**User analysis**

User 1

Name: Tan Ching Yi

Age: 20

Gender: Female

Background: This user is a sportive person, she will exercise daily and involves herself in various kind of sports. She is also an active user for a number of similar health applications to track her exercising-level and health condition. As instance she will track the distance of her jogging and her heart rate when she jogs.

Result: This user requests for the BMI calculation function. She also mentions two goals that he/she hope to achieve. The first goal is to hit the target of calories burnt and the second goal is to achieve the hours of sleeping time. Another suggestion given by this user is, after every measurement, the application should give some advice or suggestion to user on how to improve their heart rate, blood pressure and body temperature readings.

User 2

Name: Choy Voon King

Age: 50

Gender: Male

Background: This user has health problem such as high blood pressure. He is currently using other healthcare app to monitor his health condition using smartphone.

Result: This user suggests that, in every measurement interface, include a chart to show the range of readings for user understanding. As an example, in blood pressure measurement interface, add in a blood pressure chart to show user the range of normal, high, low blood pressure readings. Other than that, he says some of the good design in both idea 1 and 2 should be maintain. He gives example with the big button size that is suitable for elder user.

User 3

Name: Tham Pui Yee

Age: 22

Gender: Female

Background: This user has no any experience in using any healthcare application but she is familiar with many other mobile apps in her smartphone. She is taking graphic design course thus she provides us some suggestion on the interface design.

Result: This user gives a creative idea to make the activity interface design more interactive and fun. Suggest that the circle of activity buttons can be turn around by user, the button located at 12 o’clock position will be selected. Besides that, she feel that the menu bar is better to displayed on the screen all the time but not hidden/displayed when button ‘more’ is pressed.

User 4

Name: Choy Yi Xin

Age: 12

Gender: Female

Background: This user is new to mobile apps and device. She got an Ipad 3months ago and still learning how to use application in the tablets.

Result: This user prefer idea 1 with vertical interface design because she normally use her Ipad vertically since the home button of Ipad is designed at the short side of the tablets, idea 2 require her to rotate her device and this make her feel troublesome.

User 5

Name: Lee Xing Ping

Age: 18

Gender: Male

Background: This user has never use any health care application before but he has a little contact with this kind of application through his friends and family member that are currently using healthcare application.

Result: This user prefers to see history measurement reading in graph form instead of seeing so many actual readings. He comments that in heart rate measurement function, it is important to show the progression of loading so that users know how long they still have to wait. However, this feature is missing in idea 2. For the body temperature measurement function, he feels that the results are not necessary to be displayed in two type of unit/scale. Instead, user can change the unit he/she wants in ‘setting’.

**Summary**

After getting user feedback we found some of the suggestion is quite helpful to improve the application’s interface design and function. So, we are going to implement some idea from the user, redesign our few interface and add in some extra function to the application to make a final version interface design.