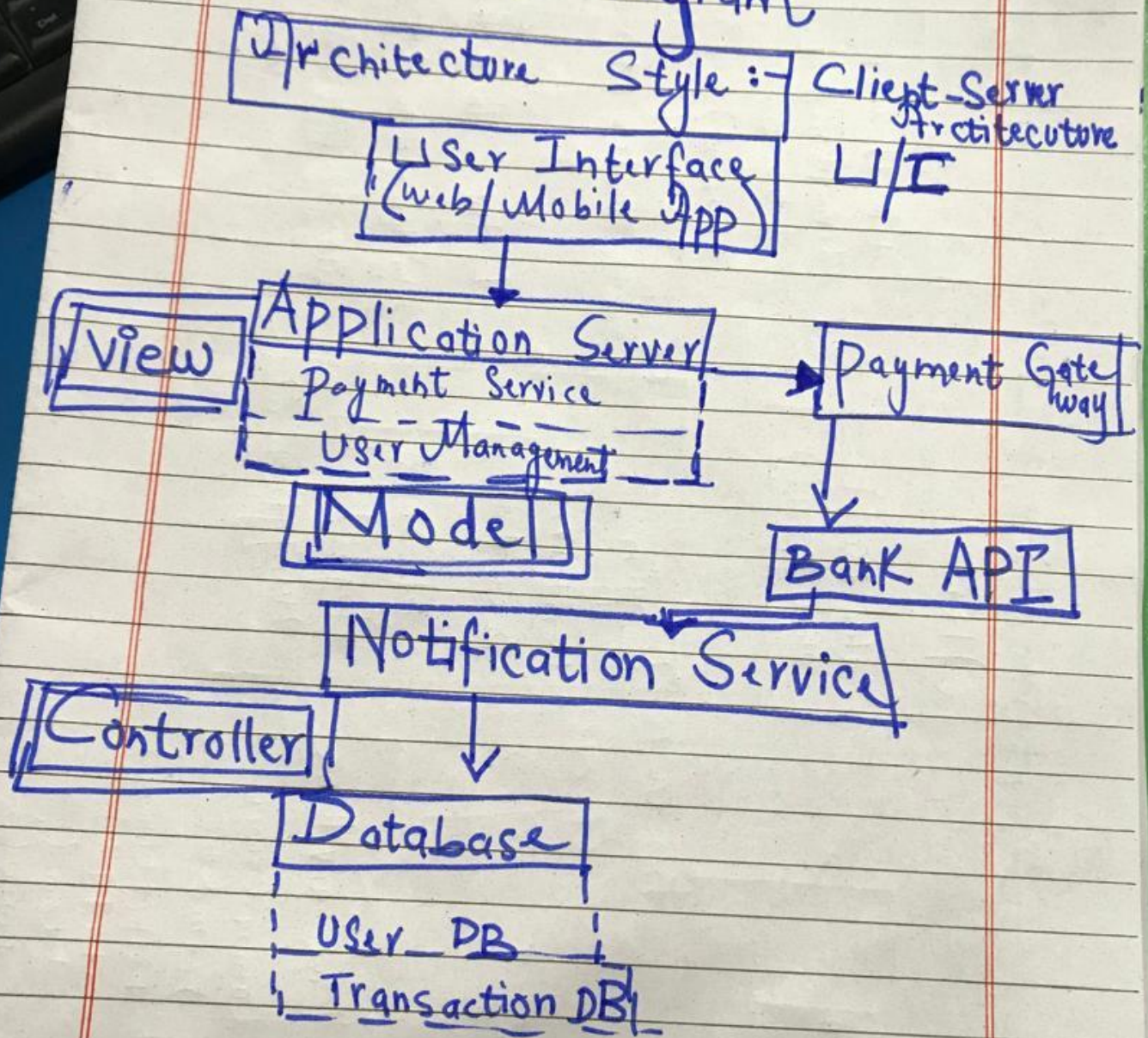


Name:- Fania Mehmood Roll No:- FA22-BSE-025

DATE: _____
Home Automation System
① Architecture Block Diagram

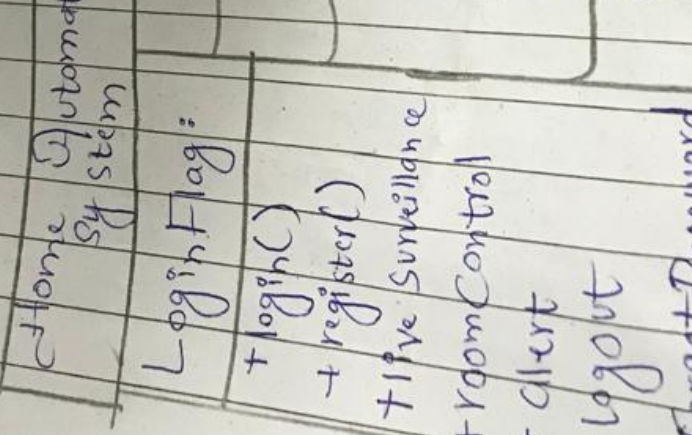
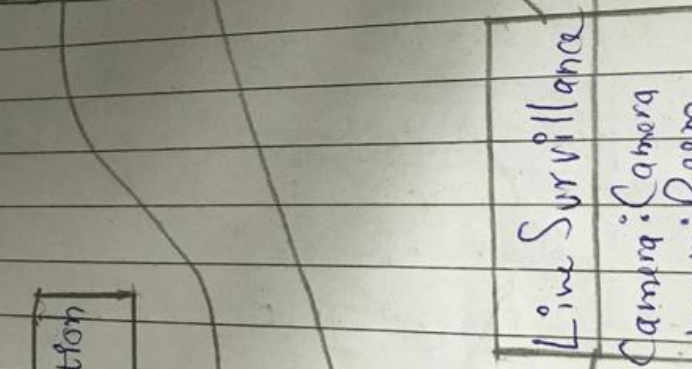
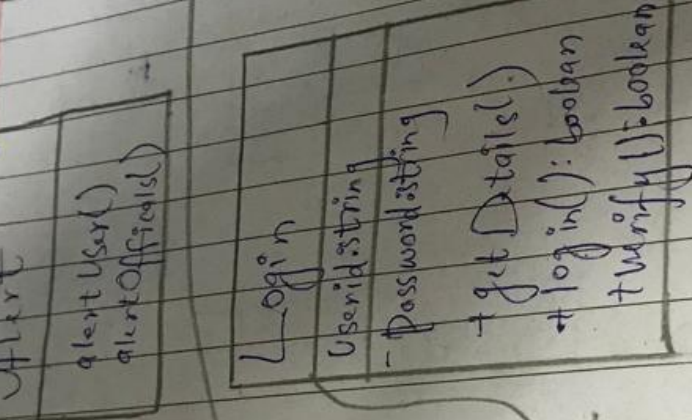
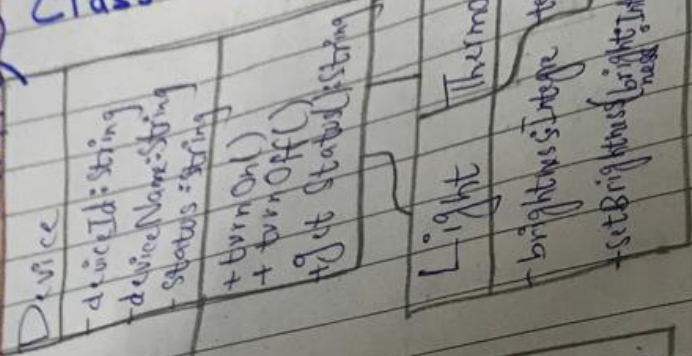


∴ Used Layered Architecture

Home

Automation (Live Surveillance)

Class Diagram

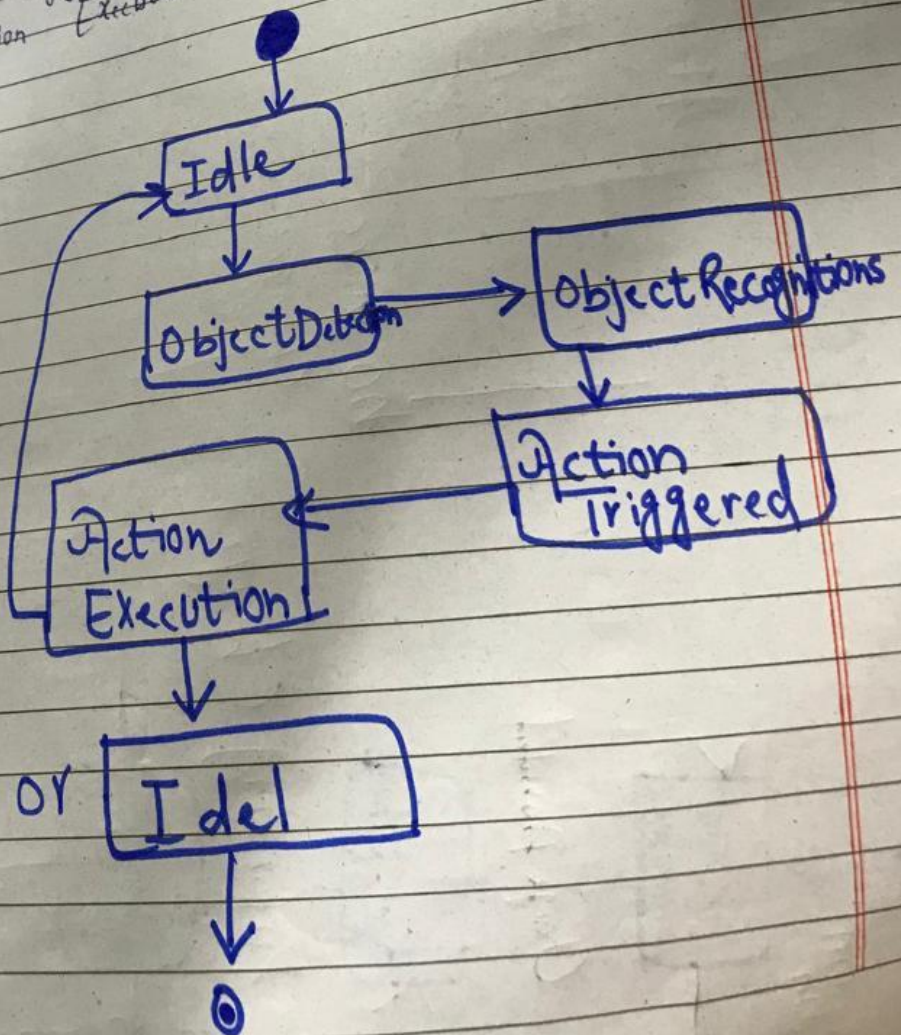


③ State Diagram

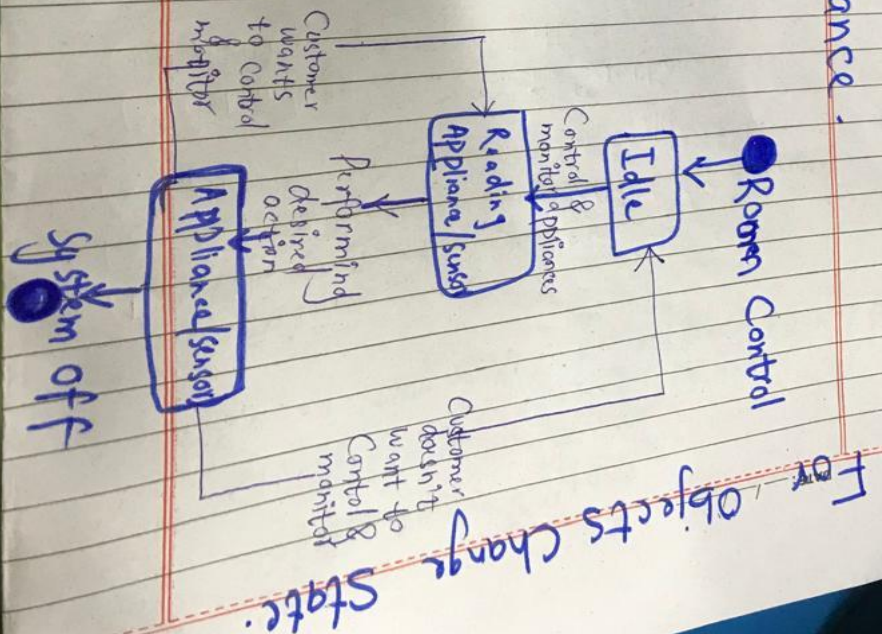
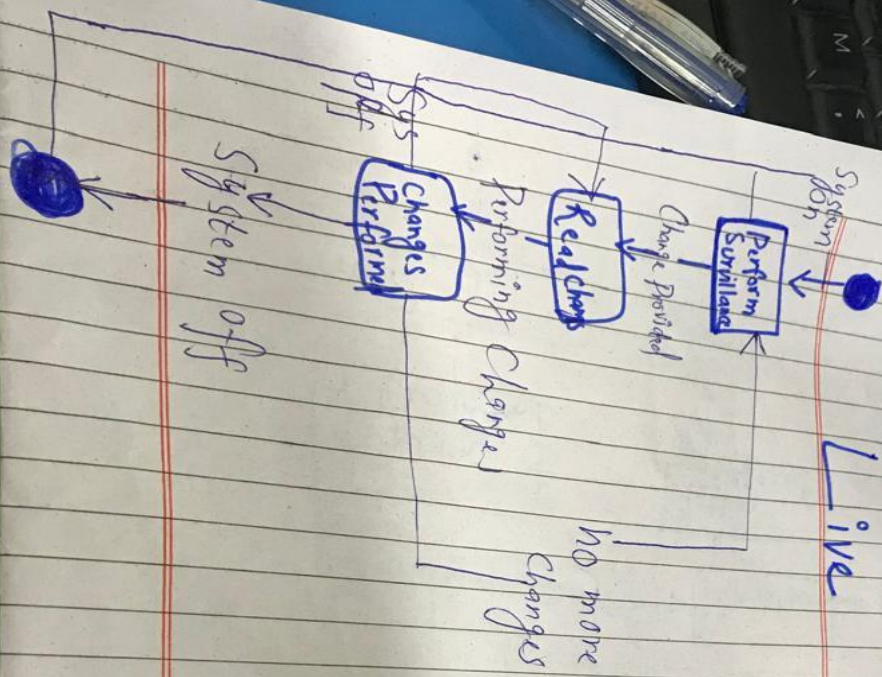
States :- idle, Object Recognition, Action Triggered, Object Detection, Action Execution

Transition :-

- ① Idle → Object Detection
- ② Object Detection → Object Recognition
- ③ Object Recognition → Action Triggered
- ④ Action Triggered → Action Execution
- ⑤ Action Execution → Idle



Live Surveillance.



For objects change State.