

Lab Final

Name: Jalal Ichan

Reg No: FA22-BSE-093

DATE: ___/___/___

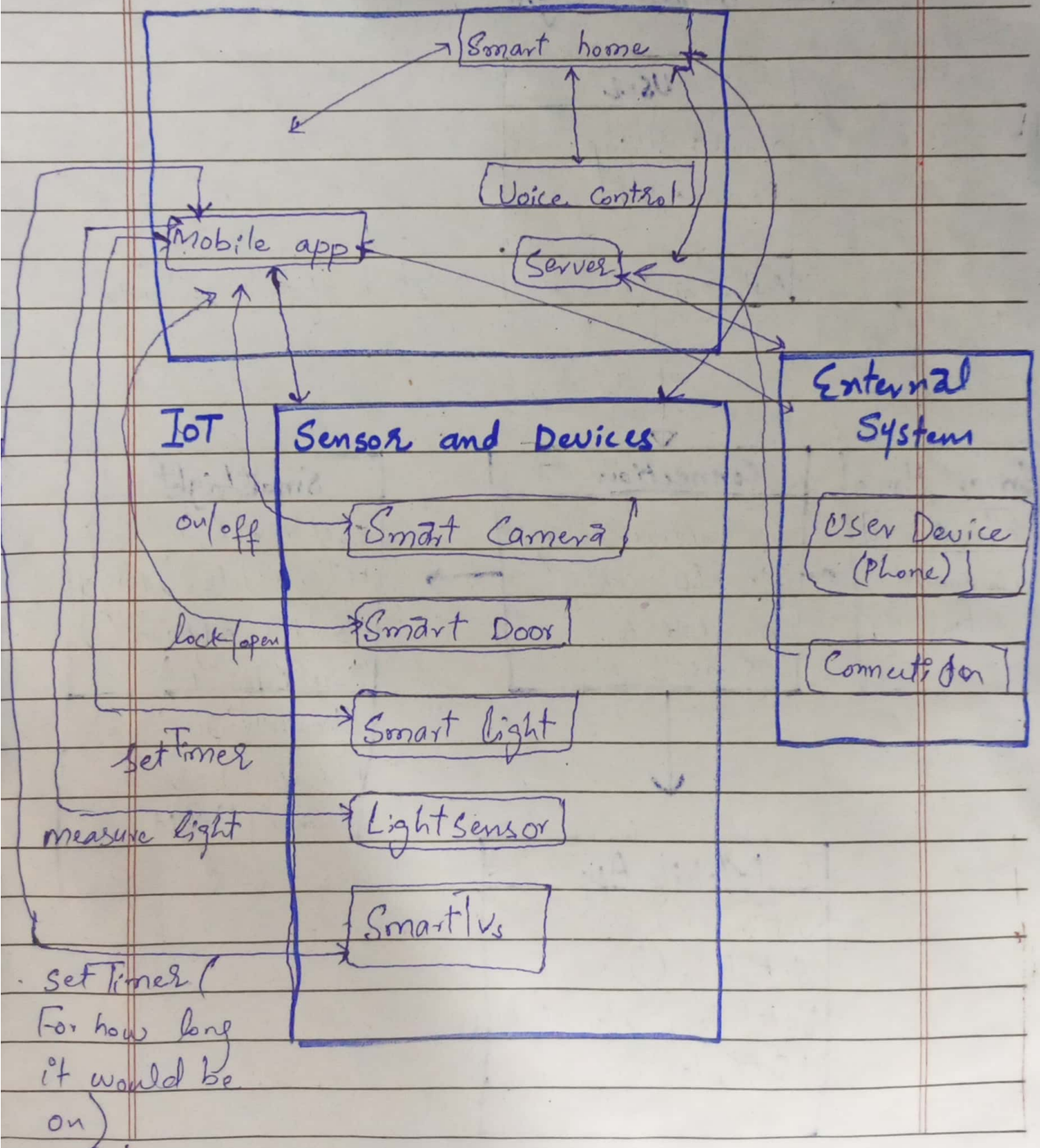
Case Study:-

Smart Home Energy Saving

Architecture Block diagram:-

- Layered Architecture:-

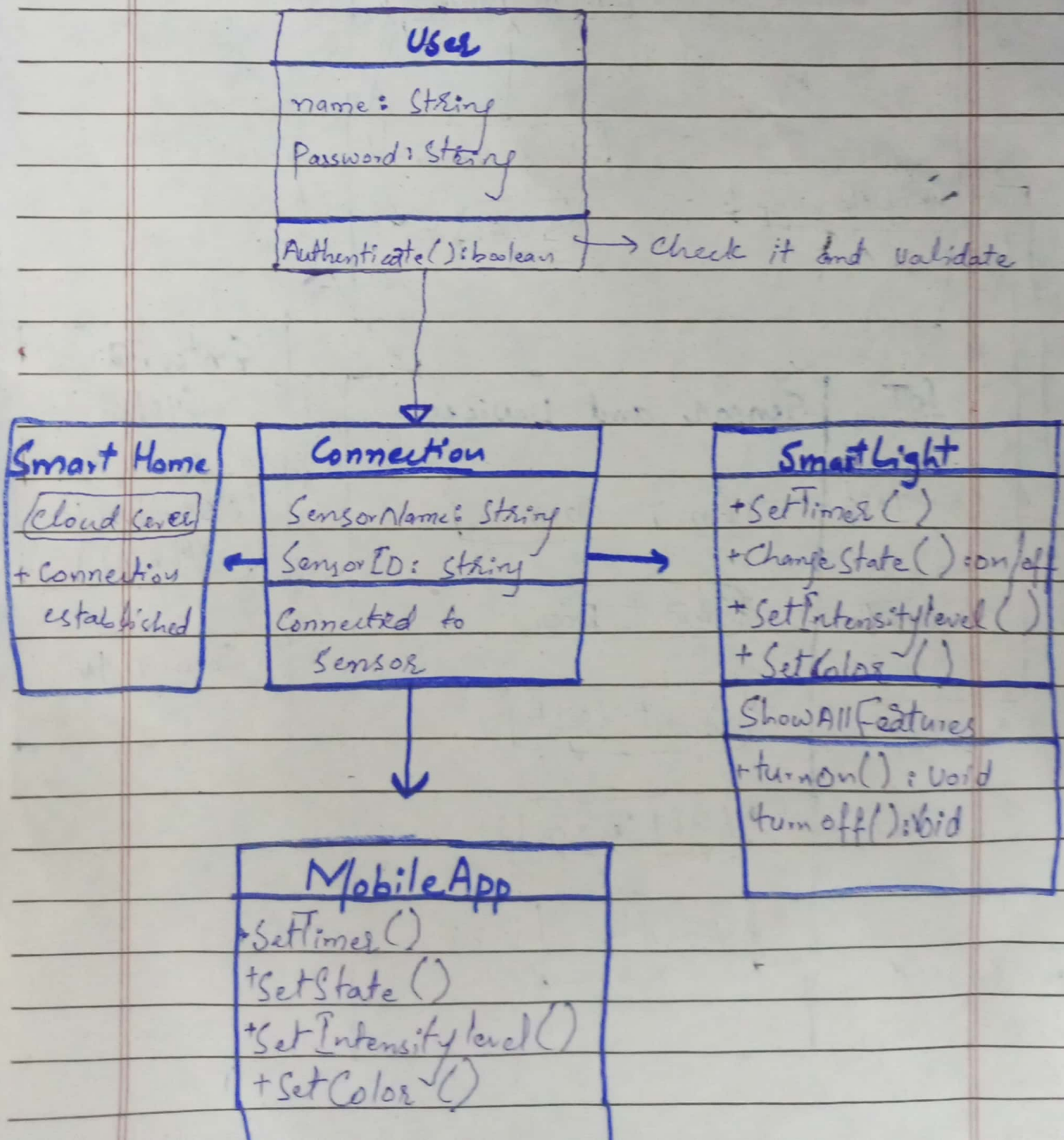
Smart home Energy Saving:-



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Class Diagram:-

The class diagram for my Project Smart home Energy Saving System and the use case is "Control Smart Light";



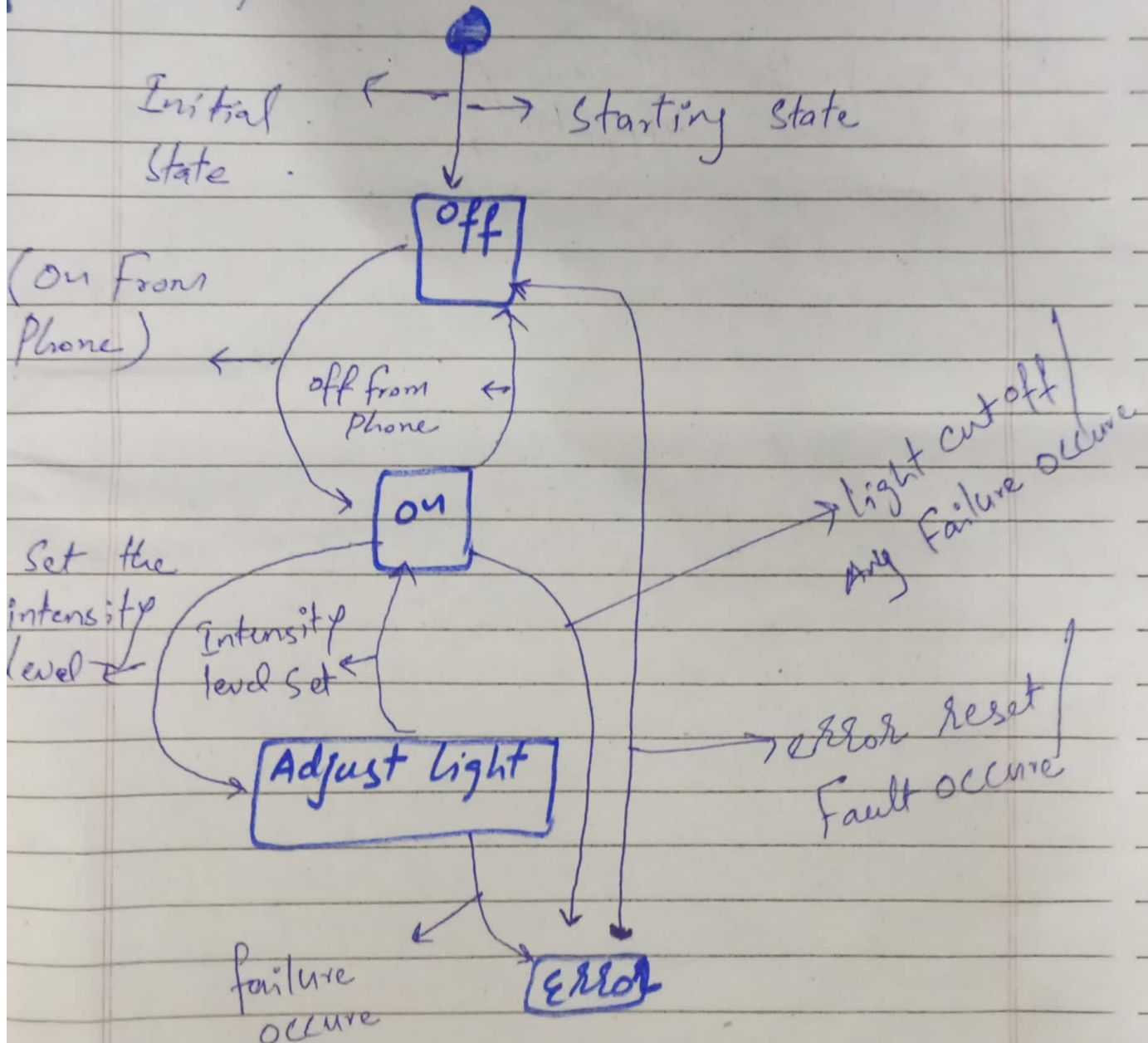
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State Diagram:-

The object which change his state;



- In the start the light is turn off we can switch it on by phone app. then it come to light on State we can also set the intensity level from phone. Intensity level update.

DATE: / /

• The failure will the occur when the light is cutoff or any other electrical issue.

• The fault will always keeps the light in off state;