

Third Eye

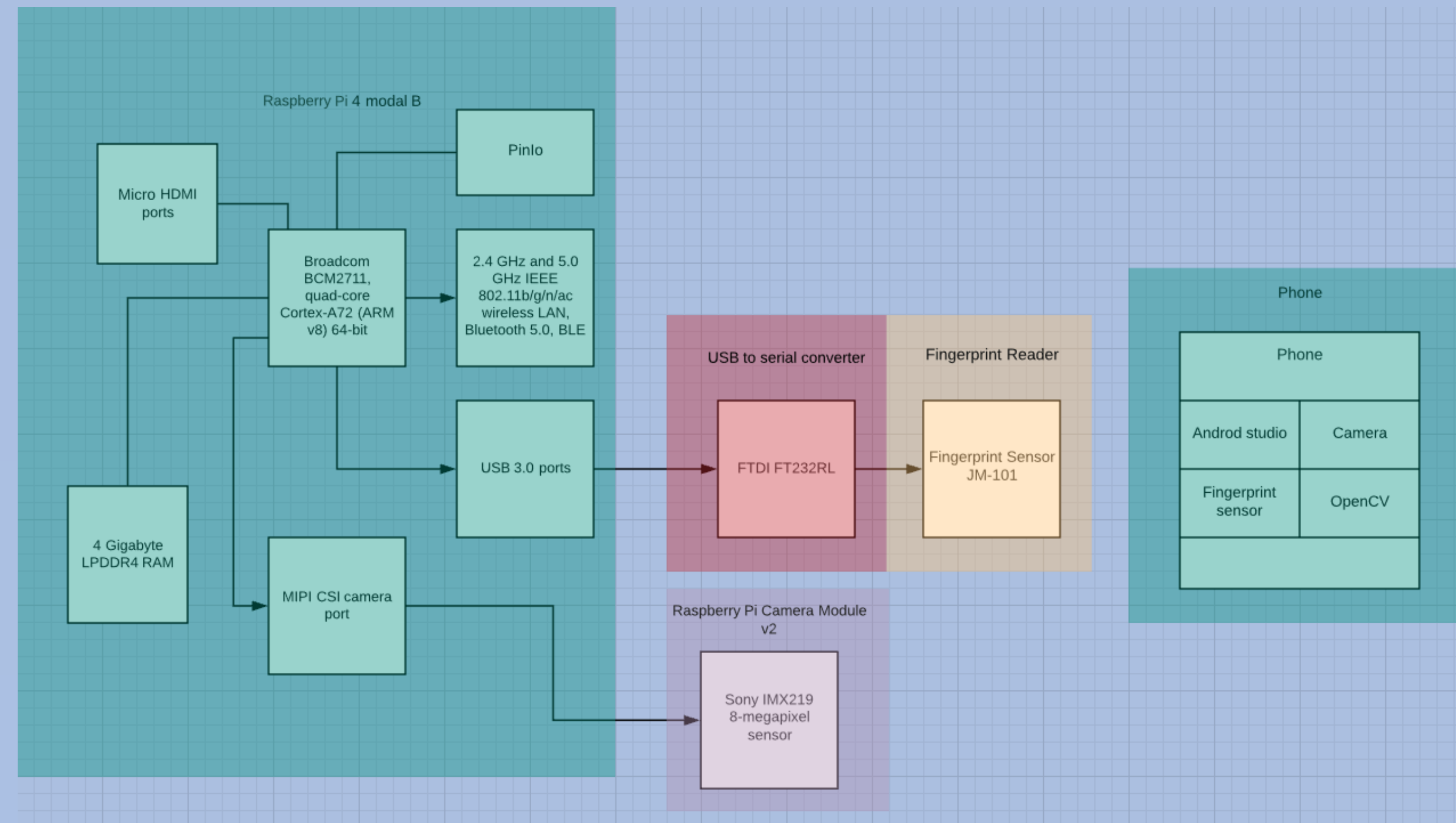
Project Description

Third Eye is a smart security system using facial and fingerprint recognition. It can be used for both private homes and workplaces.

It works using physical login and an App login

Application

A database has been created of peoples faces. The system is activated on entering a property by using facial identification from the database. Should this fail the fingerprint system will be prompted. The app can also be used as an alternative to the physical login.



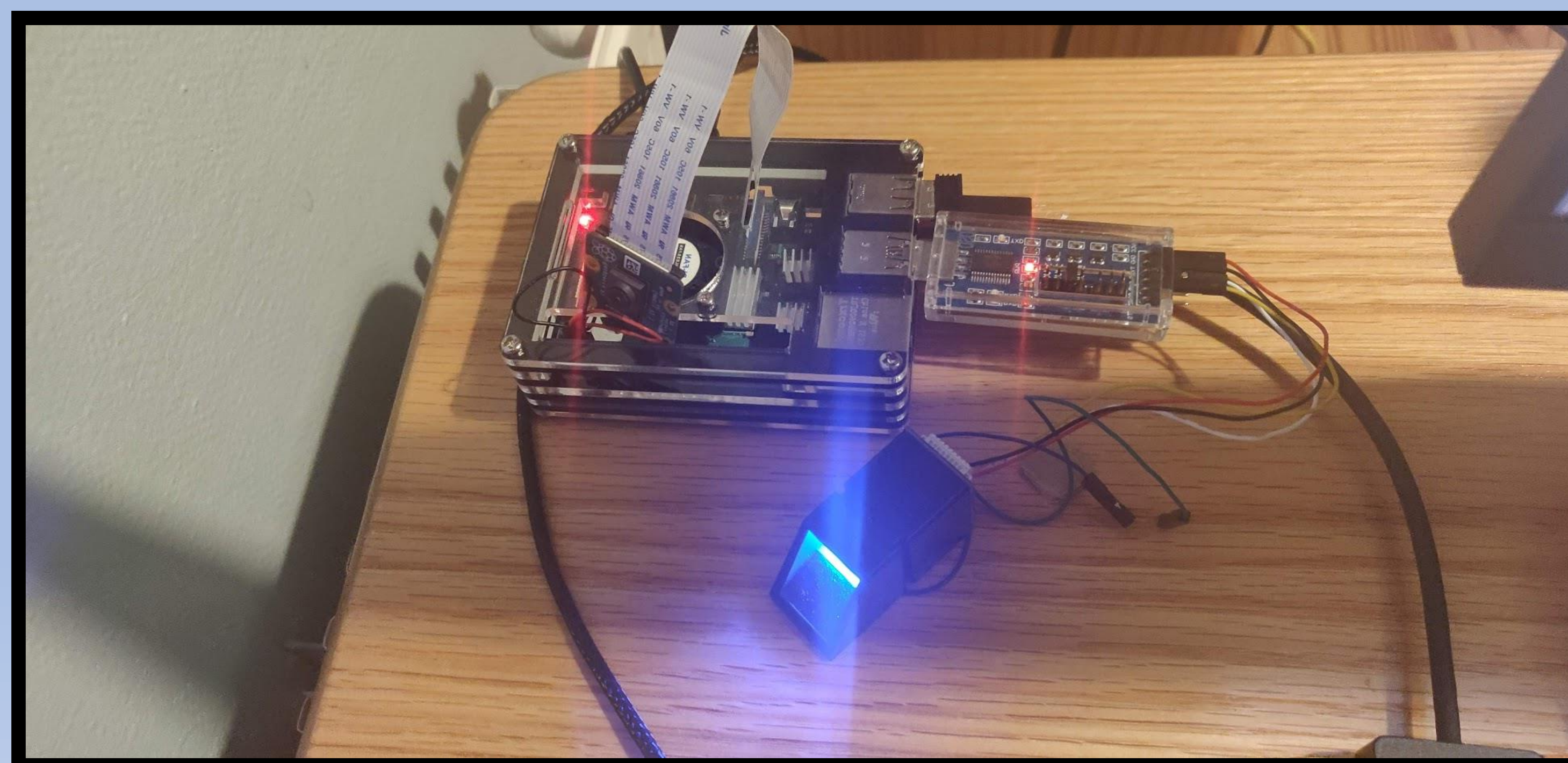
Hardware and software

Hardware:

Raspberry pi 4
Raspberry pi camera
Fingerprint scanner
USB to UART Converter

Software:

Open CV
Android studio



Summary

Third Eye system is an aid to secure your home/business when you are not around. It monitors your main entrance and supplies a live feed from your property. It gives the owner peace of mind that the property is safe and secure at all time.

