

# **E-Learning via Android Application**

by

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# **CERTIFICATION OF APPROVAL**

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**SEPTEMBER 2012**

## **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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HARIHARLALL V.NAIR

## **ABSTRACT**

This project focuses on developing a mobile application that includes the major functionalities of the UTP E-Learning website which are used by students, into a stand-alone mobile application(M-Learning). UTP E-Learning is a website created for students to ease the usage of the website, it is also a platform for the students to upload and download any education related notes or files. Despite the importance of UTP E-Learning website to all students, the effectiveness and efficiency of this website are still not up to its maximum potential. Students are not really utilizing this website to its maximum potential simply because they are not surfing this site very often when they are mobile or away from a pc. Hence any important announcements made by lecturers or by UTP itself, sometimes do not reach the students in time. The role of UTP E-Learning website in helping the students in their studies could be a failure if it is not fully utilized in the best possible manner. Hence, the main objective of this project is to develop a platform for the students to use the UTP E-Learning website through a mobile device(Android). Besides that, this project revolves around the study of the primary usage of E-learning website to find out the key features that will be included in the application. The interaction process will be easier as the M-Learning will be installed into their mobile phone as a android application. The added advantages of my project are it allows lecturers and staffs to post important announcements wherever they are using their smart phones. Moreover, it also allow students to access the E-learning system at any time using only their smart phone, view important announcements, download lecture notes as well as modifying their profile. The methodology used to develop this project is Rapid Application Development. In a nutshell, M-Learning is a mobile application that will help students to utilize the E-Learning website in an easy and portable platform.

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## **ABBREVIATIONS AND NOMENCLATURES**

App	Application
IDE	Integrated Development Environment
SDK	Software Development Kit
RAD	Rapid Application Development
IT	Information Technology