

BORANG PENGESAHAN STATUS TESIS

JUDUL : CENTRALIZED ORGANISER AND REMINDER FOR
FTMK EVENTS VIA SMS

SESI PENGAJIAN : 2005/2006

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Centralized organizer and reminder for FTMK events via
sms / Mohd Safwan Mohd Radzi.

CENTRALIZED ORGANIZER AND REMINDER FOR FTMK EVENTS VIA SMS

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This report is submitted in partial fulfillment of the requirements for the
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**FACULTY OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
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DECLARATION

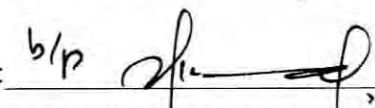
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DEDICATION

To my beloved parents and friends

ACKNOWLEDGEMENTS

In the name of Allah, the most Beneficent and the Most Merciful, I would like to express my grateful to Him for giving me strength, patience and ability to complete this project as it is today.

First of all, I would like to express most sincere gratitude to my supervisor Cik Zuraida Abal Abas and co-supervisor Cik Masilla Kamalrudin for his concerned, also too Encik Haziq Lim Abdullah for their guideline and kindness to make sure the successful of my project. Last but not least, to all my family and friend for their support and motivation throughout my project.

Thank you.

ABSTRACT

Centralized Organizer and Reminder for FTMK Events via SMS designed based on web based application. In the new era of technology, computers, mobile phone and Internet has become part of our necessity to acquire information. The purpose of this system is to centralize the faculty event for an efficiency of circulating information among the staff. This system gives the benefit for administrator for inform about the event in faculty. It is also enable for user to gain event information in faculty via SMS.

ABSTRAK

Centralized Organizer and Reminder for FTMK Events via SMS dibangun berdasarkan aplikasi capaian web. Di dalam era teknologi, computer, telefon bimbit dan internet memudahkan kita untuk memperoleh maklumat. Tujuan system ini dibangunkan adalah untuk selaraskan peristiwa yang berlaku di fakulti dan menyebarkan maklumat di antara pengguna system. System ini akan memberikan faedah kepada pentadbiran kerana boleh membantu dari segi penyebaran maklumat. System ini juga boleh memudahkan seseorang pengguna untuk mendapatkan sesuatu maklumat berkaitan peristiwa di fakulti secara SMS.

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LIST OF ABBREVIATIONS

SMS	-	Short Messaging Service
GSM	-	Group Special Mobile
SQL	-	Structured Query Language
RDBMS	-	Relational Database Management System
ASP	-	Active Server Page
PHP	-	Hypertext Pre-Processor
JSP	-	Java Server Page
IIS	-	Internet Information Server
OOAD	-	Object Oriented Analysis and Design
FTMK	-	Faculty of Information Technology & Communication

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CHAPTER I

INTRODUCTION

This chapter reviews about the introduction of the project such as project background, problem statement, project objective, scope, project significance and conclusion.

1.1 PROJECT BACKGROUND

In the new era of technology, computers, mobile phone and Internet has become part of our necessity to acquire information. The evolution has driven economic and social remarkably for the past centuries such as read news, find useful information and interact socially with other people. To meet the challenges of bringing people up-to-speed with fewer resources and less time, institutions need new solutions that facilitate and improve the distribution of information. To many institutions, the answer is using Short Messaging Service (SMS) technology. The benefits of using the SMS on delivering information to user when and where they need it are realized through increased retention and greater access to information.

Therefore, the development of **Centralized Organizer and Reminder for FTMK Events via SMS** will be the alternative solution for the distribution technique. The purpose of this system is to centralize the faculty event for an efficiency of circulating information among the staff. On the other hand, the student and other user able to access the faculty event via SMS anytime and anywhere. This

system will remind the respective faculty staff about the event that they should cooperate such as meeting, workshop or seminar. The reminders depend on the event date and time setting by the administrator for the event. For example, if the event needs the system to remind the particular staff one day or one hour before the event, it will notify via SMS automatically based on the setting.

With the development of this system, hopefully it will offer the ideal and innovative technique of accessing information to the staff, student and others user effectively and efficiently anytime and anywhere.

1.2 PROBLEM STATEMENT

Announces about information events is important. The correct and precise information will give us guarantee for success. There are some weaken during the process of distributing the information at FTMK. Normally, the faculty used a pamphlets or memo to deliver the information. Beside that, email is also being used to distribute the event information among the user. However, not all of the information will be publish because the pamphlet is tattered, soiled and missing. Sometime there are limited times of accessing email.

That is why the system is needed to develop. The system can help peoples in getting information correctly and fast. To solve this problem, the SMS system is develop as a method for sending information. The advantages of using mobile phone because it is widely used. The user can send and receive information easily at any place and any time.

1.3 OBJECTIVE

The objectives of this project are as follows:

- i. To remind a respective faculty staff on the event via SMS. The staff will be reminding on the event through SMS depend on system setting date and time.
- ii. To provide as a one stop events organizer for the FTMK faculty. The admin will centralize on managing the whole of faculty event.

1.4 SCOPE

This system is developed to manage and inform the students, FTMK staff and outsider about the events on particular date via SMS. Users just need to send SMS to know about the events and they will receive their request information. Other than that, the system will remind the FTMK staff about the events that they need to take an action. For example attend meeting, memo, announcement and others. All events in FTMK will be added to database system.

The platform for using the system is Windows environment and the domain is for the FTMK only. The system is develop for FTMK and not involve modification from the algorithm. The project will be use the mobile technology such as GSM Mobile. The purpose of using GSM Modem because it can use our simcard, replacing the Gateway provider. Compare to use the Gateway provider; the installation is more complex and also expensive. Cost such as service, network coverage, protocol supported and others must include. Therefore the using of GSM Modem because it is cheaper although the method is suitable when the SMS traffic is low. Next is the scope of the system:

i) **Registration of users by Interface**

The system will be managed by admin in faculty. The admin will register all the FTMK staff in the system and give their unique ID. For other users such as students and outsider, the registration is not included. They need to send SMS if they

want to know the event in FTMK. But for FTMK staff, they have their priority where the system will notify about the events via SMS.

ii) Registration of Events by Interface

Systems that develop will inform the FTMK staffs of what events will be happen. Before that, the admin need to register the events date and location. All information about the events in FTMK will be centralized in the system. The admin is responsible to publish the events and manage the system wisely. Therefore the users can access information with the easiest way via SMS.

iii) Reminder by SMS

The system will remind the FTMK staff about ongoing event via SMS. The system will send SMS one day and one hour before the events depend on event setting. For example, the system should be able to remind the FTMK staff about the meeting via SMS.

1.5 PROJECT SIGNIFICANCE

System that will be develop will give the administration in FTMK a new of safe and fast method for publish the events information. The users can get the information easily via SMS. The system is able to remind the FTMK staff about the events that such as meeting via SMS.

The system is very important because it can help administration and users to handle, access, distribute and remind the events in FTMK with the SMS technology. These approaches are easy, fast and safe. The SMS can provide a good method on how to deliver the information. Based on ordinary system, the usage of pamphlet and email is good but not practical. The pamphlet is only available in certain area.

Sometimes it is missing and soiled. While using the emails, as a platform to circulate information is not a better practice because not every people can access the Internet facilities.

Therefore this is why the system is important to be develop for the advantage of the both side either administration or user. On the other hand, everybody will be update with the latest information in the faculty.

1.6 CONCLUSION

The system that will be developed is able to solve the problem about the information events distribution. The systems should achieve the objective and provide probability for centralized events and remind about the events in FTMK. The system is capable to provide an alternative way to publish the information in the faculty. SMS method is the great way to gain information easily, fast and safe.

In the next chapter, the literature review and project methodology chapter are going to focus about searching, collecting and analyzing that relevant issue that similar in the project. The technique, tools and approaches used also will be explained in the chapter.

CHAPTER II

LITERATURE REVIEW AND PRODUCT METHODOLOGY

This chapter are basically about searching, collecting and analyzing the relevant issue for the project. On the other hand, the technique, tools and approaches will be explained in this section.

2.1 INTRODUCTION

Centralized Organizer and Reminder for FTMK Events via SMS is the system that enables the users to access information about the events wisely via SMS. The systems provide event information to the user such as staff, student and outsider.

The system is able to remind the FTMK staff about the events that is important for them automatically. For example, the system should be able to remind the FTMK staff about the meeting that will be held in the faculty through SMS depending on setting.

Normally, the entire information event is not publish practically for circulated among the user. The pamphlet that shows on board maybe tattered, soiled and gone by irresponsible people. But the system can change our style to inform the users about the events. The system will send the message to particular user, who needed the information via SMS. SMS is the greatest technology, fast and also safe.