

# 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.