Title: Student Entrance Security System using RFID and Facial Recognition using FaceSDK for University of Mindanao

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EXECUTIVE SUMMARY

Face recognition is one of the most biometric solutions use for security purposes. Its technology measures and matches the unique characteristics of a person's face for identification or authentication.

Security means the prevention and protection of any danger that can happen any time to a person or people. On the other hand, safety means the relative freedom of danger or risk that can happen on to a person or people.

The researchers developed a system that will cater the security and safety of students enrolled at the University of Mindanao. The researchers developed a system that can ensure that only students who are currently enrolled can enter the school using Radio Frequency Identification (RFID) and Facial Recognition Technology. Furthermore, the developed system can also assure that every students and employee who are entering the university use their own ID. Through this system, a student cannot use fake ID or borrow from his/her classmate to enter the university's premise. It will improve the safety and security of students upon entering the campus.