Risk Documentation

Interactive House Project (Device Subgroup)

Revision History

Date	Version	Description	Author
2026-02-07	1.0	Initial Risks	Patrick Nordahl, Tony Nguyen

Risk List

Risk Description	Priority
R1. Changing requirements during the project	High
R2. Issues with integration between device simulations and other system components	High
R3. Limited Experience with certain technologies used in the project	Medium
R4. Scope Expansion	High

Risk Handling Plans

R1

Risk description
As the project progresses, the understanding of device behaviour and system interaction might improve, leading to changes in the initial requirements definitions.

Probability: High

Impact: Medium

Handling Plan:
Requirements will be treated as a living document and updated as the project progresses.

R2

Risk Description:
Integration issues might arise between the simulated devices and other system components due to mismatched assumptions or interface definitions

Probability: Medium

Impact: High

Handling Plan:
Early alignment on interfaces will and incremental integration testing will be used to reduce integration risks

R3

Risk Description:
The subgroup may have limited prior experience with certain technologies used for the project, which may slow development or cause implementation issues

Probability: Medium

Impact: Medium

Handling Plan:
The group will implement functionality incrementally and validate each step before proceeding, reducing the risk of major implementation issues.

R4

Risk Description:
There is risk that additional features or devices are introduced beyond the initial defined scope, increasing complexity and development effort

Probability: Medium - High

Impact: High

Handling Plan:
Clear prioritization of essential requirements will be maintained and scope changes will be evaluated and agreed upon by the group before implementation.