UNIVERSITI TEKNOLOGI MARA

MOBILE ASSISTED SURAH SHUFFLING IN SOLAH FARDHU

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SUPERVISOR APPROVAL

MOBILE ASSISTED SURAH SHUFFLING IN SOLAH FARDHU

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This thesis was prepared under the supervision of the project supervisor, Miss Hajar Izzati Binti Mohd Ghazalli. It was submitted to the Faculty of Science Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for the degree of Bachelor of Computer Science (Hons).

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STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

This project was built in order to help Muslim to recite more compilation of surah lazim in their prayer. The major problem that lead to build this project is Muslim tend to recite the same surah in their prayer. This project shuffle all the surah using random function. Random function can randomize all the images of surah and display it to the user. Next, this project calculated prayer times automatically to the user. User need to enable the GPS in order to let the Google API recognize the location of the user. This project will calculates prayer times and display the current prayer times based on current user location to the user. In order to finish this project, Mobile Application Development Life Cycle (MADLC) is used as a platform to produce this mobile application. In this methodology, there are several phases such as identification, design, development, prototyping, testing and lastly documentation. Various testing conducted to ensure this project fulfil the requirement of this project and users satisfaction. According to the feedback from the user that have test this application realized there are a lot of surah lazim that they can recite in their prayer by shuffling the surah lazim.

CHAPTER 1

INTRODUCTION

1.0 Introduction

In this chapter explain about the background of the project. This chapter also covers on the problem statement, objective, scope and significance.

1.1 Background Study

Muslim all around the world holds an important role as a servant to perform task as a good khalifah in this world. Solah is the compulsory Muslim prayers performed five times each day by Muslim. Allah ordered Muslims to pray at five set times of day. To all Muslim, solah is compulsory Muslim prayer to fullfill the command from Allah and authorize sunnah of congregational prayer (Silvers & Elewa, 2011).

Carrying all these obligation provide a pattern to all Muslim. Indirectly will provide framework of a Muslim's life. By praying, Muslim must recite some surah in order to complete the prayer. This surah is important because all surah has the different meaning and virtues (Hefner & Zaman, 2007). In Malaysia, children and other non-Arabic countries need to learn the holy Quran for proper recitation during performing the solah or reciting prayer (Saari, Umat, & Teh, 2013). In holy Quran, there are short surah and long surah. Result from a survey that already conducted, Muslim prefer to recite short surah rather than long surah.