UNIVERSITI TEKNOLOGI MARA

E-SweetPea Cakery: Customized-Cake

Ordering Mobile Application

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

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ABSTRACT

Cake customization is currently in demand by the customer. Customers want to personalize their cake according to their respective preferences. This project developed a mobile application named E-SweetPea Cakery: Customized-Cake Ordering Mobile Application that allow cake csutomization. The project objectives are to identify the user requirements, design, develop and demonstrate E-SweetPea Cakery: Customized-Cake Ordering Mobile Application. The project scopes cover the customer and cake shop owner around Johor Bahru. The project methodology used in this project is Mobile Application Development Life Cycle (MADLC) up until the testing phase. The features and functions for this project are user profile, cake customization, navigation, and image upload. The limitation is that payments are made offline during self-pick up or COD (cash on delivery. The testing phase was conducted with six users using the System Usability Scale (SUS). The significance of this project is to ease users in the ordering process specifically cake customization. In future work, it is proposed to enhance the payment service and to develop the project on iOS platform.

Keywords: Mobile Application, Cake Customization, MADLC, Android, Nagation.

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CHAPTER 1

INTRODUCTION

This chapter describes the project background as well as the problem statement for the development of E-SweetPea Cakery: Customized-Cake Ordering Mobile Application for a cake shop at Johor Bahru. Apart from that, this chapter also discusses the project aim, project objectives, project scopes and limitations, and project significance.

1.1 Project Background

Computers have become an essential part of daily life, allowing users to access practically any type of data. Life in the twenty-first century is full with technical advancements, and it is extremely difficult for any company to thrive in this modern age without employing technology. The World Wide Web makes a significant contribution to the establishment of a growing global information storehouse. It may also be used as a way for employees to communicate information within a company (Waliaula, 2019).

An online ordering system is a method of placing food orders via the internet that may be used in any food delivery sector. The system's major benefit is that it makes the ordering procedure much easier for both the consumer and the establishment. Customized-cake ordering mobile application is a mobile application where customer can custom-cake for any occasion using all the features that can ease the process of online ordering.

A custom cake is any cake that goes above and beyond what is normally done with cakes. Handmade fondant pieces, flowers, or extra attention to detail over a standard design birthday cake are examples of this. Customary cakes include tiered cakes and wedding cakes. Designated cake has become the most chosen type of cake for any kind of occasion, especially birthday cake. Based