

Automated Professor's Identification System (A.P.I.S.) for De La Salle University - Dasmariñas

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by

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ABSTRACT

The Automated Professor's Identification System or A.P.I.S. is an automated way of attendance checking for the College of Engineering, Architecture, and Technology. The system includes an RFID reader partnered with an RFID tag. The RFID tag will serve as the identification for every professor of the college. The professors' ID numbers will be based on the year they were employed and their registration number. The registration number will start from 00001 then will continue to increment for every professor who were employed that year. The said system will be connected to the gizDuino. The gizDuino will be the processor that was responsible for transferring the data from the reader to the computer. Moreover, there will be two computers in the said system. One computer for the checker and another for the Department Chair. In the Department Chair's computer, there will be a graphical user interface, in the graphical user interface the Department Chair will be capable of having administrative privileges while the Checker will only see the summary and the schedule of the professors. The two computers are connected via LAN. In addition, the system is also capable of sending a message to the Department Chair if a professor has not yet logged in, and if a professor has already subbed for the absent professor, then the Department Chair will be notified via SMS and the Checker will be notified via the GUI and database.