

Supplementary Requirements Documentation

Title of Project: Interactive House

Revision History

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

Supplementary Requirements List

Supplementary Requirement Name	Priority
S1. Usability – Easy to use and learn	Essential
S2. Reliability – Stable system	Essential
S3. Performance – Responsiveness	Essential
S4. User interface clarity	Desirable
S5. Maintainability and scalability	Desirable
S6. Design documentation	Essential
S7. Technology flexibility	Optional

Supplementary Requirements Descriptions

S1 Usability – Easy to use and learn

The system should be easy to understand and use, even for users with limited technical knowledge. Basic functionality should be learned quickly without the need for extensive instructions.

S2 Reliability – Stable system

The system shall operate in a stable manner and should not crash or stop responding during normal use.

S3 Performance – Responsiveness

The system shall respond to user actions within a reasonable time. User interface actions should feel immediate and not cause noticeable delays.

S4 User interface clarity

The user interface should be simple and clearly structured. Navigation between different views should be intuitive and consistent.

S5 Maintainability and scalability

The system should be designed so that new features, devices, or functionality can be added in the future without major changes to existing components.

S6 Design documentation

The system design should be described using appropriate documentation, such as UML diagrams, to support understanding and future development.

S7 Technology flexibility

The system may be implemented using different programming languages or technologies, depending on project decisions and innovation goals.