Group 6 Features and Traceability Matrix

**Features**

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| --- | --- |
| **Feature** | **Description** |
| F1 | Allows for the creation of an account for each new user |
| F2 | Can track a range of different activities, including runs, walks, biking etc |
| F3 | Ability to connect to multiple devices |
| F4 | Ability to import activities from smart watches/devices |
| F5 | Save imported data to the user’s profile |
| F6 | Provides the user with diverse statistics (duration, distance, heart rate, time, pace, incline, calories) |
| F7 | Includes analytics of the data (which was the fastest/longest run) |
| F8 | Stores data for more than one user |
| F9 | Ability to edit and delete data |
| F10 | Ability to sort runs based on pace, distance and time |
| F11 | Allows for social interaction between users |
| F12 | Has a goal reward system |
| F13 | Allows for personalisation of goals of each user |

**Use Cases**

|  |  |
| --- | --- |
| **Use Case** | **Description** |
| U1 | Create Profile |
| U2 | Synchronise Devices |
| U3 | View Statistics |
| U4 | Friends |
| U5 | Manage Data |
| U6 | View Records |
| U7 | Create Training Program |

**Traceability Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | F1 | F2 | F3 | F4 | F5 | F6 | F7 | F8 | F9 | F10 | F11 | F12 | F13 |
| U1 | ⮥ |  |  |  | ⮥ |  |  | ⮥ |  |  | ⮥ |  |  |
| U2 |  |  | ⮥ | ⮥ | ⮥ |  |  |  |  |  |  |  |  |
| U3 |  | ⮥ |  |  | ⮥ | ⮥ | ⮥ | ⮥ | ⮥ | ⮥ |  | ⮥ | ⮥ |
| U4 |  |  |  |  |  |  |  | ⮥ |  |  | ⮥ |  |  |
| U5 |  | ⮥ |  |  |  |  |  |  | ⮥ | ⮥ |  |  |  |
| U6 |  |  |  |  |  |  | ⮥ |  |  | ⮥ |  | ⮥ | ⮥ |
| U7 |  |  |  |  |  |  |  |  |  |  |  | ⮥ | ⮥ |