

## Supplementary Requirements Documentation – Unit group

### Homedork - Interactive Smart House

#### Revision History

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

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

# Supplementary Requirements List

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

# 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.