

# **Sprint I Retrospective**

**gym8**

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Jai Nalwa and Ishan Shah**

## **Background information**

This document contains the retrospective for the goals of the first sprint iteration that started on **Feb 2nd and ended on 27th Feb.**

## **Team retrospective**

The team worked very well together and all personal goals were achieved in good time before the end of the sprint. Here are some modifications and progress that we made during this sprint:

- The team name has been changed from getFit to gym8 as the previous domain has already been taken. Therefore, gym8 is more suitable for future launch purposes.
- We were able to achieve all of our goals except for implementing Edit Profile. The reason why this task could not be achieved is due to the confusion on how it would work with Facebook integration.
- The team also implemented two new features which weren't mentioned in the document. We implemented the forget password feature and a confirmation email feature to verify the user's email address when they sign up.

The following things worked really well and we will make sure to continue doing this during the next sprints:

- Worked together on tasks rather than individually to get different perspectives, which in fact increases our progress rate.
- Performed continuous and simultaneous testing of the application to solve the problem right away rather than wait till the end.

We need to improve on the following things for the next sprint:

- We did not communicate as much as we should have and we will try to improve this during the next sprint by increasing our weekly meetings from two to three.
- Improve the code quality inside Android as there are lots of classes/code that are unnecessary which causes confusion and needs to be removed.
- Improve the code communication through git as it has caused a lot of problems during this sprint.

## **Individual Retrospection**

*1 Unit = 4 hours*

### **Neeraj Agrawal**

During this sprint, my initial task was to load all the basework out schedule on the parse database. I wrote a xml parser code that parses through an xml file containing all the entities related to workout and accordingly store it in the database. Apart from this I was also responsible to work with Ishan on signup, login and edit profile feature. After integrating parse open source code with our application, we had a robust login system. There were few changes to be made in order to integrate everything like the layouts, drawables and activities. The challenging task was to figure out the gradle build script so that the modules get integrated without any issues. In the next sprint, I will start early and spread the workload in the entire sprint.

Expected time consuming: 7 Units

Actual time consumption: 5 Units

### **Rishabh Mittal**

In Sprint One, I worked on making the user interface for the new profile activity, connecting the application side to the user interface for a few of the activities (login activity and facebook login). I was also responsible for loading the database with 800 exercises and 3600 images, which correspond to each of the exercises. This was achieved by writing a java parser which parses all of the exercises that were available on bodybuilding.com. This sprint started off to a good start but then in the middle the team slacked off a little bit and not much work was done but towards the end we managed to finish almost all of our tasks. The challenging part in this sprint for me was to write the Java parser which would extract all of the required information. In the next sprint, I will want to keep up my momentum throughout the complete sprint.

Expected time consuming: 6 Units

Actual time consumption: 5.5 Units

### **Gurmukh Uttamchandani**

In this sprint, I was responsible for designing the profile, the base workout schedules and also write the application side code to extract the login information from the login activity. I was also

responsible for designing the user interface of the base of the application, including the navigation tabs and the navigation drawer. Designing the profile, and the base of the application was relatively easy as I am familiar with Android. However, creating the base workout schedules design was cumbersome, which I had not anticipated earlier. Finally, I also faced a few hurdles while integrating the login activity with Parse, but my teammates were able to guide me through it.

Expected time consuming: 7 Units

Actual time consumption: 6 Units

### **Jai Nalwa**

In the first sprint iteration, I worked on populating the workout levels through various different sources depending on their credibility and usability. I also ran through several tests and checked for corner cases involving the sign-up and login with facebook functionalities. That part was resolved immediately with the help of my group members since it was part of our homepage. Furthermore, I created the logo for the application to make our product seem more distinct and presentable. Lastly, I worked on testing the application on the htc one device and kindle and found the underlying problem of layout when the htc one is switched from a vertical view to a landscape view. The challenging task, in my opinion, was figuring out the corner cases and bugs involved with the problems stated above. In the next sprint I will have a better understanding of testing applications on several devices to spot the bugs, fix them and make it more durable for future use.

Expected time consuming: 6 Units

Actual time consumption: 6 Units

### **Ishan Shah**

My primary task during this sprint was to integrate the application with the parse framework and write the code to create a new user, login, login with facebook, edit profile on the parse side and work with Neeraj, Jai and Rishabh on populating the database with the workouts and exercises. I spent the first few days trying to understand the parse framework and how to integrate it with our application with regard to different design possibilities and then started to code. All of the above tasks were completed besides edit profile due to the confusion on how it would work in integration with facebook. I also implemented the additional features of “Forgot Password” and “Email Confirmation during Sign-Up” so as to fully complete the Login/Register part of the application. Now that I understand parse very well, I should be able to implement new features in

a rather faster manner.

Expected time consuming: 6 Units

Actual time consumption: 5.5 Units