BOILER LABS
Sprint Document 2
Team 5

Team Members:

Rishabh Ahluwalia

Chen Gong

Akshit Gupta

Abhinav Kumar

Shalin Shah

Ayan Singh

1. USER STORY: As a user, I want to be able to view the real time data of all the ITaP computer labs on campus (via an internet connection).

    TASK: Develop the front end user interface for the online mode. This interface will pass information back and forth between the client side and the database to obtain the relevant data.

TEAM MEMBER ASSIGNED: Shalin Shah   **TIME:** 30 Hours

2. USER STORY: As a user, I would like to be able to save my preferred labs so that I can access them quickly and without hassle and also select whether I want real time data or not.

    TASK: Once the user selects a lab as his/her preferred lab, the information of the lab is saved in a separate class named 'Preferences'. Lab information will include the location, number of available computers

TEAM MEMBER ASSIGNED: Ayan Singh   **TIME:** 15 Hours

    TASK: User can select whether he/she wants to use the app in online or offline mode. An option will be provided to the user to select the mode in the 'preferences' tab which would change the interface of the application to the appropriate model.

TEAM MEMBER ASSIGNED: Ayan Singh   **TIME:** 15 Hours

3. USER STORY: As a user, I want to be able to find the closest ITaP lab to me, along with directions to reach the lab.

    TASK: Implement a function that will find the distance of each lab from the user and then use an algorithm to find the closest ITaP lab.

TEAM MEMBER ASSIGNED: Abhinav Kumar   **TIME:** 30 Hours

    TASK: Implement a function that will provide the user with accurate directions to the ITaP lab that is closest to him.

TEAM MEMBER ASSIGNED: Akshit Gupta   **TIME:** 15 Hours

4. USER STORY: As a user, I would like to be able to have access to the public webcams for Lawson's Computer Science labs.

> **TASK:** Establish a connection to the public webcams' site and display the live feed on the application.

TEAM MEMBER ASSIGNED: Chen Gong   **TIME:** 30 Hours

5. USER STORY: As a developer, I want to improve the basic UI of the app.

> **TASK:** The list of the labs will be displayed in a better manner. The list will be reorganized according to the name of the buildings.

TEAM MEMBER ASSIGNED: Rishabh Singh Ahluwalia   **TIME:** 15 Hours

> **TASK:** The name, address and picture of a particular building will be made available to the user when he/she clicks on the marker of that particular building in the map tab.

TEAM MEMBER ASSIGNED: Akshit Gupta   **TIME:** 15 Hours

> **TASK:** A small map will be displayed with the location of that particular lab whose details are being displayed.

TEAM MEMBER ASSIGNED: Rishabh Singh Ahluwalia   **TIME:** 15 Hours