Universiti Teknologi MARA

Mobile Based Attendance System

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ABSTRACT

Nowadays all the system have been automation that easier for user to use rather than manually. Smart phone one of the most commonly use and more favored companions to users than desktop or notebooks. In the university, lecturer have to take students' attendance and most of it still using manual system, paper based. The problem using paper based for the attendance is it might get lost or damage for whatever reasons. Sometimes the paper might get torn or there any unwanted scribble on the paper that might damage. The objective of this project is to design an automated online attendance system. It easier for students and lecturer to take attendance if using automated online attendance system by using their smart phone. This system will using mobile based because it convenience for user to used it. Expected outcome from this automation attendance system is lead to efficient reporting and activity.

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CHAPTER 1: INTRODUCTION

This chapter will provide the background study of this project, the problem statement of the reason of developing this project, the project's objective, the scope and significance of this project.

1.1   Background of Study

Generally, each every class in university, university instructor or lecturer will taking student attendance. The activity take times especially when the class are big with a big number of students. Some faculty policies instruct the attendance activity to be carry out in each lecture. Particularly, out of the total credit hour that are given to every course, may be neglected to fulfil this activity that normally takes around ten minutes per lecturer. In other word, attendance activity is managed by each lecturer manually.

The attendance activity and tracking is managed by each lecturers. Lecturers are manually maintain student attendance for analyzing and reporting. Students who are absent from lectures might face some learning issues such as missing lessons, difficulty in obtaining additional instruction and information.

Insights demonstrates that 42% of cell phone clients have a normal age of 26 years of age. Therefore, with the across the board of cell phones among college understudies, this paper tends to the issue of such a loss in the address time and proposes a framework that offers to decrease it by just about 90%. (Almasalha & Hirzallah, 2014).

Smartphones are becoming mainstream compared to desktops or notebooks. It provide an easiest and smart way to track attendance in institutions. The purpose of the smartphone based attendance system is to computerize the traditional way of recording attendance. Along this line, the will spare time as well as execution that were require to be put by lecturer.