EXTENDED ABSTRACT

This project pertains to a student biometric attendance system. The system will be designed to keep track of class attendance. Keeping track of students coming in and going out of class will be the main objectives of the system. The different types of biometric verifications can be used to determine one’s identity by a certain characteristic that differs from someone else’s. In this project attendance tracking will be considered through fingerprint recognition.

The team will complete design, implementation, and related documents. The team members considered their skills and the classes they had taken to come up with the idea of their project. The work is divided into smaller tasks, some of which would have to be done by the entire team, and some would require individual attention.

The project will use fingerprint scanning. An associated database in a high-level programming language will keep records of the student’s information and will contain certain information of the student’s data. Once the student inputs his/her information through the scanner, the program will perform a comparison to recognize the fingerprint and will find the exact match in the database. Then, the database, as well as the monitor, will be refreshed by student’s data.