



Smart House Lighting System

Welcome to the future of home lighting! Our system offers a seamless blend of advanced technology and user-friendly control for a truly personalized lighting experience.

OBJECTIVES

1

Initial Intensity Setting for Each Room

- Determine the desired light intensity level for each room when opened via the mobile app.
- Lights turn on automatically to this pre-set intensity level upon room access.

2

Manual Adjustment and Control via Mobile App

- Manually adjust light intensity to suit user preferences.
- Enable on/off control of lights for each room through the app.

3

Automatic Lighting Activation Based on Movement Detection

- Automatically activate lights in dark conditions when movement is detected.
- Lights adjust to the predefined room intensity level upon activation.



Module Diagram

