

## **Week #1 Progress**

For this week, we followed the plan closely and we implemented the following:

1. A running and functioning database (persistence entity)
2. Finished editing the GUI and connected it to the database (validation rules were also implemented)
3. Created the appropriate database adaptor and linked it properly to both the database and the GUI

The work was divided between all 4 team members as follows:

- Steve Parson - writing the code to implement the designs
- Vineel Nagisetty - Testing the implemented prototype
- Henrique Fonseca & Alaa Ibrahim - reviewing the code and writing the project documentation.

### **Testing:**

#### **Creating Profile:**

The user attempts to create a profile, by clicking on the create profile button. That switches to a different window where user has to insert essential information, like username/password, and confirms the information inserted. After doing so, the user is logged in and the screen switches to the main app page where it shows the currently connected devices which the user can import activity data from.

#### **Logging in:**

The user tries to log in after the account has been created. There are two possible scenarios for logging in as follows.

#### **Correct Credentials:**

- The user enters the username and password they chose when they created the account.
- The username and password are checked and validated to check if they match together.
- The credentials (username and password) match and logging in is successful.
- A message is displayed to the user that logging in is successful.
- The screen changes and takes the user to the home page of his/her account.

#### **Invalid Credentials:**

- The user enters a username and password, but they make an error in either (or both)
- The entered credentials are checked and validated in to ensure that they match.
- The credentials do not match and logging in failed.
- A message is displayed to the user that logging in failed.
- The username and password fields on the log in page are cleared.