Automated Attendance Management System

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Abstract: *In the last few years due to improvement of technology education system in India has developed. Smart Class, video conferencing is some of the examples of modern trends in educational system. Automated Attendance Management System is a web-based application which helps the institute to move forward, fulfill their vision accomplish their goals. In this research, we purposed a secure system that provides information about the attendance of students. In this framework when the card brought close to the RFID module, it reads the card data and its contrasts and the information in the program memory and showcases the corresponding name to that card. The attendance is saved in a text file on the SD card then it converted to an excel sheet on the computer. This research work successfully designed and implemented an Automatic Attendance System that automatically takes attendance and calculates thepercentages via scanning the Unique Identifier (UID) of a tag which represents each student. The designed system proved to be effective such that it processes information gathered from the tags within an average.*

Keywords: *Web Application, Attendance, MySQL, RFID (Radio frequency identification), Unique Identifier (UID).*

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