UNIVERSITI TEKNOLOGI MARA

EVENT ORGANIZER (JPNR): EVENT MANAGEMENT MOBILE APPLICATION FOR NON-RESIDENT STUDENTS

MUHAMAD AKMAL BIN YUSOFF RAMZI

BACHELOR OF INFORMATION TECHNOLOGY (Hons.)

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ABSTRACT

This project is about developing an Android Based Mobile Application on Event Management for Jawatankuasa Perwakilan Non-Resident (JPNR) in UiTM Shah Alam. The existing problem are Jawatankuasa Perwakilan Non-Resident (JPNR) have no specified platform to blast the information about any events that resulted in some of non-resident students did not know about any upcoming event and some organizers find difficulty with the current event check-in system . The purpose of this project is to create a new platform that will notify the student about upcoming event by providing alert notification. The objective of this project is to identify requirement, to design and to develop the event management notification for Jawatankuasa Perwakilan Non-Resident (JPNR) committee and non-residents students. The scope of this project is focused on non-resident students get the notification update about events from Jawatankuasa Perwakilan Non-Resident (JPNR) committee members. The mobile application could benefits non-resident students in receiving event notifications on timely basis also for Jawatankuasa Perwakilan Non-Resident (JPNR) committee members who organize the events can have a specific mobile application that allow them to arrange and manage also send notification about the event. This project use Mobile Application Development Cycle (MADLC) Model as the methodology. However, this project only covers from identification to testing phase only. This project use Java programming language in Android Studio platform for the app and for sending and receiving push notifications. This project will benefit the Jawatankuasa Perwakilan Non-Resident (JPNR) committee members where it helps them manage the event promotion and for non-resident students as the application notified any upcoming events and they can set reminder for certain event. For future recommendation is to include other UiTM club to use only one app for event notification.

Keywords: Mobile Application, MADLC Model, Event Management, Push Notification, Firebase Cloud Messaging, Java, Android Studio

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CHAPTER ONE

INTRODUCTION

The overview of this chapter based on the project background as well as the problem statement for the development Event Organizer (JPNR): Event Management Mobile Application for Non-Resident Students. Apart from that, this chapter also discusses the project objectives, scope, and limitations, significant and concludes with the suggestion of project development.

1.1 Project Background

The advancement in mobile application development has shown some improvements Husqvarna's team developed 41 exclusive apps for eight months of using AppSheet resulting in productivity gains, improved visibility in key metrics, fewer monitoring errors and, among other benefits, enhanced employee engagement (Ludloff, 2019). Entrepreneurs continually accept mobile devices as an important method to streamline business-consumer relationships. Due largely to the ubiquity of portable mobile devices, business owners' usage of apps has increased exponentially over the past few years, positively impacting revenue, employee productivity and consumer satisfaction. In fact, according to a recent Sales force survey, most effective companies lend mobile apps credit for their development, agility and productivity. The study also reports that over the next two years, small businesses adopting the use of mobile devices would increase their productivity by up to 140 per cent ("How Can Mobile Apps maximize your Business Productivity", 2018).

An event mostly needs straightforward details so that the organizers can analyse for future planning. According to Rafalson (2018), Organizers can view data in several ways with all-in-one event management software which results in more insights and better decision making. For example, all-in-one event management