**USE CASE 1 DESCRIPTION**

**Name**: Create User Profile

**Description**:

The use case defines a scenario where the user will create a new profile in order to save and tack activity data. The purpose of this use case is to setup a personalized section where the user could store their data. This is important because it will give the user privacy while tracking the data. A personalized profile will also be able to assist in developing features in the future which will cater to the needs of a specific user ex: providing user with a goal. Overall, creating a profile is important due to immense benefits of being able to identify and provide solution based on individual needs.

**Actors**: In this case the actor would be a random person called to use the app normally and give feedback on the creating profile

**Basic Flow:**

1. User opens the application
2. User selects register new profile
3. User enters required information
4. User is asked to select a unique ID
5. User selects an ID
6. System checks if the ID is available
7. User is asked to select security measure (way to login)
8. User selects a security measure (way to login)
9. System ensures security measure is secure
10. User is asked to select a security reset measure
11. User selects a reset measure
12. Systems confirms if the reset measure is secure
13. System creates User Identity in the Database
14. User is provided an option to import data/connect device
15. User gets a welcome message on creating the profile

Alternate Flows:

6a) ID is not unique

1. User is asked to select a unique ID
2. User selects an ID
3. System checks if the ID is available

9a) Security measure is not safe

1. User is asked to select security measure (way to login)
2. User selects a security measure (way to login)
3. System ensures security measure is secure

12a) Reset measure is not secure

1. User is asked to select a security reset measure
2. User selects a reset measure
3. Systems confirms if the reset measure is secure

14a) User chooses to import data

1. User is prompted to select a file with tracking data
2. User selects a file
3. System validates the file
4. Processes and adds the data

14b) User chooses to connect a device

1. User is asked to pick a device
2. User selects the device
3. System validates compatibility of device
4. Add and start tracking data from device

14a) 1.1) Invalid file

1. Repeat steps from 14a)

14b) 1.1) Incompatible device

1. Repeat steps from 14b)

Preconditions:

1. User should have the tracking software

Postconditions:

1. System should successfully be able create new user profile in the database
2. System should be able to keep track of new data in profile