UNIVERSITI TEKNOLOGI MARA

Mengaji2U: Learning Quran Finder Mobile Application

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In the name of Allah, the Most Gracious and the Most Merciful

ABSTRACT

Most of the private Quran classes is being advertise and can be find through social media platform such as WhatsApp, Facebook and Instagram. However, there is less mobile application that act as one-stop Islamic service where the Quranic teachers can advertise their services and solutions which helps the reciter to find private Quran class. Thus, the aim of this project is to create a mobile application for Quranic teachers to advertise their services and make it easier for the public to find private reciting classes. The objectives for this project are to identify user requirements, to design and to develop Mengaji2U learning Quran finder mobile application. The scope of this project is certified Islamic Quranic teachers and users residing in Johor Bahru city. The methodology used is Mobile Application Development Life Cycle (MADLC) from identification phase up until the testing phase. The features of this mobile application are navigation finder to locate the nearest private Quran classes by using Global Positioning System (GPS) and Location-Based Services (LBS). Users can also have manual filtering by gender and distance range, view directory listing, reminder to attend classes, user rating and chat box with the teachers. In the testing phase, The System Usability Scale has been conducted through Google Form to evaluate the usability of the application with eight users have been chosen to test the functionality of the application. In the future, this mobile application will be available for the user to have a booking class system with the class schedule to show the availability of each class.

Keywords: Quran Class, Navigation Functionality, Mobile Application Development Life Cycle (MADLC), Johor Bahru City, User Rating

TABLE OF CONTENTS

CONTENTS   **PAGE**

CHAPTER 1

INTRODUCTION

This chapter describes the project background as well as the problem statement, project aims, objectives, project scope and limitations and project significance for the development of Mengaji2U: Learning Quran Finder Mobile Application.

1.1 Project Background

Quran or also known as the holy book in Islam religion give so many benefits to the readers. It was delivered to Prophet Muhammad PBUH for all Muslims all over the world. One of the benefits of reciting Quran is it will give us peace that will make our life great (Allah, *et al.*, 2020). Reading the Quran appropriately with correct pronunciation and tone is crucial and it is the reason why we must have eligible teachers to teach the correct way of reciting the Quran (Allah, *et al.*, 2020; Mohamed., 2010). Traditionally, most of the Quran classes are usually done in a mosque where the students have to sit on the floor and the teacher would sit in the front of the class. The teacher will listen to his student's reading from the Quran by calling them one by one and then set them more reading for the next day. However, it is depending on the capability of the teacher that he would correct the student's reading with the correct pronunciation of each letter or not. If he was unable to do that it would be left to the student's discretion (Asmawati, *et al*., 2014).

Most parents would send their children to the *tahfiz* institutions for Quran learning, there are also private classes for Quranic memorization established by individuals or organizations because of the demand from parents and the local community (Yusof, *et al*., 2016). Furthermore, a private Quran class would help to tutor the community and busy individuals to read the Quran at their own time and at ease (Lim, 2018). Since the community choose a private Quran class, the reciter or teacher has to move