

Requirements Documentation

Title of Project: Interactive House

Revision History

Date	Version	Description	Author
10/02/2026	1.0	Initial requirements defined for the Interactive House	Anitta Antony

Requirements List

Requirement Name	Priority
R1. Start system	Essential
R2. End system	Essential
R3. Control home devices	Essential
R4. View house status	Essential
R5. Manage multiple devices	Desirable
R6. Use different user interfaces	Desirable
R7. Apply basic automation	Optional

Requirements Descriptions

R1 - Start system

The system shall allow the user to start the Interactive House application and access its main functionality.

R2 - End system

The system shall allow the user to safely exit the application without loss of functionality or data.

R3 - Control home devices

The system shall allow the user to control simulated home devices, such as turning lights or devices on and off.

R4 - View house status

The system shall present the current status of the house and its devices in a clear and understandable way.

R5 - Manage multiple devices

The system should support control and monitoring of more than one device within the Interactive House environment.

R6 - Use different user interfaces

The system should allow interaction through different types of interfaces, such as a web or mobile-based interface.

R7 - Apply basic automation

The system may support simple automation rules that control devices based on predefined conditions.