IoT Project

Home security monitor

A facial-recognition based security system that can identify pre-recorded faces and raise an alarm when a stranger intrudes. The user will be notified of the same and he/she can take the necessary action. It can also be used to monitor the entry and exit of people.

This device will target homes, offices, supermarkets, classrooms, or any place where footfall is to be monitored.

We intend to place a camera at a strategic location. As soon as a person comes into view, our system runs facial recognition; if possible, it will also track the person across the room. An alert will be sent to the user, if the person is not in the database.