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STUDENT PORTAL WITH GSM

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This report is submitted in partial fulfillment of the requirements for the
Bachelor of Computer Science (Software Engineering)


**FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
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DECLARATION

I hereby declare that this project entitled
STUDENT PORTAL WITH GSM (SPWG)

is written by me and is my own effort and that no part has been plagiarized
without citations.

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DEDICATION

This thesis is dedicated to my beloved parents, Auzar and Yusniarti Yusuf, who have raised me to be the person I am today. You have been with me every step of the way, through good times and bad. Thank you for all the unconditional love, patience, guidance, and support that you have always given me, helping me to succeed and ensure me that I am capable of doing anything. Thank you for everything.

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ABSTRACT

Universiti Teknikal Malaysia Melaka has they own current student portal but the system is quite simple. The system is not managed to send notification to student about updates that makes in the portal. The student need to online and log on to the portal to check the new updates or new announcement from their lecturer. So it made student not up to date.

This system is developed to solve problems above and provide automatic system that can send notification to student through SMS and manage those processes through the computer and hopefully can fulfill all the requirements that needed by Universiti Teknikal Malaysia Melaka.

ABSTRAK

Universiti Teknikal Malaysia Melaka mempunyai portal pelajar yang cukup ringkas. Sistem yang telah dibangun tidak boleh menghantar notis kepada pelajar tentang pelbagai perubahan di dalam portal. Pelajar harus masuk ke dalam portal untuk melihat notis ataupun maklumat baru dari pensyarah mereka.

Sistem ini dibangunkan untuk menyelesaikan masalah-masalah di atas dan menyediakan sistem automatik yang dapat menghantar notis kepada pelajar melalui SMS dan mengurus proses-proses berkenaan melalui komputer dan diharapkan dapat memenuhi semua keperluan yang diinginkan oleh Universiti Teknikal Malaysia Melaka.

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CHAPTER I

INTRODUCTION

1.1 Project Background

The university has their own current system but the system is quite simple. The system is not managed to send notification to student about updates that makes in the portal. The student need to online and log on to the portal to check the new updates or new announcement from their lecturer. So it made student not up to date.

This system develops to upgrade the current system that will have three users that are admin, lecturer, and student. Admin will manage and monitor the portal, admin also will add new staff and publish new announcement. This system is being develop to make more efficiency and useful.

1.2 Problem Statement

The current system just used by student and lecturer to upload and download note, not used to check the result. Student cannot know the update in the portal if there is no internet connection nearby. Student also does not know if their result for subject that they take is already uploaded or not. And again, student cannot check they result without internet connection.

1.3 Project Objective:

This system is developed to fulfill objectives, which are:

- i. To develop a portal that will send a notification to user about new update.
- ii. To make it easier to student to check their result.
- iii. To maintain and update all the data in database.
- iv. To let the student know that the result come out already through mobile
- v. To give system that more systematic and user friendly compare with current system.

1.4 Project Scope:

Scope for the system is divided by two that is system user and system service.

For system user, system will have three users that are admin, lecturer, and student. Admin will manage portal activities. Lecturer just can add announcement, upload note and assignment, download student work.

For system service, the system has three modules that are login, search and other such as add and delete.

Module for login is used by the entire user. By login to the portal, user can get access to the portal specified by their role. Admin can maintain the portal, lecturer can add new note, announcement, and assignment, and student can download and submit work. Admin can search lecturer and announcement.

1.5 Project Significant:

Student portal with GSM will give benefits to student and lecturer because the system is user friendly. Student can keep up to date with new information in the portal because student will get notification when there are any changes in the portal. If their result already comes out, student can know they result already comes out although there is no internet connection to access the portal. For lecturer, this portal is useful because lecturer can upload note or assignment anytime and let the student know if the file is already uploaded by send them a notification.

1.6 Expected Output

In the future I hope student portal really useful to the student and lecturer also.

1.7 Conclusion

Student portal with GSM is a portal combine with GSM which means the portal can send the notification to the user through the GSM. Student portal with GSM will give

benefits to student and lecturer because the system is user friendly. Student can keep up to date with new information in the portal because student will get notification when there are any changes in the portal. For lecturer, this portal is useful because lecturer can upload note or assignment anytime and let the student if the file is already uploaded by send them a notification. Next thing to do to make this project become a real product is studying the literature review and methodology that used in the project.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

This chapter focuses on literature review and project methodology. For first section; fact and finding, it will discuss and review about approach and related research, reference, and other findings about this system. Besides, it also states other approaches that will be used in this project after comparison with existing approach. In project methodology section, selected approach and technology will be described the activities that may do in every stage.

The requirement that requisite in this system will be explained in high level project requirement. Software development tools or software tools and hardware requirement to be used for software development or project management purpose will be stated in this chapter. The actions plan prior to the end of the project also will be explained. This chapter will be continued with conclusion whereby it will conclude about this chapter and also gives an overview about the next chapter.