# Supplementary Requirements Documentation – Unit group

# Homedork - Interactive Smart House

Revision History

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| --- | --- |
| **Name** | **Associated Letter** |
| Hani Alzir | A |
| Ali Habesh | B |
| Stiv Abdulwahed | C |
| Amr Al-shaaba | D |

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 2021-09-15 | 1.0 | Modifying Supplementary Requirements | A,B,C,D |
| 2021-11-16 | 1.1 | Fixing some grammar mistakes | A,B,C,D |
| 2021-12-6 | 2.0 | Edited Completion status for:   * R1 * R2 * R3 * R4 |  |
| 2022-01-08 | 3.0 | Final version | A,B,C,D |

Supplementary Requirements List

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| --- | --- | --- |
| **Supplementary Requirement Name** | **Priority** | **Completion** |
| S1. Usability, easy to use and learn | Essential | 90% |
| S2. Reliability-Stable | Essential | 90% |
| S3. Performance-Responsiveness | Essential | 90% |
| S4. User interface | Essential | 90% |
| S5. Design language | Essential | 100% |
| S6. Programming language | Essential | 100% |

Supplementary Requirements Descriptions

### S1

Usability, easy to use, and learn. The main point is to provide the user with a simple GUI that is easily understandable and doesn’t require more than a few minutes to be able to start using it.

### S2

Reliability-Stable. The website should be reliable as insecure and also stable when it comes to being up and running whenever needed.

### S3

Performance-Responsiveness. The application should strive to achieve as few bugs as possible in order to not affect the user and responsiveness. The web application and mobile application will need to have a fast response time making the user not wait for more than necessary. This builds on code development and threading properly.

### S4

User interface. The user should have a good-looking GUI that feels smooth but yet a simple look, its important the GUI doesn’t look complex, rather hide the complexity but show the simple parts.

### S5

The design will be a necessary tool for understanding the main concept of the application, we are going to use UML class diagrams and use case diagrams.

### S6

The programming language should be java. Java is easy to set up and connect to servers, doesn’t require more than a few lines to also be able to communicate with API.