



# MiKroysoft

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| <b>Module</b>      | SEPR   |
| <b>Year</b>        | 2019/20  |
| <b>Assessment</b>  | 2  |
| <b>Team</b>        | MiKroysoft   |
| <b>Members</b>     | Daniel Crooks, James Rand, Irene Sarigu, Alfie Jennings, Charlotte Clark, Jasper Law |
| <b>Deliverable</b> | 5aii Justification of requirement changes  |
| <b>Website</b>     | <a href="https://mikroysoft.github.io/">https://mikroysoft.github.io/</a>            |

Prior to implementation for assessment 2, the requirements tables were updated during a team meeting reviewing assessment 1 feedback. For the remainder of the assessment, our requirements tables were updated through a combination of continuous change suggestions during development, and bi-weekly team meetings (hosted through Slack during the Christmas holidays) to review suggestions and add to changes.

### **User Requirements**

#### **Additions**

- UR\_UOD is a requirement that makes sure that the product is developed for open days.
- UR\_QUIT is a user requirement that makes sure that the user is able to quit the game.

#### **Changes**

- UR\_ABLE has been changed to be more measurable.

### **Functional Requirements**

#### **Additions**

- FR\_RADI is a functional requirement, which now satisfied UR\_MINI.
- FR\_BTN and FR\_ESC have both been added to ensure that leaving the game is easier.
- FR\_BTN and FR\_ESC were both added after a group meeting.

#### **Changes**

- FR\_EXTRA\_TERRESTRIAL was changed to be more detailed.
- FR\_TUTORIAL was not altered, but its traceability is clarified with UR\_STRY and UR\_UOD.
- FR\_TUTORIAL is related to UR\_STRY.
- FR\_ENGINE\_VOLUME was similarly updated to indicate its traceability to UR\_REF.
- FR\_ENGINE\_DAMAGE's wording was slightly altered for readability.
- FR\_UPGRADE's traceability was updated to include UR\_DIFF.
- FR\_WIN and FR\_LOSE updated traceability to include UR\_DEST.
- FR\_LOCATION now specifies 5 minutes of game time before the station is destroyed, and is now traceable back to user requirements.
- UR\_DIFF depends on FR\_LOCATION, as a shorter amount of playtime will increase difficulty.
- FR\_LOCATION depends on UR\_TIME, as both place a limit on the game time.
- FR\_LEADERBOARD was slightly altered for readability, and to be traceable back to UR\_SIN.

#### **Removals**

- FR\_CONTROLS was removed, and moved to non-functional requirements.

### **Non - Functional Requirements**

#### **Additions**

- NFR\_CONTROLS has been added from user requirements, as it's closer to a non-functional requirement than a user requirement. We added NFR\_SOUND.

#### **Changes**

- NFR\_LANG was updated to include traceability to UR\_UOD.
- NFR\_MANUAL is now traceable to UR\_UOD.
- NFR\_HW was updated for traceability to UR\_MOB.