



TIME ATTENDANCE MANAGEMENT SYSTEM (TAMS)

**Project report is presented in partial fulfillment for the award of the
B Eng. (Hons.) in Electrical Engineering
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ABSTRACT

The main objective of this project is to develop a smart system - Time Attendance Management System (TAMS) by using XAMPP as web server package consisting mainly of the Pre Hypertext Processor (PHP) as a programming language, Apache HTTP Server, and Microsoft SQL (MySQL) as a database. The system is an online web application which has the ability to logon time in and out for lecturers every day. This system can be accessed only in Universiti Teknologi MARA (UiTM) local area network. Due to flexible working hour of lecturer, it is more efficient and easier if this system is applied as compared to the punch card method.

This system provides efficient data management where the administrative staff can easily retrieved all the related information. The system is targeted to be implementing in the Faculty of Electrical Engineering (FEE).

Keywords: Time Attendance Management System (TAMS), XAMPP, Pre Hypertext Processor (PHP), Apache HTTP Server, and Microsoft SQL (MySQL).

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CHAPTER 1

INTRODUCTION

1.1 BACKGROUND

Undeniably electronic system plays an important role in every day's life especially to an organization or institution. As the largest university in Malaysia, and to accept government challenge in upgrading the human capital, UiTM is rapidly develop an electronic system in every sector to enhance it performance in catering educational services.

Nowadays, new requirement always arises, therefore to cater that requirement new system should be developed. Time Attendance Management System (TAMS) is a proposed system that can fulfill one of the requirements in UiTM. It is an enhancement or value added for the existing system of manual punch card.

1.2 OBJECTIVE

The objective of this project study is to develop a system which has the ability to logon time in and out for lecturers every working day. It is an online web application system which can be accessed only in Universiti Teknologi MARA (UiTM) local area network.