Universiti Teknologi MARA

**FSKM Online Examination Management System
(FOEMS)**

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ABSTRACT

Examination is compulsory usually for every subject that was offered in the university and it is a job of the university or faculty to manage the examination papers to ensure that the examination papers are appropriate for the student to test their skills and suitable for the lecturers to grade the student according to their knowledge. The aim of this project is to develop and implement web application system FSKM Online Examination Management System (FOEMS) to process examination paper making in FSKM, stepping stone in enhancing the Examination Paper Bank Management System (EPBMS) with new functionality and features. This project will focus on examination paper department in FSKM which the system will manage the process of making examination papers in FSKM only. In essence, analysis and study to research about the problem for the FOEMS system is done by analyzing the current manual system and EPBMS to come out with a new requirement to add functionality and features to the FOEMS such as the functionality to send notification to the Vetors to check the examination papers. Therefore, this project is proposed to overcome the current problem and ensure the capability of the system to satisfy user's requirement and business flow. This project is following the System Development Life Cycle (SDLC) framework or also known as Waterfall Model. As a result of this project, head of department can assign lecturers to make the examination papers and vetors can check for the examination papers that have been submitted to the examination department because the system will automatically send notification to them. It is hope that this system will helps the examination department to manage the process efficiently.

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CHAPTER 1

RESEARCH OVERVIEW

1.0　Introduction

This chapter provides overview of research overview for the project entitled FSKM FYP Management System. In this chapter, the research problem discussed towards the formulation of the problem statements and the derivation of the research aim, objectives, scope and also significance of the research.

1.1　Research Background

Education institutions always have a way to evaluate their students. This evaluation is really needed for the community to see how the performance of a student when he entering the community soon. Usually, this evaluation is performed by grading the student using the exam papers that the institutions make so that it will fulfill the requirement to graduate in that particular university.

In UiTM (Universiti Teknologi MARA), there is one department involved with the management of exam papers. This department will involve in the process of making exam papers from the ground up until it answered by the students and mark by the lecturer. The department will keep track of all the process of the making of exam papers in UiTM. If some of the exam papers are not following the required steps to submit the exam papers, the staffs in the department has to take control of the process and make sure all the lecturers will fulfill the steps involved in exam papers making. It can become a problem if lecturers do not keep an eye on the stages involved in submission of exam papers.