



COMSATS University Islamabad Abbottabad Campus

Lab Final.

Subject: Software Design and Architecture.

Section: 5A.

Submitted By:

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Topic: Lab Final.

Submitted to: Sir Mukhtiar Zamin.

Submission date: 1st January 2025.

Date: 6/1/25

Day: Monday

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Column: ODD.

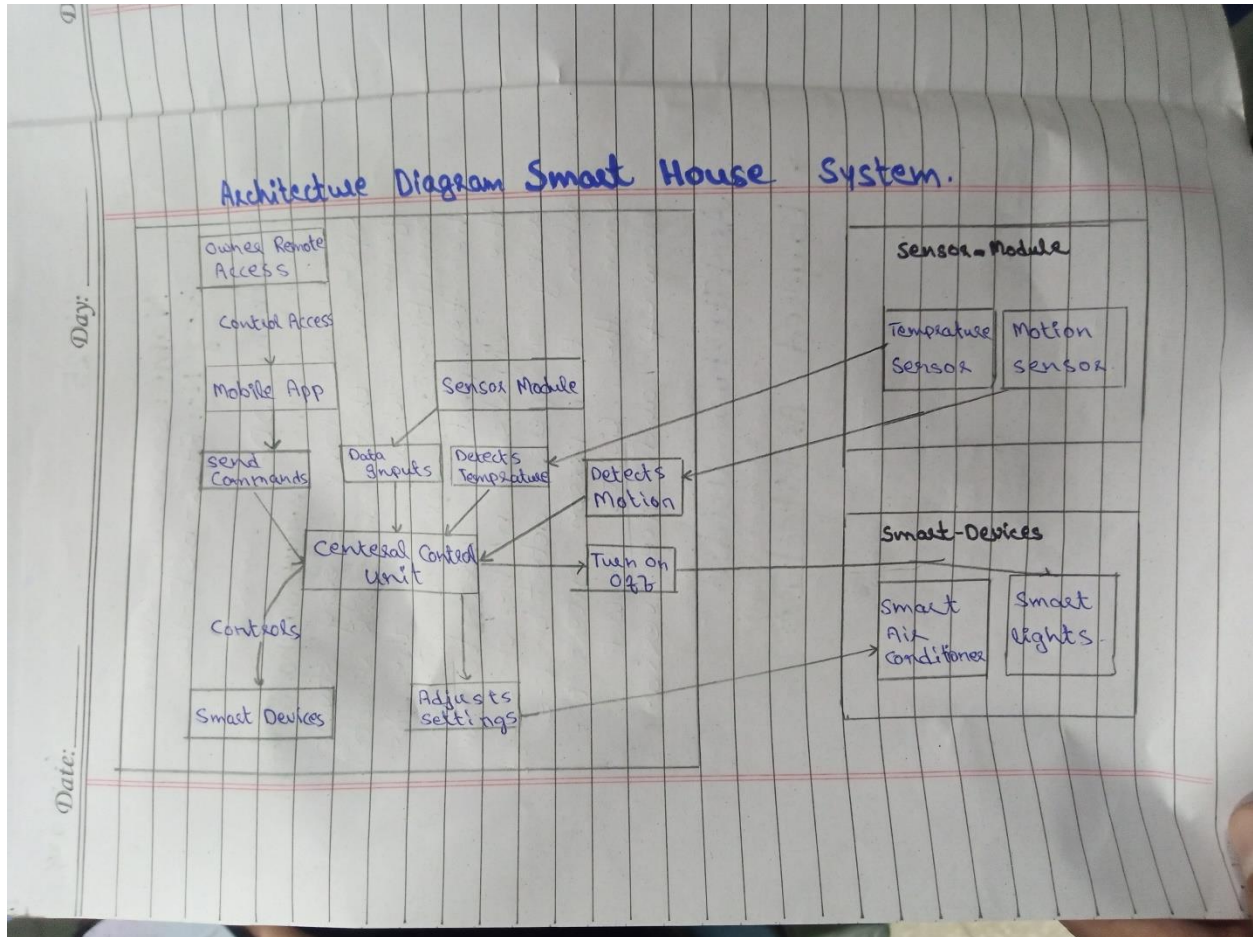
Smart Home Energy Saving System

A Smart Home Energy Saving system that can work remotely from anywhere and the A/C conditioners can work on the temperature detector and the lights can be on or off using a person detection (i.e.) when the person enters the room the lights should be blow up and vice versa.

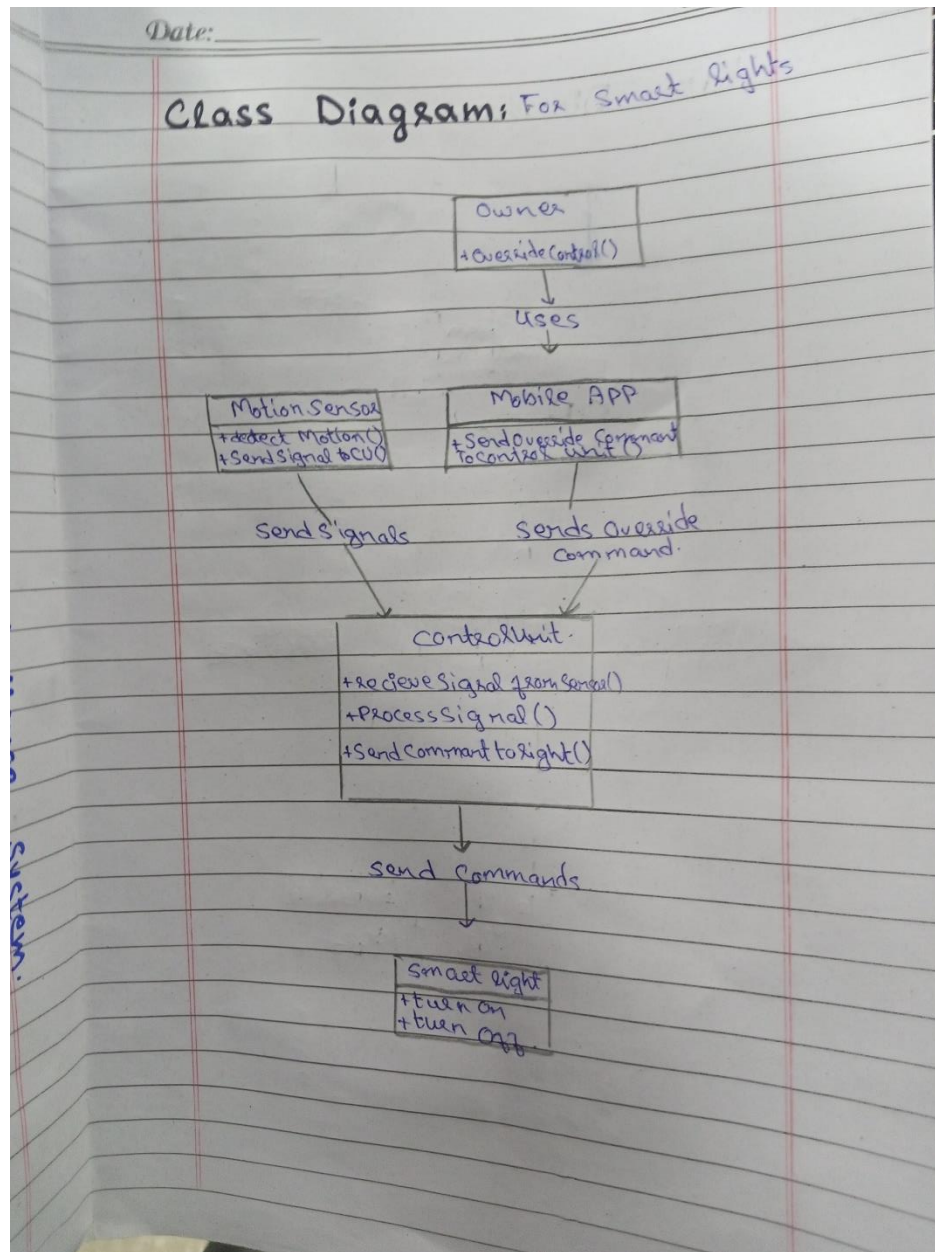
Architecture Used:

→ Layered Architecture:

Architecture Diagram:



Class Diagram:



State Diagram:

