April 11, 2023

Sprint 1 Plan, Training Control Center

## Sprint Goal

For this first sprint, we would like to get our web app up and running. Our database will take shape by first storing the accounts of different users and then the workout information from those users. Similarly, our frontend will begin to take shape in the form of a few early pages including sign in, home, and simple history viewing pages. We will also implement the backbone of the data collection part of the project, pulling workout data from Strava so that later, we’ll be able to build the exciting data analysis tools that set our app apart.

## User Stories Overview

| **Sprint 1 (Upload activities, basic aggregate data, individual sport data)**   * 1.1 As a new user, I want to register an account [5] - 10 hours * 1.2 As a returning user, I want to log in with my personal account [5] - 10 hours * 1.3 As a user, I want to access a home screen with basic training history [3] - 8 hours * 1.4 As a user, I want to update goals and starred workouts in settings [3] - 8 hours * 1.5 As a Strava user, I want to sync workouts from other platforms such as Strava to Training Control Center [4] - 14 hours * 1.6 As a user, I want a monthly breakdown of the time/distance/etc. spent doing some activity. (Ethan) [2] - 11 hours |
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## Task Listing

* 1.1 - 10 hours
  + Build sign up form for login page - 2
  + Link up sign up form with home page and database - 3
  + Storage of usernames/passwords/accounts - 5
* 1.2 - 10 hours
  + Build sign in form for login page - 2
  + Link up sign in form with home page and database - 3
  + Verification of usernames/passwords and issuing of authentication token - 5
* 1.3 - 8 hours
  + Plan page architecture -2
  + Make preliminary front end for home page and its components - 4
  + Link up home to future data, planning, and settings pages via button components and backend server - 2
* 1.4 - 8 hours
  + Plan settings page architecture -2
  + Make preliminary front end for settings page and its components - 4
  + Build form for goal setting
  + Build list with starring of favorite sports
* 1.5 - 14 hours
  + Learn about Strava API - 4
  + Integrate Strava login to authenticate TCC to scrape from Strava API - 4
  + Implement scraper to fetch Strava activities from user’s account - 4
  + Embed results in a basic list view on the home page list - 2
* 1.6 - 11 hours
  + Build frontend layout pages that will host data - 3
  + Link pages up to home - 3
  + Present embedded Strava results in a basic listview - 5

## Ideal Work Hours - Team Roles

Fabrice (PO) - 20 hours

Ethan (Scrum Master) - 20 hours

Tung - 20 hours

Daniel - 20 hours

## Initial Task Assignments

Fabrice - Initialize project, Story 1.2, Slides 10/11

Ethan - Sync Workouts to Control Center, Story 1.3, Slides 4,5,6

Tung Slides 7,8,9 - Basic front and backend, UI, Storage 1.1

Daniel Slides 1,2,3

## Scrum Meetings

Monday, Wednesday, Saturday 8-8:15 pm

[LINK to Scrum Board](https://docs.google.com/spreadsheets/d/1usI8ppMf7TvnNKIHeVkdbeS3BA_1Pw2Gzwhc-HM6ruQ/edit?usp=sharing)