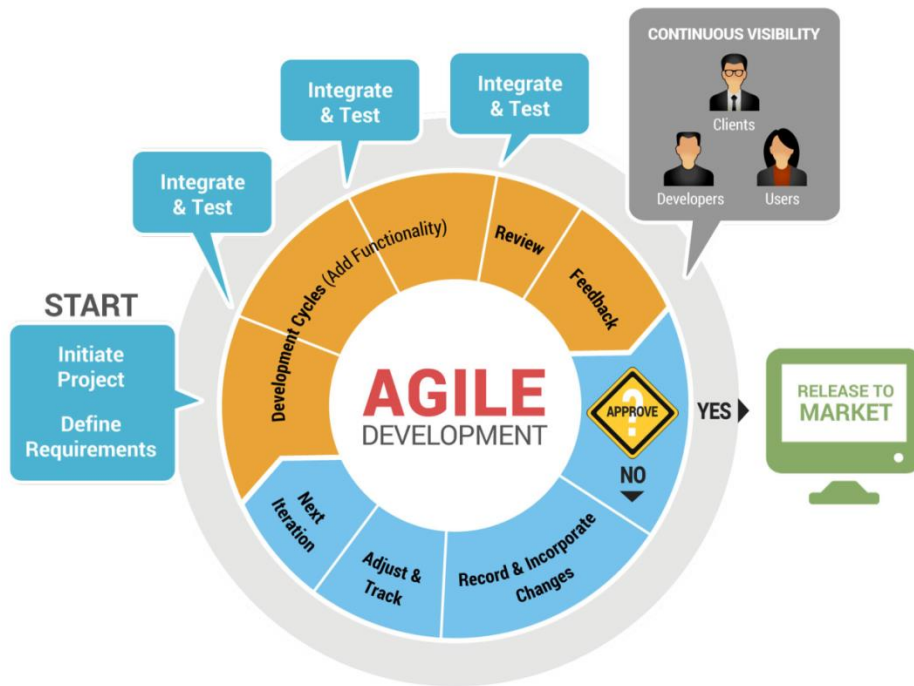


Figure 11: Agile Methodology Phases, 2012

## **Cycle 1**

As illustrated in Figure 11, in Development 1, the project will start by initiating the project. This is the first phase of the methodology where it gathers project requirements. All the requirements gathered need to be discussed and documented for future references. In project initiation, the target user is specified and the scope was well-defined and analyzed. Not only that in this phase, analysis is also gathered in developing the application. After the project is developed, integration and testing are needed to be done before doing the next functionalities in development 2.

In Development 2, the second functionalities can be created after the integration and testing from the development 1 is successful. However, if there is changes that need to be done first in functionalities 1 it is still can be done

In the next phase Development 3, it acts same as in development 2. More functions can be developed here based on the priorities. However, if the project is reaching its timeline and many other functions have not been developed yet, only the important (primary) functions are chosen to be developed. Meanwhile the rest of functions will be developed in the future recommendation. At the end of each development period, integration and testing are need to be done so that less bugs are produced and it can be fixed as soon as possible before releasing it.

In Release phase, the product or application is only release if and only if the programmer believes that the product or application is good to go to meet the client for the feedback. During Feedback phase, acceptance testing needs to be done by the client. It is because clients need to know whether the programmer did build the right application based on the right requirements or not.

If the project meets with user requirement then, project is release to the market for real-time application usage. However, if the project fails to meet the requirement then, improvement need to be done. Second cycle of this project need to be done to execute

the right application based on the right requirement. Therefore, it is suggested for the developer to finish the project as soon as possible.

## **Cycle 2**

Incorporate changes while recording the problems that need to be fix by the developer. Not only that, developer needs to know on how to prioritize the problems based on it severity. All the problems regarding the project have been stated during the feedback session. Hence, the developer needs to continue with his next development and iteration. Whole phase in Cycle 1 is repeated.

## **3.2 Project Development**

Based on the methodology, in this phase, the cost and time needed for this project is defined, including the software too. All of these are subject to change.

Time Estimation: The project estimated to be completed by in September 2015.

Cost Estimation: Documentation= RM50 (printing, binding, hard cover)

Software Used: Scripting Language: XHTML, CSS, PHP

Programming Tools: PHP editor

Database Tools: MySQL

Designing Tools: Adobe Photoshop CS5

Server: XAMPP, Domain

### 3.3 Project Design

#### 3.3.1 Application Architecture

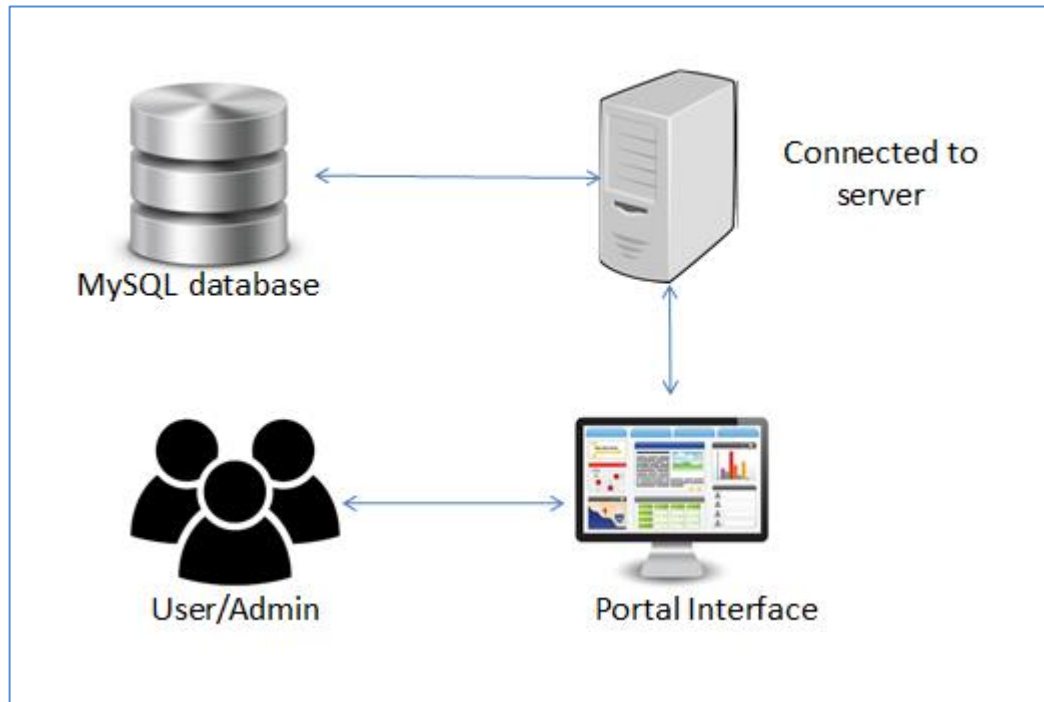


Figure 12: TAZUTP Application Architecture

Figure 12 shows the simple architecture for the web based application, TAZUTP. The architecture consists of several components which are MySQL database, server, user interface and user of the application. User or admin needs to login into the website where it is connected to the local server. All the data uploaded in the website is kept in the database.

This phase is an important phase as it needs to come out with a proper design for the TAZUTP. Suitable background template for this application is selected as well. The ideal project is showed in the flow of the website (Refer Figure 13). Adobe Photoshop is also needed to design application. There are several modules being developed. The user shall be the students who wish to apply for zakat fund and the admin shall be the staff of



NIC, whom will include the high committee that will do the selection of student that is eligible for the fund.

### 3.3.2 Use Case Diagram

Figure 13 show the use case diagram for TAZUTP zakat online website.

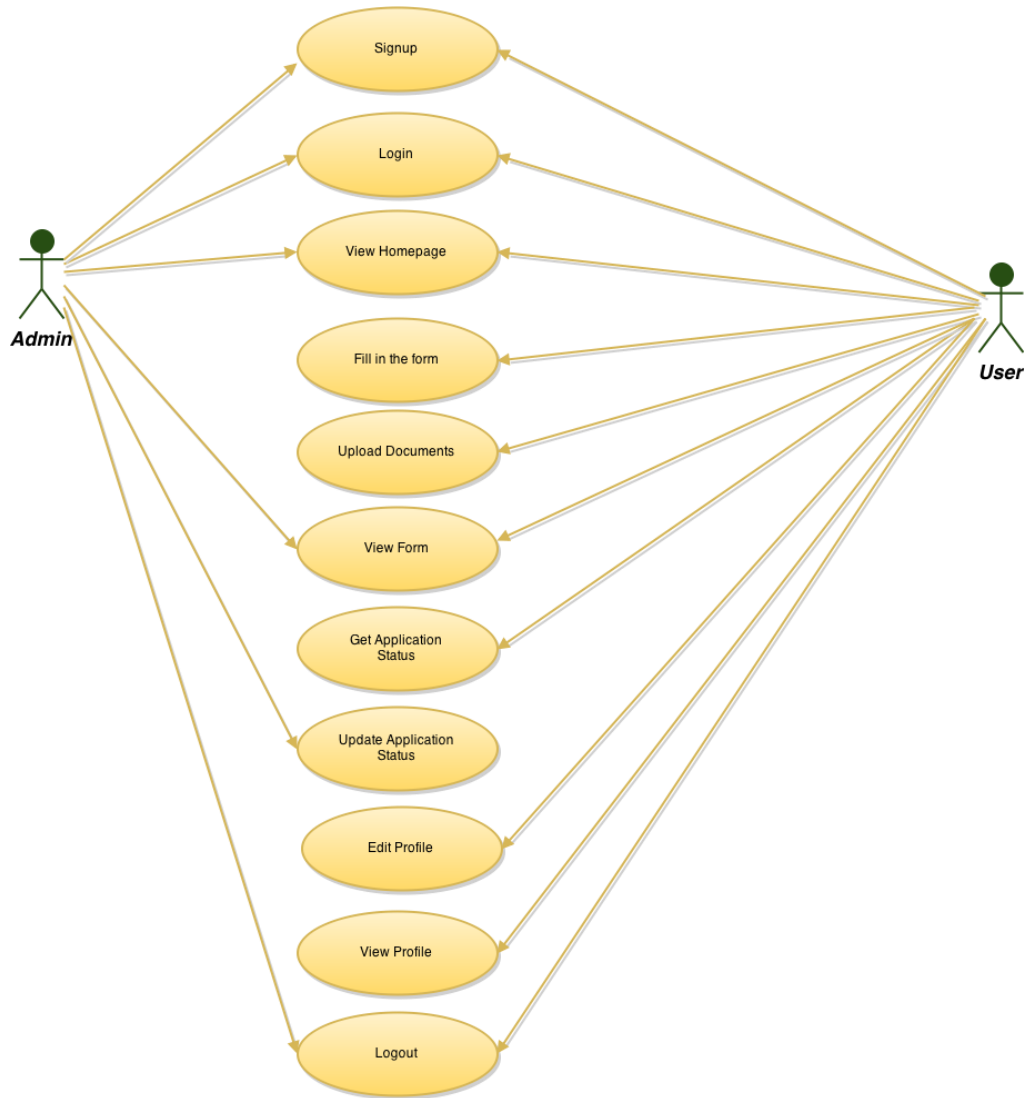


Figure 13: TAZUTP Use Case

### **3.4 Project Testing**

In this phase, testing would be the most crucial part as the user will be using it soon. Unit testing and integration are crucial in ensuring the functions for each phase is successfully developed with the presence of no bugs. This will go on for each of the development phase. Hence, when the application is fully developed, the developer needs to conduct user acceptance testing with the client of this application. There are two group that will be using this application are the admin and the students. This is because to ensure that the right application is developed with the right requirement. All the feedback gathered will be recorded for future enhancement.

### **3.5 Project Closing**

The closing phase will be done in July 2015. All the discussion and findings were documented for NIC. All the documents were compiled and submitted for future enhancement.

## **CHAPTER 4**

### **RESULT AND DISCUSSION**

#### **4.1 Interview**

Based from interview with NIC administrative assistant, Mr. Zuriat Omar, requirement gathering was conducted to identify the important functions in applying for zakat fund in UTP. The features have been translated into system design based on the Figure 6 is about zakat distribution. From the use case, several page layouts have been developed in order to fulfill the required zakat distribution process. As for the zakat form, there are three type of form. (Refer to Appendix3,4,5)

I. Borang Permohonan Bagi Kelengkapan Pengajian

This form is to those students who are facing difficulties to pay the tuition fee. Then, they may apply through this form to get the fund.

II. Borang Permohonan Bagi Insentif Kecemerlangan

This form is for Deal List students who have a good result during years in UTP. Then, they may apply through this form to get the fund.

III. Borang Permohonan Bagi Pembangunan Insan

This form is to apply funds for the events. If a program do not meet targeted amount, they may apply through this form to get the fund.

#### **4.2 Proposed Interface**

Figure below shows the final design of the interface. During development the interface is created.



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TEKNOLOGI  
PETRONAS

## Welcome to Tabung Amanah Zakat UTP

Email   
Email address is invalid

Password   
Not long enough

Guidelines :  
If you are a new user, please click on  
[Sign Up](#)

**Figure 14: Login**

Admin and users need to login to access the website. Only users with correct password and username can log into the system. As for the email, need to have @gmail, @yahoo etc. while the minimum characters for password are 6 characters.



## Welcome to Tabung Amanah Zakat UTP

**Name**

**Programme**

**Year**

**Course**

**Gender**

**IC No.**

**Matrix ID**

**Marital status**

**Address**  
  
Please fill out this field.

**Telephone No.**

**Bank Name**

**Account No.**

**Accommodation**

**Sponsor**

**Other Sponsor(Please state)**

**Email**

**Password**  
  
Not long enough

[Main Page](#)

**Figure 15: Sign Up**

For a new user, need to sign up for an account. The required information needs to be filling up by user.



## Welcome to Tabung Amanah Zakat UTP

**Home**

**Tabung Amanah Zakat UTP**

Students who are studying in a higher learning institution, they can apply for Tabung Amanah Zakat (TAZ). Tabung Amanah Zakat Universiti Teknologi PETRONAS better known as TAZUTP is being managed by An-Nur Islamic Centre.

The An-Nur Islamic Centre (NIC) is generally responsible to provide services in assisting UTP Muslim students in their spiritual growth and development by means of organizing comprehensive Islamic guidance and programs. The vision of NIC is to be a "platform to develop human potential founded by spiritual strength. To align with that, NIC is acting as a centre for human development in UTP. Hence their mission is to provide opportunities for enhancement of students' talent towards achieving the graduates well-roundedness founded by the principles of the Quran and the Sunnah.

The objectives of NIC are


- Manages the mosque facilities to ensure that they are at all time in conducive condition for the Muslim community at and around UTP to perform their daily religious obligations.
- Organize student's development programs through lectures, seminars, workshop and courses to inculcate Islamic values in order to produce well-rounded graduates.
- Develop leadership and organizational skill among students through Rakan Masjid's Programs.
- Offers spiritual and moral consultations towards realization and appreciation of best akhlaq (behaviors), resilience, high moral and self-restraint.
- Fostering the spirit of contributing to the wellbeing of UTP's social environment through responsibly practicing the appropriate teachings of Islam in a multi-faith and multicultural environment.

Hence, below show the possible forms that the students can apply.

1. **APPLICATION FORM FOR SKIM BANTUAN ZAKAT BAGI PEMBANGUNAN INSAN**  
This form is to apply funds for the events. If a program do not meet targeted amount, they may apply through this form to get the fund.
2. **APPLICATION FORM FOR SKIM BANTUAN ZAKAT BAGI INSENTIF KECERLANGAN**  
This form is for Deal List students who have a good result during years in UTP. Then, they may apply through this form to get the fund.
3. **APPLICATION FORM FOR SKIM BANTUAN ZAKAT BAGI KELENGKAPAN PENGAJIAN**  
This form is to those students who are facing difficulties to pay the tuition fee. Then, they may apply through this form to get the fund.

Please be notified :  
Applicants will be notified through phone calls within TWENTY of WORKING DAY 8 (20) from the date application is send.

**My Profile**




Name: Muhammad Fairuz bin Hussein  
Program: Ijazah  
Year: 2012  
Course: Civil  
Gender: Lelaki  
IC Number: 123456789012  
Matric: 0012345  
Marital Status: Berkahwin  
Address: No.9 Batu Lema, Jalan Ipoh, 32345  
Kuala Lumpur, Selangor  
Phone: 01112321665  
Bank Name: ISLAM  
Account Number: 12324354651234  
Staying: Asrama  
Sponsor: Tiaia  
Sponsor Other:  
Email: ruz@jmail.com  
User Level: student

[Update Profile](#)

Figure 16: Homepage

The home page do shows the profile and the available functions in the system. The main page, it brief about the TAZUTP and NIC. In there also there are the links for zakat form application, zakat status and to update profile.

Welcome user: Muhammad Fairuz bin Hussein Home | Check Status | Log Out


  
**UNIVERSITI TEKNOLOGI PETRONAS**  
 engineering futures...

Welcome to Tabung Amanah Zakat UTP

APPLICATION FORM FOR SKIM BANTUAN ZAKAT BAGI INSENTIF KECEMERLANGAN

1) General Information of Applicant	
Applicant Number	<input type="text" value="8-PYYEK"/>
Student Name:	<input type="text" value="Muhammad Fairuz bin Hussein"/>
Programme:	<input type="text" value="Degree"/>
Year:	<input type="text" value="2012"/>
Course:	<input type="text" value="Civil"/>
Gender:	<input type="text" value="Male"/>
Purpose of Zakat Application:	1. <input type="text"/> 2. <input type="text"/> 3. <input type="text"/>
2) Applicant Details	
IC No.:	<input type="text" value="123456789012"/>
Matrix ID:	<input type="text" value="0012345"/>
Marital Status:	<input type="text" value="Married"/>
Address:	<input type="text" value="No 9 Batu Lama, Jalan Ipoh, 32345 Kuala Lumpur, Selangor"/>
Telephone No.:	<input type="text" value="01112321665"/>
Bank Name:	<input type="text" value="ISLAM"/>
Account No.:	<input type="text" value="12324354651234"/>
Accommodation:	<input type="text" value="Hostel"/>
Sponsor:	<input type="text" value="None"/>
Other Sponsor(Please state):	<input type="text" value="Other Sponsor"/>
Have you received Zakat UTP before:	<input type="text" value="Yes"/>
Year:	<input type="text" value="1"/>
Amount Received (RM):	<input type="text"/>
<b>Please fill out this field.</b>	
3) Details on Latest Examination Result	
B semester:	<input type="text"/>
Result:	<input type="text"/>
Attachment:	<input type="button" value="Browse..."/> No file selected.
<input type="button" value="Submit Form"/>	

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**Figure 17: Form of Insentif Kecemerlangan**

When user clicks on application form for “insentif kecemerlangan”, it will lead to the details of the form that the user need to fill in if they want to apply zakat. User must upload attachment as prove. As long as the student has not filled in the entire fill, they cannot submit the form.

Welcome to Tabung Amanah Zakat UTP

APPLICATION FORM FOR SKIM BANTUAN ZAKAT BAGI PEMBANGUNAN INSAN

1) General information of Applicant ( For individual Applicants)

Applicant Number	647208
Student Name	Muhammad Fairuz bin Hussein
Programme	Degree
Year	2012
Course	CMI
Gender	Male
Purpose of Zakat Application	1. 2. 3.
IC No.	123456789012
Matr. ID	0012345
Marital Status	Married
Address	No. 9 Batu Lama, Jalan Ipoh, 32345 Kuala Lumpur, Selangor
Telephone No.:	01112321985
Bank Name	ISLAM
Account No.:	12324354651234
Accommodation	Hostel
Sponsor	None
	Other Sponsor(Please state): Other Sponsor
Have you received Zakat UTP before:	Yes Year: Amount Received (RM):

2) Program Details

Program Name:	
Program Description:	
Sponsor:	
Supervisor:	
Date/Time/Place:	
Total Budget:	
Amount Needed:	
Attachment:	<input type="button" value="Browse..."/> No file selected.

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Figure 18: Form of Pembangunan Insan

When user clicks on application form for “pembangunan insan”, it will lead to the details of the form that the user need to fill in if they want to apply zakat. User must upload attachment as prove. As long as the student has not filled in the entire fill, they cannot submit the form.





Welcome to Tabung Amanah Zakat UTP

APPLICATION FORM FOR SKIM BANTUAN ZAKAT BAGI INSENTIF KECEMERLANGAN

<b>1) General Information of Applicant</b>	
Application number	6-018GU
Student Name:	Muhammad Fairuz bin Hussein
Programme:	Degree
Year:	2012
Course:	Civil
Gender:	Male
Purpose of Zakat Application:	1. <input type="text"/> 2. <input type="text"/> 3. <input type="text"/>
<b>2) Applicant Details</b>	
IC No.:	123456789012
Matric ID:	0012345
Marital Status:	Married
Address:	No.9 Batu Lema, Jalan Ipoh, 32345 Kuala Lumpur, Selangor
Telephone No.:	01112321665
Bank Name:	ISLAM
Account No.:	12324354651234
Accommodation:	Hostel
Sponsor:	None
Other Sponsor(Please state):	Other Sponsor
Have you received Zakat UTP before:	Yes Year: <input type="text"/> Amount Received (RM): <input type="text"/>
<b>3) Details on Learning Facilities</b>	
Name of facilities needed:	1. <input type="text"/> 2. <input type="text"/> 3. <input type="text"/>
Subject:	<input type="text"/>
Lecturer Name:	<input type="text"/>
Total amount needed:	<input type="text"/>
<b>4) Details on Family(Parents/Guardians)</b>	
Head of Family:	<input type="text"/>
Occupation:	<input type="text"/>
Marital Status:	<input type="text"/>
Address:	<input type="text"/>
Telephone No.:	<input type="text"/>

Monthly Income:	1. Father/Guardians	<input type="text"/>
	2. Mother	<input type="text"/>
	3. Others	<input type="text"/>
	4. Total	<input type="text"/>

6) List of Liabilities Parents/Guardians				
No.	Name	Relationship	Age	Place of Study
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

8) List of Siblings Are Already Working			
No.	Name	Occupation	Total amount contributed to Family (RM)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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**Figure 19: Form of Kelengkapan Pengajian**

When user clicks on application form for “kelengkapan pengajian”, it will lead to the details of the form that the user need to fill in if they want to apply zakat. As long as the student has not filled in the entire fill, they cannot submit the form.



Welcome to Tabung Amanah Zakat UTP

**Check Status**

Show  entries Search:

#	Application No.	Submitted On	Form Type	Status	Actions
1	6-GCJ7B	2015-08-19	INSENTIF KECEMERLANGAN	Submitted	<a href="#">Delete</a>
2	6-3BRCP	2015-08-19	PEMBANGUNAN INSAN	Form Has Been Accepted	<a href="#">Delete</a>

Showing 1 to 2 of 2 entries Previous **1** Next

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**Figure 20: Check Status**

User can view the status of each form whether it is accepted or rejected. User can do follow up on the status of application at here, from time to time.



Welcome to Tabung Amanah Zakat UTP

**Update Profile**

**Name**  
Muhammad Fairuz bin Hussein

**Programme**  
Degree

**Year**  
2012

**Course**  
Civil

**Gender**  
Male

**IC No.**  
123456789012

**Matrix ID:**  
0012345

**Marital Status**  
Married

**Address**  
No.9 Batu Lama, Jalan Ipoh, 32345 Kuala Lumpur, Selangor

**Telephone No.**  
01112321885

**Bank Name**  
ISLAM

**Account No.**  
12324354651234

**Accommodation**  
Hostel

**Sponsor**  
None

**Other Sponsor(Please state)**  
Other Sponsor

**Email**  
ruzz@gmail.com

**Password**  
\*\*\*\*\*

Update

**Figure 21: Edit Profile**

When user click on the edit button, the user can manage and update their current personal data in profile.

Welcome admin: Admin Home | Log Out



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engineering futures...

Welcome to Tabung Amanah Zakat UTP

Home

Show  entries Search:

#	Application No.	Submitted On	Form Status	Form Type	Actions
1	3-JU6EB	2015-08-08	Call for Interview	INSENTIF KECEMERLANGAN	<a href="#">View Detials</a>   <a href="#">Delete</a>
2	3-W3LXX	2015-08-12	Submitted	PEMBANGUNAN INSAN	<a href="#">View Detials</a>   <a href="#">Delete</a>
3	3-6NLMH	2015-08-12	Submitted	PEMBANGUNAN INSAN	<a href="#">View Detials</a>   <a href="#">Delete</a>
4	3-3YSXZ	2015-08-12	Submitted	KELENGKAPAN PENGAJIAN	<a href="#">View Detials</a>   <a href="#">Delete</a>

Showing 1 to 4 of 4 entries Previous **1** Next

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**Figure 22: View Application**

When admin log in, they can view the application list sent by the applicants. Each form has its own unique id. Admin can click on the View Details to evaluate the forms or delete the applications.

Between Admin site and user site, the color of both interface are different. In user interface, blue color is used while for admin, green in color. This is to differentiate both sites.

Admin Actions

Form Received

Form Accepted

Call for interview

**Figure 23: Update Status**

At the end of each form, there is action for admin to choose whether the form is received, accepted and/or call for the interview notification. Meanwhile at the user side the check status for the form will display the latest status.

### 4.3 Discussion of Findings

A set of questionnaire were distributed to 20 students on the week 8 at Universiti Teknologi PETRONAS. An interview was with Mr.Zuriat Omar, the assistance administrative of NIC. The results of the survey are discussed in the next point. (Refer to Appendix 6)

#### 4.3.1 Age and Gender of Students

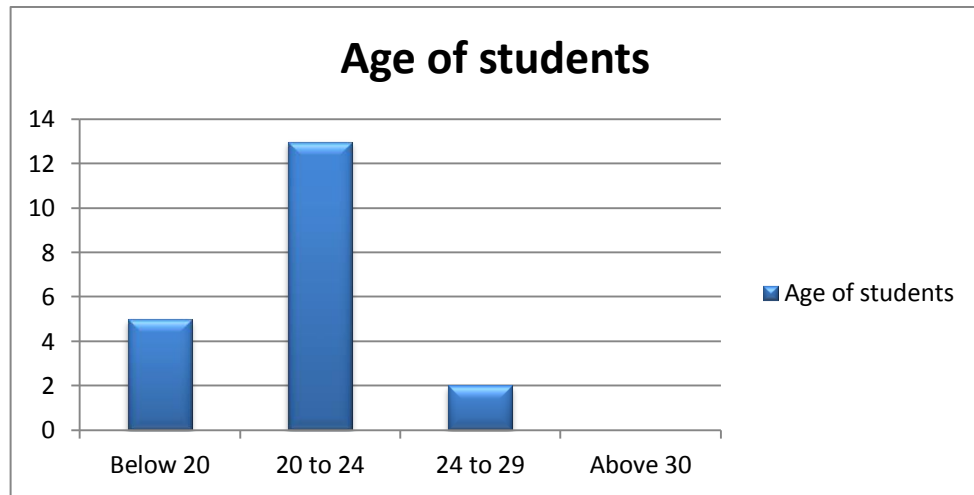


Figure 24: Age of students

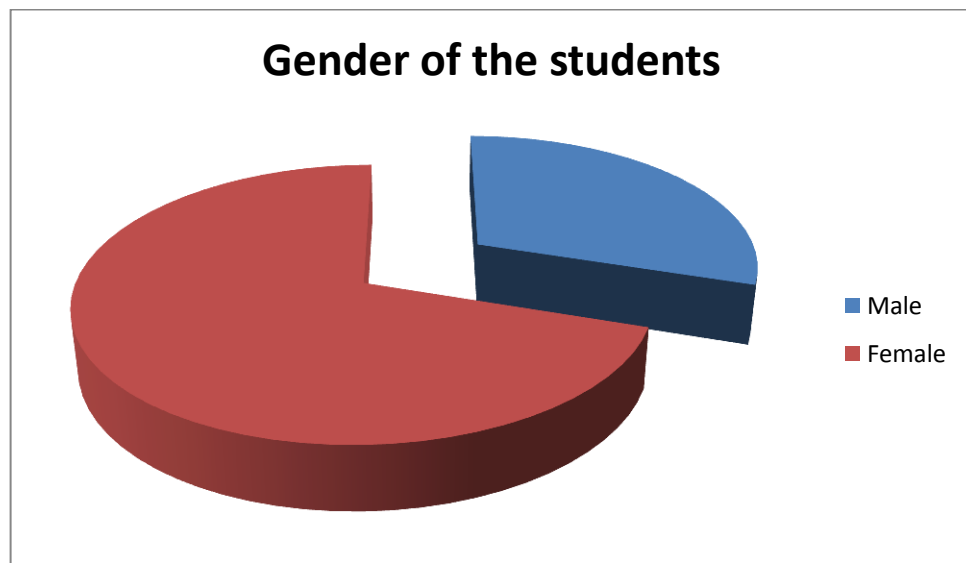


Figure 25: Gender of the students

The results were from the sets of questionnaire for the UTP students. As shown, most of the students are from age from the range 18-29 years old. From the survey concluded the number of girls greater than boys.

#### 4.3. 2 Basic about Zakat

The results shown are from the sets of questionnaire for the UTP students. The question asked were simple information about zakat that the students know.

Do you know what Zakat is?

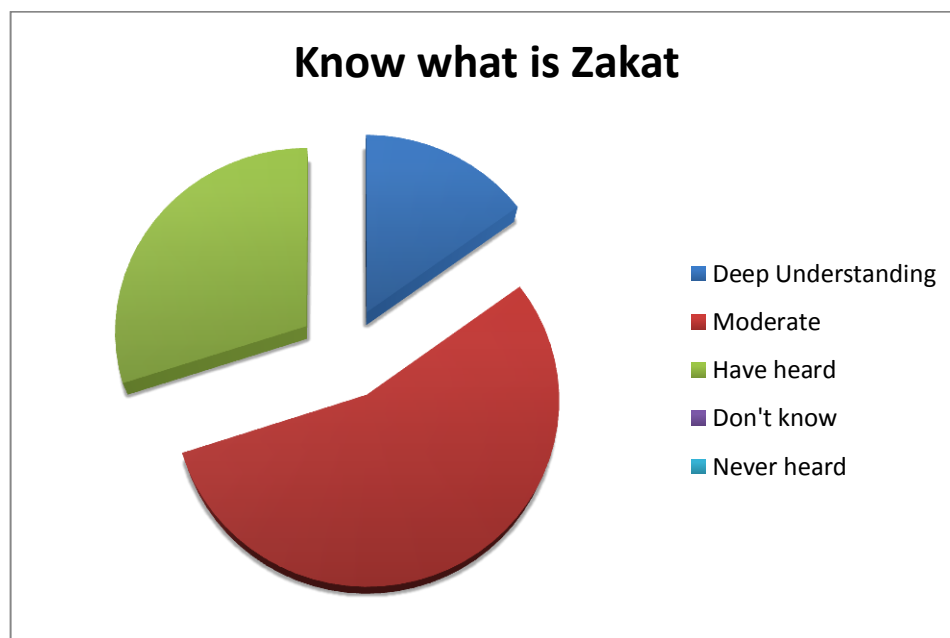


Figure 26: What is Zakat?

Around eleven (11) students said that they have moderate understanding about zakat. While only three (3) of the students have a deep understanding regarding zakat. While the rest of the UTP students don't have much knowledge on zakat as they rarely heard about zakat.

Have you heard before Tabung Amanah Zakat UTP(TAZUTP)?

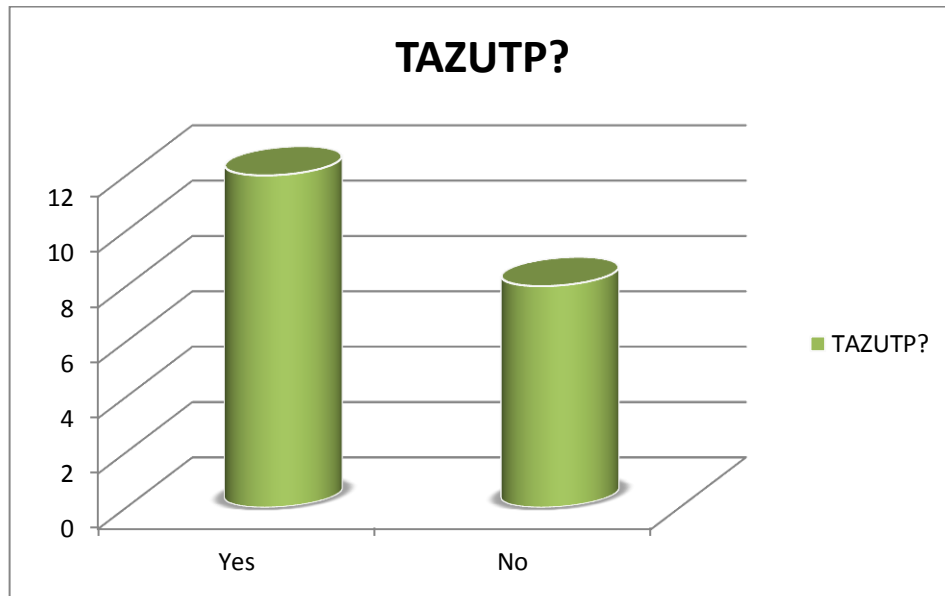


Figure 27: Know TAZUTP?

As a university student, only twelve (12) UTP's students have heard of TAZUTP while eight (8) of them said they never heard it before.

What do you feel about the current manual procedure of applying TAZUTP?

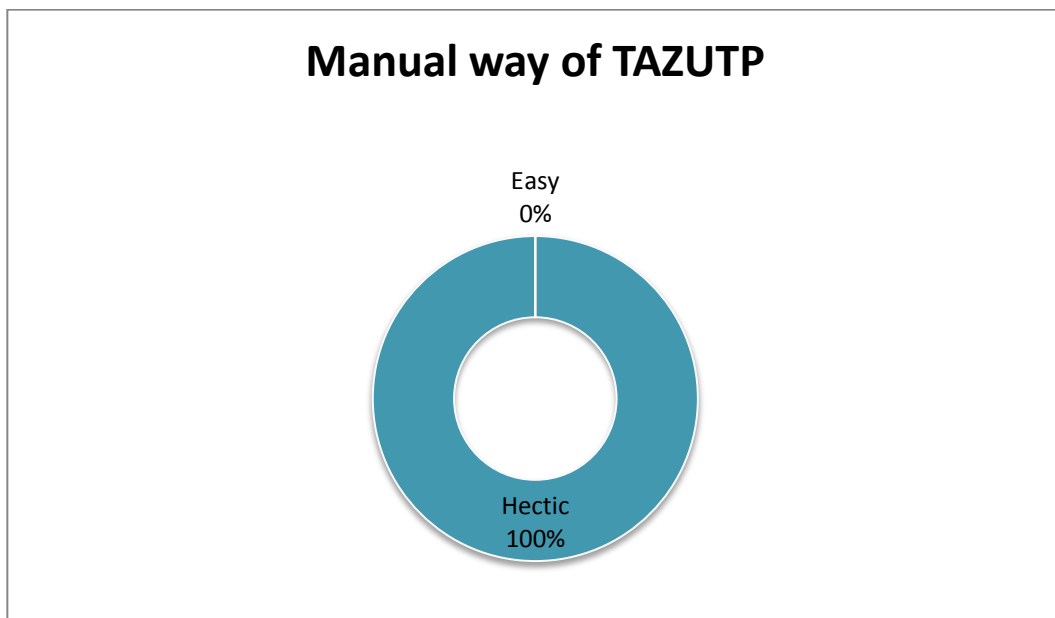


Figure 28: Manual way of TAZUTP



UTP students agreed that, manual ways is hectic as there are so many procedures that need to be done before potential applicant is called for an interview.

Do you find it easy to navigate this online application?

Will the existence of this application minimize the efforts compared to the current, manual way?

Do you like the look of this application?

Will you tell/ share to your friends about this application?

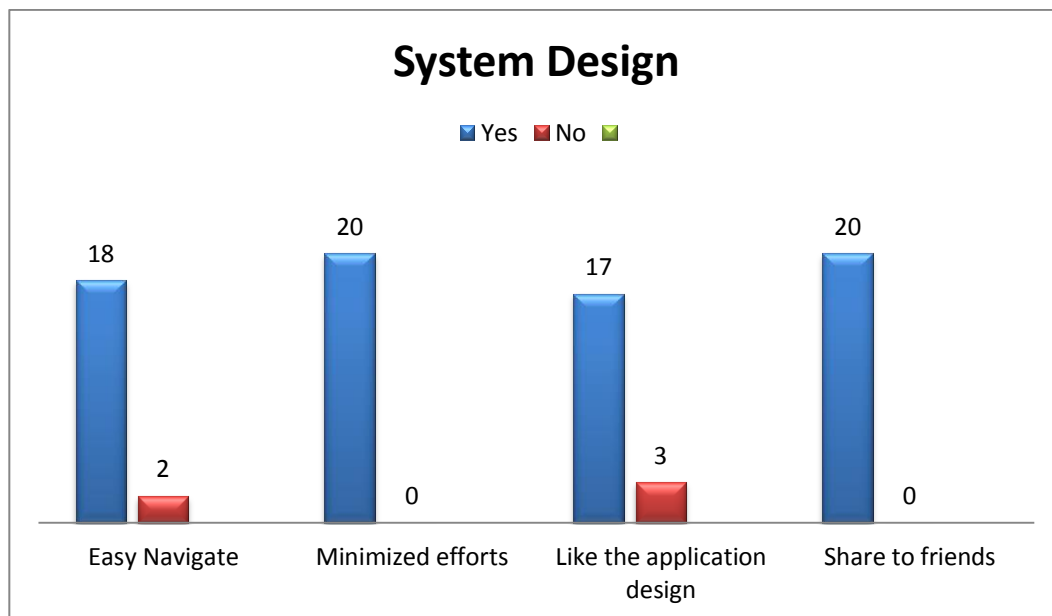


Figure 29: System Design

As for easy to navigate through the system, most of the students agreed that it is easy to use it. But, only two (2) of them are slightly disagreed as they feel that they do not know the functions for the three type of forms. If there is sufficient information on the forms, then, all of them agreed on this system that it is easy to navigate. Meanwhile, as for the design of the system itself, seventeen (17) of them feels that the system is simple and easy to use. But only three (3) of them said that, the system could be improved as it is too simple and plain. Besides that, most of them said that, this system really helps them as it minimizes their time and efforts. Adding on, the students are willing to share regarding this website to their friends as it eases their work.

## **CHAPTER 5**

### **CONCLUSION AND RECOMMENDATION**

Human errors are not exceptional. Many problems had been faced by NIC during distribution of zakat. Hence, by having TAZUTP online zakat website, it will make the business proses more smoothly and effective. NIC can view the details of the applications from the website without need to go through the application papers. This action certainly will minimize energy, time and cost. There are two objectives that will be achieved in this project. The author managed to fulfill the first objective that is to the suggestion for NIC to effectively distribute the zakat through TAZUTP. NIC can manage the data of application in a more effective ways compared to previously. The second objectives would be to develop the website for TAZUTP. By using this application, it is well organized and it is easy to monitor and update the form and data.

The future plans for this project is to develop other functions that were unable to be developed like linking CGPA result to Registration Unit. This is because, students does not need to go the Registration Unit to get the transcript. In future through this portal, students can just get the result details. Not only that, admins can view on the monthly report of the applications, how many applications are successful and unsuccessful. From here, NIC would know in a month how many applications are approved. In addition, other functionalities in the system can be improvised. For an example, for the date, time and venue in the application form for Skim Bantuan Zakat Bagi Pembangunan Insan can be separated. There are other fields that need to be improvised too. Hence, in future, after more upgrade had been done to the application, it can be widely used in UTP.

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## APPENDICES

### Appendix 1: FYP 1

Task	Start Date	End Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Project Title Confirmation</b>	19-Jan-15	19-Jan-15														
<b>Project Initiation</b>	19-Jan-15	26-Jan-15														
Define and analyze the target user and objectives of project	20-Jan-15	22-Jan-15		*												
Select the suitable platform for the project	22-Jan-15	23-Jan-15														
Select the suitable type of project delivery	23-Jan-15	24-Jan-15														
Define project scope	26-Jan-15	29-Jan-15														
Determine application outline	29-Jan-15	3-Feb-15														
List down project requirements	3-Feb-15	6-Feb-15														
<b>Project Planning</b>	9-Feb-15	16-Feb-15														
Estimate time taken to complete the project	9-Feb-15	11-Feb-15					*									
Select the tool to be used	11-Feb-15	12-Feb-15														
Select the programming language to be used	12-Feb-15	13-Feb-15														
Prepare extended proposal	16-Feb-15	18-Feb-15														
<b>Submission of Extended Proposal</b>	19-Feb-15	19-Feb-15						*								



Find the defect and the improvement that could be made	6-Jul-15	10-Jul-15															
Fix the defect	6-Jul-15	10-Jul-15															
Prepare for pre-SEDEX presentation	6-Jul-15	10-Jul-15															
<b>Pre-SEDEX</b>	13-Jul-15	13-Jul-15								*							
<b>Project Closing</b>	3-Aug-15	21-Aug-15															
Document all the results and discussion made	27-Jul-15	31-Jul-15															
Conclude the findings	27-Jul-15	31-Jul-15															
Final checkup for error	27-Jul-15	31-Jul-15															
Compile the reports	27-Jul-15	31-Jul-15															
<b>Submission of Draft Dissertation</b>	20-Jul-15	24-Jul-15									*						
Finalize the dissertation and technical paper	27-Jul-15	31-Jul-15															
<b>Submission of Draft Dissertation and Technical Paper</b>	29-Jul-15	29-Jul-15											*				
Prepare slide for final presentation	13-Aug-15	17-Aug-15															
<b>Viva</b>	19-Aug-15	19-Aug-15												*			
<b>Submission of Dissertation and Hardbound</b>	4-Sept-15	4-Sept-15															*

\*Project Milestone

## SAMPLE FORMS FOR ZAKAT

 UNIVERSITI TEKNOLOGI PETRONAS	<b>TABUNG AMANAH ZAKAT UNIVERSITI TEKNOLOGI PETRONAS</b>	<b>Jawatankuasa Tabung Amanah Zakat UTP (JTAZUTP)</b> d/a Pejabat Pusat Islam An-Nur Universiti Teknologi PETRONAS 31750 Tronoh, Perak
	<b>BORANG PERMOHONAN SKIM BANTUAN ZAKAT BAGI INSENTIF KECEMERLANGAN</b>	

Sila penuhi maklumat yang diperlukan. Sila rujuk terlebih dahulu syarat-syarat permohonan sebelum mengisi borang dan sila lampirkan dokumen sokongan yang diperlukan.

<b>1) Maklumat Umum Pemohon</b>					
Nama Pelajar					
Program	Foundation		Ijazah		Tahun :
Kursus					
Jantina	Lelaki		Perempuan		
Tujuan Permohonan Zakat	1.				
	2.				
	3.				

<b>2) Maklumat Terperinci Pemohon</b>																																	
No. K/P																		No. Matrik															
Taraf Perkahwinan	Bujang			Berkahwin			Janda			Duda																							
Alamat Surat Menyurat																																	
No. Telefon																																	
Nama Bank																																	
No. Akaun Bank																																	
Penginapan	Asrama			Menyewa / NR																													
Penaja Pengajian	Tiada			PTPTN																													
	Lain-lain (Sila nyatakan) :																																
Pernah Menerima Zakat UTP :	Ya		Tidak		Tahun :													Jumlah : RM															

<b>3) Maklumat Berkenaan Keputusan Peperiksaan Terkini</b>	
Semester	
Keputusan	



*\*Wajib dilampirkan bersama Slip Keputusan*

**PENGESAHAN DARIPADA REGISTRAR**

Adalah saya dengan ini mengesahkan bahawa pelajar ini **\*dikenakan / tidak dikenakan** tindakan tatatertib oleh pihak Universiti. Saya **\*menyokong / tidak menyokong** permohonan ini.

Ulasan :

Tandatangan & Cop Rasmi :

Tarikh :

**AKUAN PEMOHON**

Saya, (Nama)..... dengan ini mengaku dengan nama Allah bahawa segala maklumat dan keterangan yang diberikan adalah benar. Pihak Universiti berhak membatalkan dan menarik balik bantuan zakat sekiranya didapati saya berbohong dan memberikan maklumat palsu.

.....

Tarikh :

Tandatangan Pemohon

**Untuk Kegunaan Panel Penemuduga**

Pendapatan								
Cadangan Asnaf	Fakir/Miskin		Fi Sabilillah		Ghorimin		'Amil	
Permohonan ini	Disokong		Dipertimbangkan		Ditolak			
Ulasan/Catitan								
Nama Panel				Tandatangan & Cop			Tarikh :	



**TABUNG AMANAH ZAKAT  
UNIVERSITI TEKNOLOGI  
PETRONAS**

**Jawatankuasa Tabung Amanah Zakat  
UTP (JTAZUTP)**  
d/a Pejabat Pusat Islam An-Nur  
Universiti Teknologi PETRONAS  
31750 Tronoh, Perak

**BORANG PERMOHONAN SKIM BANTUAN ZAKAT BAGI KELENGKAPAN  
PENGAJIAN**

Sila penuhkan maklumat yang diperlukan. Sila rujuk terlebih dahulu syarat-syarat permohonan sebelum mengisi borang dan sila lampirkan dokumen sokongan yang diperlukan.

<b>1) Maklumat Umum Pemohon</b>					
Nama Pelajar					
Program	Foundation		Ijazah		Tahun :
Kursus					
Jantina	Lelaki		Perempuan		
Tujuan Permohonan Zakat	1.				
	2.				
	3.				

<b>2) Maklumat Terperinci Pemohon</b>																												
No. K/P																		No. Matrik										
Taraf Perkahwinan	Bujang		Berkahwin		Janda		Duda																					
Alamat Surat Menyurat																												
No. Telefon																												
Nama Bank																												
No. Akaun Bank																												
Penginapan	Asrama		Menyewa / NR																									
Penaja Pengajian	Tiada		PTPTN																									
	Lain-lain (Sila nyatakan) :																											
Pernah Menerima Zakat UTP :	Ya		Tidak		Tahun :													Jumlah : RM										

<b>3) Maklumat Berkenaan Kelengkapan Pengajian</b>	
Nama Kelengkapan	1.
Yang Diperlukan	2.

	3.
Subjek	
Nama Pensyarah	
Jumlah Per Item	
Jumlah Keseluruhan	
<i>*Wajib dilampirkan bersama inbois atau resit. Jumlah minimum adalah RM100</i>	

4) Maklumat Keluarga (Ibu Bapa / Penjaga)								
Nama Ketua Keluarga								
Pekerjaan								
Taraf Perkahwinan								
Alamat Surat Menyurat								
No. Telefon								
Pendapatan Bulanan	Bapa / Penjaga	RM						
	Ibu	RM						
	Lain-lain	RM						
	Jumlah	RM						

5) Senarai Tanggungan Ibu Bapa / Penjaga				
Bil.	Nama	Hubungan Keluarga	Umur	Tempat Belajar

6) Senarai Adik Beradik Yang Sudah Bekerja			
Bil.	Nama	Pekerjaan	Jumlah Sumbangan Kepada Keluarga (RM)


**PENGESAHAN OLEH PENSYARAH / KOORDINATOR SUBJEK**

Adalah saya dengan ini mengesahkan bahawa pelajar ini **memerlukan / tidak memerlukan** kelengkapan pengajian tersebut. Justeru itu, Saya \*menyokong / tidak menyokong permohonan ini.

Ulasan :

Tandatangan & Cop Rasmi :

Tarikh :

**AKUAN PEMOHON**

Saya, (Nama)..... dengan ini mengaku dengan nama Allah bahawa segala maklumat dan keterangan yang diberikan adalah benar. Pihak Universiti berhak membatalkan dan menarik balik bantuan zakat sekiranya didapati saya berbohong dan memberikan maklumat palsu.

.....

Tarikh :

Tandatangan Pemohon

**Untuk Kegunaan Panel Penemuduga**

Pendapatan							
Cadangan Asnaf	Fakir/Miskin		Fi Sabilillah		Ghorimin		'Amil
Permohonan ini	Disokong		Dipertimbangkan		Ditolak		
Ulasan/Catitan							
Nama Panel			Tandatangan & Cop			Tarikh :	



**TABUNG AMANAH ZAKAT  
UNIVERSITI TEKNOLOGI  
PETRONAS**

**Jawatankuasa Tabung Amanah  
Zakat UTP (JTAZUTP)**  
d/a Pejabat Pusat Islam An-Nur  
Universiti Teknologi PETRONAS  
31750 Tronoh, Perak

**BORANG PERMOHONAN SKIM BANTUAN ZAKAT BAGI PEMBANGUNAN  
INSAN**

Sila penuhkan maklumat yang diperlukan. Sila rujuk terlebih dahulu syarat-syarat permohonan sebelum mengisi borang dan sila lampirkan dokumen sokongan yang diperlukan.

<b>1) Maklumat Umum Pemohon (Bagi Permohonan Individu)</b>																																	
Nama Pelajar																																	
Program	Foundation			Ijazah			Tahun :																										
Kursus																																	
Jantina	Lelaki			Perempuan																													
Tujuan Permohonan Zakat	1.																																
	2.																																
	3.																																
No. K/P																		No. Matrik															
Taraf Perkahwinan	Bujang		Berkahwin		Janda		Duda																										
Alamat Surat Menyurat																																	
No. Telefon																																	
Nama Bank																																	
No. Akaun Bank																																	
Penginapan	Asrama		Menyewa / NR																														
	Penaja Pengajian	Tiada		PTPTN																													
		Lain-lain (Sila nyatakan) :																															
Pernah Menerima Zakat UTP :	Ya		Tidak		Tahun :																												
					Jumlah : RM																												

<b>2) Maklumat Berkenaan Program Aktiviti</b>	
Nama Program	

Penerangan Program	
Penganjur	
Penyelia	
Tarikh/Masa/Tempat	
Bajet Keseluruhan	
Jumlah Bantuan yang diperlukan	
<i>*Wajib dilampirkan bersama kertas kerja lengkap beserta kelulusan daripada pihak berwajib</i>	

**PENGESAHAN OLEH PENASIHAT/PENYELARASAN PROGRAM**

Adalah saya dengan ini mengesahkan bahawa pelajar ini **memerlukan / tidak memerlukan** kelengkapan pengajian | **menganjurkan (dengan kelulusan) / tidak menganjurkan program** | tersebut. Justeru itu, Saya *\*menyokong / tidak menyokong* permohonan ini.

Ulasan :

Tandatangan & Cop Rasmi :

Tarikh :

**AKUAN PEMOHON**

Saya, (Nama)..... dengan ini mengaku dengan nama Allah bahawa segala maklumat dan keterangan yang diberikan adalah benar. Pihak Universiti berhak membatalkan dan menarik balik bantuan zakat sekiranya didapati saya berbohong dan memberikan maklumat palsu.

.....

Tarikh :

Tandatangan Pemohon

\_\_\_\_\_ Untuk Kegunaan Panel Penemuduga

Pendapatan								
Cadangan Asnaf	Fakir/Miskin		Fi Sabilillah		Ghorimin		'Amil	
Permohonan ini	Disokong		Dipertimbangkan		Ditolak			
Ulasan/Catitan								
Nama Panel				Tandatangan & Cop				Tarikh :

## **Appendix 6: Questionnaire**

The objective of this survey is to study the user acceptance and the effectiveness of using an automated zakat information system to replace the current, manual Tabung Zakat application procedure conducted by An- Nur Centre.

Please tick your answer.

---

### **Basic Information**

1. Please select your relevant age
  - Less than 20 years old
  - 20 to 24 years old
  - 25 to 29 years old
  - 30 years old and above
  
2. What is your gender?
  - Male
  - Female

### **Zakat History**

3. Have you received any zakat fund before?
  - Yes
  - No(if you pick "No", skip next question and proceed to question 6)
  
4. When was the last time you have received it?
  - Primary school
  - Secondary school
  - Foundation Program
  - Undergraduate Program
  - Postgraduate Program
  
5. Do you receive zakat fund annually?
  - Yes
  - No

### **Basic about Zakat**

6. Do you know what Zakat is?
  - Yes with a deep understanding

- Yes with a moderate understanding
- Yes, I have heard it before
- No, I don't know
- No, never heard about it before

7. How many type of zakat available?

- 0
- 1
- 2
- 3

8. Have you heard before Tabung Amanah Zakat UTP(TAZUTP)?

- Yes
- No

9. Have you tried to apply for TAZUTP?

- Yes
- No
- Not eligible

10. What do you feel about the current manual procedure of applying TAZUTP?

- a. Hectic
- b. Easy

## **Design**

11. Do you find it easy to navigate this online application?

- Yes
- No

12. Will the existence of this application minimize the efforts compared to the current, manual way?

- Yes
- No

13. Do you like the look of this application?

- Yes



No

14. Will you tell/ share to your friends about this application?

Yes

No

15. Do you want to continue to use this platform to apply TAZUTP ?

Yes

No

Thank you. 😊