

UNIVERSITY TECHNOLOGY MARA

**DEVELOPMENT OF STUDENT GUIDE
PLANNER SYSTEM FOR STUDENT**

KHAIRUNNISA BINTI ZAMANI

**BACHELOR OF COMPUTER SCIENCE (HONS.) NETCENTRIC
COMPUTING**

2 AUGUST 2021

ACKNOWLEDGEMENT

Alhamdulillah, first we express our heartiest thanks and gratefulness to almighty God for His divine blessing makes us possible to complete the final year project successfully. Because of His Almighty and His utmost blessings, Honour and thank Allah. Within the time period given, I was able to finish this research. I grateful and wish our profound our indebtedness to talented lecturer Pn Dr Zolidah Binti Kasiran, that always give support to me and give instruction to learn about how to do the project.

Second thanks to my family that always give support for me to do this project. They never disturb me time of I'm doing my project. Furthermore, my parent also gives me an idea how to create and how to improve my project such as they told me to add a notepad in my project to facilitate users while using my project. Thank you to my parent to the love and support to me.

Third, my special thanks go to my supervisor. Here, I wish to express my sincere appreciation to my Dr Muhammad Yusof Darus for the encouragement, guidance, suggestions, critics and friendship through finishing this project. Thanks also to all the kind and patient lecturer Bachelor of Computer Science (hons.) Netcentric computing that always guide me to do the project. Unforgotten thank to my friend that always give time and understand my difficult situation and give demonstration to describe how my project it is.

I would like to thank our University Technology Mara, Shah Alam, friend for the whole course who took part in this discuss while completing the project.

Thank you very much.

ABSTRACT

Student Guide Planner System for Student is a web based online archive system for the students. This is a collaborative platform for Students in UiTM Shah Alam especially for new intake students. In this platform the students of UiTM will get every kind of help related to their courses of each semester throughout the whole semester begin. They will be provided with all the necessary supplements such as this allow a student to select course for quarter, keep track of homework that have given by lecturer, homework due dates, create and manage project, create reports, precise students for upcoming events, save and keep records for other students. This system to help student to reminder what they need to focus and take notes about their subject. This application also allows students to write a report to as email to the lecturer and upload and download files easily. A real time commenting section is also provided here so that the students can comment about their experience about the experience or suggestion for any kind of improvement in planner management. The student also can contribute in this system by providing their valuable notes and student also can touch down any notes in notepad are provide in this project. The admin of the system will be able to track down the progress of the whole system in real time by login the system. This website will assist our students in a very effective way to guide them into the system. It will help them to find a proper guideline for all the courses subject which is will finally lead them to do magnificent, better results about the explanation about subject. In addition, users often do not need to open another browser to access be guide. The proposed application is a mobile application that is develop on mobile to help students find information before proceeding with their study and easily to search a place at UiTM using GPS technology.

TABLE OF CONTENT

Content	Page
SUPERVISOR APPROVAL.....	ii
STUDENT DECLARATION	iii
ACKNOWLEDGEMENT.....	iv
ABSTRACT.....	v
LIST OF FIGURES.....	ix
LIST OF TABLES.....	x
LIST OF ABBREVIATIONS	xi
CHAPTER 1	1
INTRODUCTION.....	1
1.1 Background of Study	1
1.2 Problem Statement.....	4
1.3 Aim and Objectives	5
1.3.1 Aim	5
1.3.2 Objectives.....	5
1.4 Scope of Project	5
1.5 Significant of Project	6
CHAPTER 2	7
LITERATURE REVIEW	7
2.1 Introduction	7
2.2 Overview	8
2.3 Tracking System	8
2.3.1 Global Positioning System (GPS).....	8
2.3.2 Google Maps	9
2.3.3 GPS Navigation System	9
2.4 Mobile Operating System	10
2.4.1 Android Operating System.....	10
2.4.2 iPhone Operating System (IOS).....	11
2.5 Technology Consideration	13
2.5.1 Language	13
2.5.2 Timetable Generator System	15
2.6 Notification System.....	15
2.6.1 Amazon SNS	15

CHAPTER 1

INTRODUCTION

The background and explanation for the research are given in this chapter. It also provides specifics of the importance of internet privacy, the challenges and issues that contributed to this report.

1.1 Background of Study

A mobile app is a software application that can be run on a smartphone or tablets. It is also possible to refer to a mobile device as an application, a network application, an internet application, an iPhone application, and a tablet application. For example, entertainment and communication often contain valuable information that may be carried out by the application and it is a useful tool for brand communication. A mobile application is often a software application that can be built instead of a desktop or laptop computer, primarily for use on easy, wireless computing devices such as smartphones and tablets.

The mobile application is about timetable with Global Positioning System (GPS) is a navigation system that uses satellites, a receiver, and algorithms to synchronize distance, speed, and time data for air, sea, and ground travel of the feature to make the planner application that had been plan the student activities for work more effectively. Mobile technology is a category of technology that is used, for the most part, in wireless networking and other mobile device-specific aspects. GPS consists of three distinct elements, called segments, which operate together to provide positioning information such as space or earth-circling satellites, transmitting a signal to time-to-day users.