Abort

Start System

End

Door remains locked and the visitor cannot enter

User’s reply

The new person’s data is entered into the database

Extract the reply from the user using imaplib (IMAP4 Protocol Client) in Python

Welcome message for the visitor is processed

A true value is passed for unlocking the door

E-mail is sent to the user informing him about the visitor using smtplib (SMTP Protocol Client) in Python

E-mail sent to the user asking him about the visitor’s information to be entered into the database and ask if the person is to be allowed or denied entry

PIR Motion Sensor detects movement

Pi Camera not activated

Pi Camera activated to click images

Camera detects face attributes

Images of the visitor match with any of those in database