

**EXTENDED SOFTWARE DEVELOPMENT FOR TIME ATTENDANCE SYSTEM**

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**M.Sc. (INFORMATION TECHNOLOGY MANAGEMENT)**

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**ABSTRACT**

During the past year, the staff of the human resources department has to manually prepare the working report of employees for the executive. The main reports consist of absence, annual leave, OT, shift and login-logout status. The executives use this data to control the working time and evaluate the performance of all employees. This traditional way of working causes a waste of human resource staff. This research proposes a system of time attendance reports; an automatic system for human resource management. It was developed to improve the working methods of the human resource staff and respond to the requirements of the executive.

The results from using the time attendance report system has shown that it has the ability to support the work excellently. The satisfaction score is at a good level, which means that this developed system can respond to the requirements of the executives and employees. The system can satisfy the needs of executives for verifying employee performance, while it reduces the number of staff needed to prepare the report. Moreover, the officers are able to verify the working time records and working statistics from the time attendance report system. This system can make everything easy, fast and saves time.

**KEY WORDS: TIME ATTENDANCE/WORKING REPORT/ HRM**

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