Sprint II Planning Document

gym8

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Background Information

Our team has submitted a Project Charter, Project Backlog and Design Document highlighting the problem statement and important aspects of our mobile phone application. We have also had a demo of the application after Sprint I to present the basic features.

Description

This document describes in detail the goals of the second sprint iteration starting on **March 2nd** and ending on **3rd April**. We have divided each user story into various tasks and have assigned these tasks to one of our team members. Every task is divided into units of 4 hours and assigned to a member based on his expertise and knowledge of that task.

In the first sprint, we created the basic Android application with the basic features implemented, along with establishing connection with Facebook Parse. The working features include the entire login/signup module, populating the database with exercises/workouts and displaying base workouts.

In the second print, we will implement the most important features like finding nearby workout mates, creating a custom workout schedule and displaying trending workouts. We will also implement the ability to signout from the application and displaying all the profile information of a user including the workout he follows.

Sprint length: 4 weeks
1 Unit = 4 hours

User Stories

User Story: Signout from the application.
Once I use the application, I should be able to sign out of the application

1. Task Owner: Jai Nalwa
    - Writing the code to exit from the application once the user hits sign out.
    - Making sure the Parse server is informed that the user has logged out
        - 1 Units

User Story: Edit my profile
I should be able to edit my basic profile information in a timely manner and update my profile information.

1. Task Owner: Jai Nalwa
    - Create the Graphical User Interface for the Edit Profile activity.
    - Write the application side code to retrieve all the information from the xml.
        - 1.5 Unit
2. Task Owner: Neeraj Agrawal
    - Writing the Parse code to update the user information on the server side.
        - 1 Unit

User Story: Creating Custom Workouts

I should be able to create my own Custom Workout schedule and easily view it when exercising.

1. Task Owner: Gurmukh Uttamchandani
    - Create the Graphical User Interface for Creating custom workout schedule.
    - Create the user interface for displaying the created custom workouts.
        - 2.5 Units
2. Task Owner: Neeraj Agrawal
    - Write the Parse code to store/retrieve custom workout schedule from Facebook Parse.
        - 2 Unit
3. Task Owner: Rishabh Mittal
    - Write application side code to display the exercises along with their images in an asynchronous manner.
    - E.g. When a user searches for exercises starting from "Pull", exercises such as 'Lat pull-downs', 'Pull Ups' should display.
        - 2 Unit
4. Task Owner: Ishan Shah
    - Write the Java code to load the exercises from the Parse database, containing about 800 exercises. This should be done in an efficient manner and sent to the activity for display handled by Rishabh.
        - 2 Units

User Story: Find Nearby Users

I should be able to find the workout buddies near me and view their profile.

1. Task Owner: Gurmukh Uttamchandani
    - Create the user interface for finding other users around a particular radius.
    - Display the nearby user profiles in a concise, familiar and responsive manner.
        - 2.5 Unit
2. Task Owner: Rishabh Mittal
    - Write the code to interact with the user interface and send the requests back and forth between the application and the Parse database, acting as an intermediary.

        - 2 Unit
3. Task Owner: Neeraj Agrawal
    - Write the Java code to store the user geopoints in the Parse database and retrieve them to pass it to the application side.
        - 2 Unit
4. Task Owner: Ishan Shah
    - Write the code to filter the searched users as per the particular radius finding the distance between the geopoints and sending this result back to Rishabh
        - 2 Unit

User Story: Like Workouts

I want to hit the like button on a workout that I like.

1. Task Owner: Jai Nalwa
    - Write the Parse code to update the likes parameter of a workout in the database once the user hits the like button.
        - 1.5 Unit

User Story: Follow Liked Workouts

I should be able to see the workouts liked by me in order to follow them.

1. Task Owner: Rishabh Mittal
    - Write the code and develop the user interface to see the workouts liked by the user and display them on his profile.
        - 1.5 Units
2. Task Owner: Neeraj Agrawal
    - Write the code on the Parse side to store the workouts liked by the user and retrieve them.
        - 2 Units

User Story: Displaying the Trending workouts

I want to view the workouts that are most liked by the various users of the application.

1. Task Owner: Gurmukh Uttamchandani
    - Create the User Interface to display the most trending workouts.
        - 2 Units
2. Task Owner: Rishabh Mittal
    - Write the application side code to extract the information from the Trending activity.
        - 1.5 Units
3. Task Owner: Ishan Shah
    - Write the code on the Parse side to retrieve the workouts most liked by users

        - 1 Unit

User Story: Sort Workouts as per Level/Likes

I should be able to sort the workouts as per the level of the workout or the number of likes.

1. Task Owner: Ishan Shah
    - Add the user interface to sort the workouts as per the level and likes and display them accordingly in both the Base workout Activity and trending workouts.
    - Write the code on the Parse side to sort the workouts as per the level and likes.
        - 2 Units

User Story: Facebook Gym8 Page

I should be able to view the gym8 page on Facebook and like/follow/share it with my friends

1. Task Owner: Jai Nalwa
    - Add the gym8 information to the Facebook page and improve the look of the page.
    - Invite couple of friends to this page in order to improve the publicity of the application before launch.
        - 1 Unit

User Story: White-box / Black-box Testing

I shouldn't have any problems in navigating through the basic features of the getFit app. The app should be very usable and should work without crashing.

Note: Performing continuous/unit testing while developing the application has proved to be very useful during the last sprint and hence we will continue doing this.

1. Task Owner: Jai Nalwa
    - Progressively go through the application code and perform unit testing and corner case testing to ensure the robustness of the application. Moreover, also perform black-box testing and improve the usability of the application
        - 2 Units

Tasks/ Objectives without User Stories

1. Weekly Meetings to ensure the team is making progress.
2. Cleaning the irrelevant code improving the overall code quality.
3. Make the application more robust as there are lots of bugs in it.

Total Units:

Jai Nalwa - 7 units
Neeraj Agrawal - 7 units
Gurmukh Uttamchandani - 7 units
Ishan Shah - 7 units
Rishabh Mittal - 7 units