

WEB-BASED STUDENT ATTENDANCE MONITORING WITH SMS NOTIFICATION

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ABSTRACT

Students attendance in Universiti Teknologi MARA (UiTM) Perlis are commonly being monitored by lecturers and Academic Affairs Division (HEA). Lecturers need to monitor student attendance as it may help to identify student problems at an early stage. Currently, lecturers need to fill in the absenteeism report on paper and need to hand over to HEA staff. Some students avoid to tell their parents regarding the warning letter or any absenteeism problem that occur. Thus, the purpose of this research to develop a Web-based Student Attendance Monitoring with SMS Notification (SAMS). Short Messaging Service (SMS) technology is used since it provides a quicker way to communicate with others. In the testing phase, usability test had been conducted with fourteen respondents in UiTM Perlis including ten students, two lecturers and two staff from HEA. From the findings, it is discovered that SAMS can help lecturer in monitoring the student absenteeism in an easier way which they do not need to go to HEA to make an absenteeism report, the integration of system with SMS is helpful as it can notify the parents and users are satisfied to use this system.

Keywords: Attendance Monitoring, SMS Technology