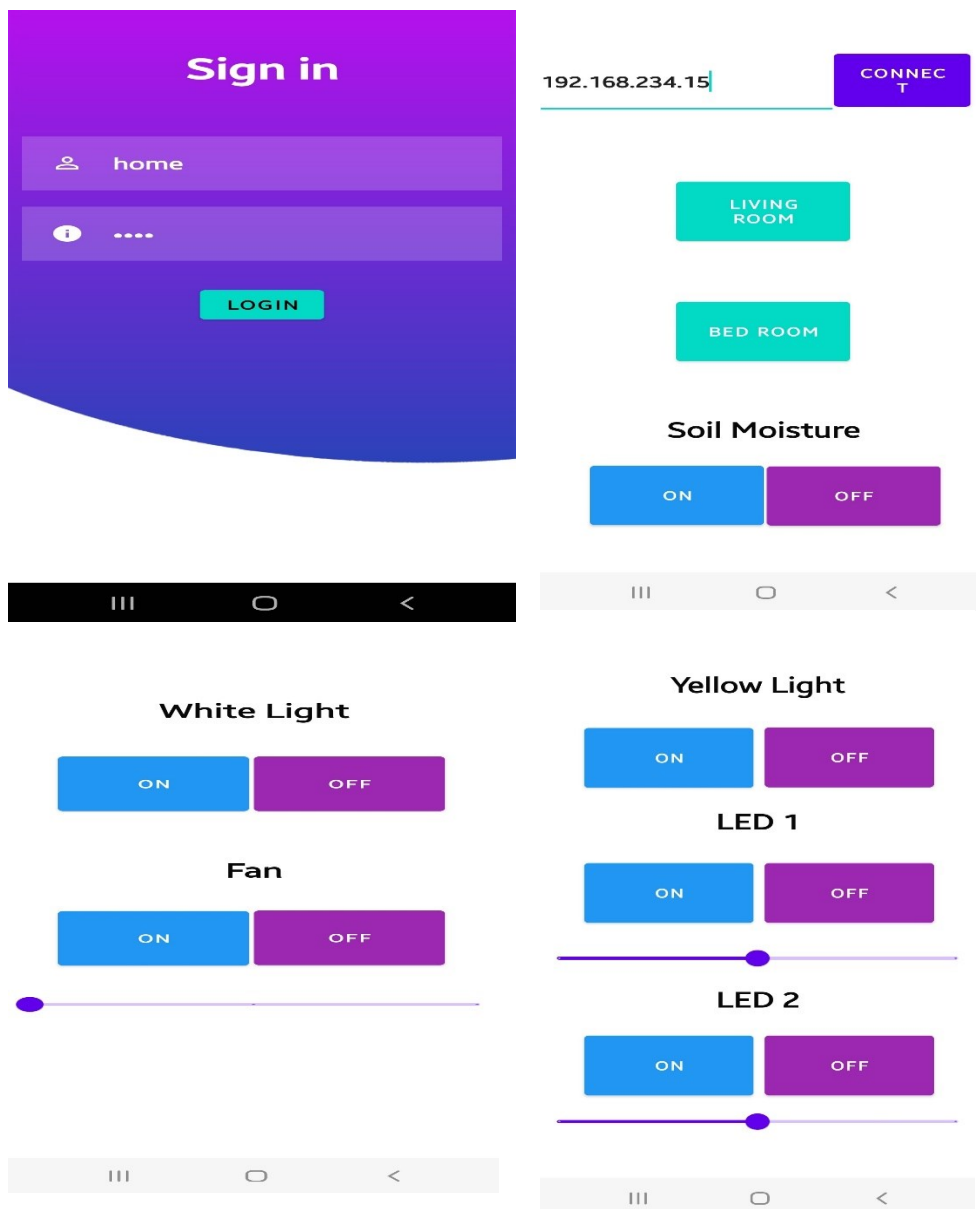


After calibration of the soil moisture sensor based on we have arrived at the following conclusion for the range of the moisture content and are classified as follows:

S.No	Calibrated Value Range	Moisture Content in soil
1	300 - 500	More moisture content
2	500 -800	Modurate moisture content
3	800 - 1023	Low or no moisture content

IMPLEMENTATION / PROTOTYPING RESULTS:

APP design for controlling Bulb, LED, Motor.



Hardware Simulation for Home Automation:

White light ON

Yellow light ON



Led control with Intensity:

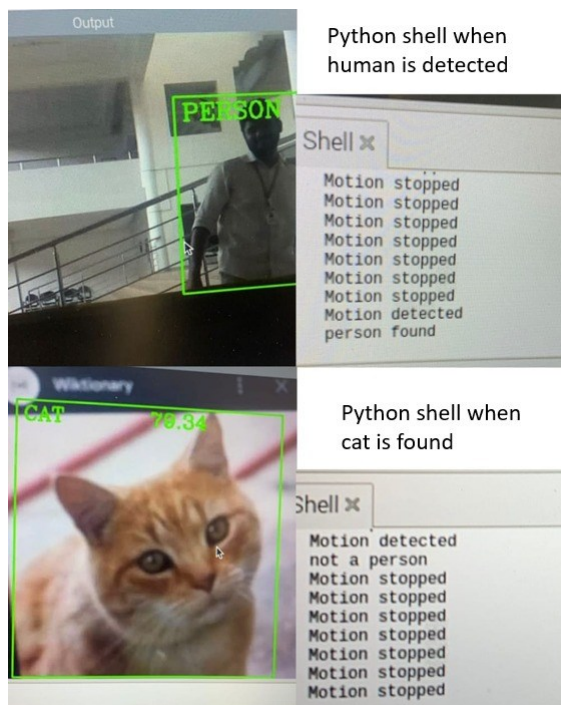
Level3

Level2

Level1



Home Security Intrusion Detection:



Smart Garden:

Watering plants when moisture level is low:

