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MusafirTrip: Mobile Application Development for Muslim Travelers

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ABSTRACT

The emergence of Muslim travelers in the industry has become a global trend, with Muslim perception that Muslim travelers are preferred to travel has increased over time. The challenges for Muslim travelers when traveling to different countries nowadays have become a serious problem and quit worrying. The first problem is the number of food outlets with a halal certificate is difficult to identify. Secondly, difficult to find halal-friendly accommodation that offers based on Islamic rules when traveling. Therefore, this project aims to develop a mobile application for Muslim travelers to find halal food outlets and accommodation suitable for Muslims based on the user's location using a mobile phone as a platform. This project will be using the android platform. Besides, the objectives of the project are to identify the user requirements for MusafirTrip mobile application and interaction mainly, to design, and to develop MusafirTrip mobile application. The scope of this project is on area Shah Alam and the target user is Muslim travelers. The development of this application is using the Mobile Application Development Lifecycle (MADLC) methodology to complete this task. The research methodology contains seven phases. However, this project will be developing up until the testing phase only. The limitation and suggestions for future enhancement for this project are based on positive feedback from user testing results. In the future, this project is recommended to include a filtering function so that users can narrow down their search criteria and get more accurate results. The functions of the application are map navigation according to view the nearest halal accommodation and halal food outlets, and able to display the location. In a nutshell, the MusafirTrip mobile application has the potential to help Muslim travelers to find places when traveling.

Keywords: Muslim Travelers, Mobile Application, Android, Map Navigation, Mobile Application Development Life Cycle (MADLC)

TABLE OF CONTENTS

CHAPTER 1

INTRODUCTION

Chapter Overview

This chapter provides the background for the MusafirTrip: Mobile Application Development for Muslim Travelers. It also discusses the background of the study, the problem statement and the objectives derived from the problem. Apart from that, the scope, significance and summarization of the whole chapter is justified.

1.1   Project Background

Halal tourism refers to any tourism item or operation which is allowed under Islamic teaching to be used or engaged by the Muslim tourism sector. To attract Muslim travelers, the dominant work suggests that destinations should emphasize the halal lifestyle, including halal restaurants, accommodation preferences, public transit procedures (travel halal), fashion, shopping, banking, and health care needs (Battour & Ismail, 2016). Despite the growing demand and interest in this so-called concept, there has been a lack of research in the provision and determination of the true concept of Halal tourism in the Islamic context (Z. Samori et al, 2015). Also, understanding the true concept of this so-called concept will lead to the discovery of the current growth of Halal tourism in Asia. In an attempt to understand the current application of this definition, the current trends in Halal tourism in selected Asian countries have been examined with special regard to Malaysia (Z. Samori et al, 2015).

Muslim travelers face several challenges when traveling to different countries (Aziz,2016). For instance, they have difficulties in finding halal-friendly accommodation, nearby mosques to perform the prayer, and finding halal food or restaurants (Cetin, G., & Dincer, M. Z. 2018). There are some websites in recent years that provide information about halal tourism. The concept of Halal tourism provided by the Halal booking website become founders to Muslim Travelers. It provides Halal traveling packages that allow Muslim travelers to unwind, sunbathe, and enjoy