June 2023

Release Summary,

Training Control Center

## User Stories and Acceptance Criteria

| **Sprint 1 (Upload activities, basic aggregate data, individual sport data)**   * 1.1 As a new user, I want to register 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   **Acceptance Criteria**   * New users should be able to create an account, login, sync their strava activities, set favorite sports in the settings page, and then see the calculated totals of their favorite sports appear on the home page. |
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| **Sprint 2 (Set (sport or event specific) goals, manual data entry, activity filters)**   * 2.1 - As a user, I want to see similar activities in list view by being able to filter based on traits including sport type, duration, date. [3] - 14 hours * 2.2 - As a strength or recreational user, I want to manually enter my completed workouts. (distance, time, weight lifted, heart rate, pace) [3] - 11 hours * 2.3 - As a manual entry user, I want to enter workout details including workout type, intervals and perceived exertion. [2] - 3 hours * 2.4 - As a user, I want to be able to create a weekly time/distance goal. [2] - 11 hours * 2.5 - As a goal driven user, I want to set time/distance goals for specific sports. [2] - 3 hours * 2.6 - As a competitive user, I want to be able to set a goal time for a workout, for example 17 minute 5k run. [3] - 11 hours   **Acceptance Criteria**   * Users should be able to see only activities that meet certain conditions when using one or multiple of the filters in the recent activities page * Users should be able to manually enter activities they completed and see these activities appear alongside Strava uploaded activities in the same format. * Users should be able to set goals and immediately see them appear in their goals collection. Goals can also be deleted. |
| **Sprint 3 (Cool data insights, activity cards, data visualization, goal tracking)**   * 3.1 As a data driven user, I want to see starred activities with total value summaries (for example total running/week). [3] - 12 hours * 3.2 As a data driven user, I want to see general time and distance summaries and historic comparisons across all activity types. [2] - 10 hours * 3.3 As a data driven I want to see detailed information for every workout from either the workout filter or a graph showing a specific workout [3] - 10 hours * 3.4 As a visually inclined user, I want to see trends in quality graphs showing my general training volume. [4] - 15 hours * 3.5 As a visually inclined user, I want to see trends in quality graphs, curated for specific sports. [4] - 15 hours   **Acceptance Criteria**   * All of a user's workouts added manually or via upload to Training Control Center should contribute to the activity summaries in the data center. If a filter is applied, only activities that meet the filter criteria are counted towards reported values. * Users should immediately see accurate graphs based on the graph input criteria they give should they choose to create a graph breaking down specific details of their activity history. |
| **Sprint 4 (Training plan creation and sport breakdown)**   * 4.1 As a user, I want to quickly and easily make a weekly training plan where I add workouts to complete [5] - 20 hours * 4.2 As a user, I want to see the rough estimation for total time and distance given the plan I create. [3] 12 hours * 4.3 As a user, I want to see the sport breakdown of planned training weeks [4] - 10 hours * 4.4 As a user, I want to see the sport breakdown of completed activities [2] - 8 hours   **Acceptance Criteria**   * Users are able to enter planned workouts exactly as they would enter completed workouts and then see these planned workouts populate their training calendar. Total values of time, distance, and the breakdowns of these values for specific sports are visible and accurate reflecting all planned workouts a user has entered for a specific period. * Users can see a pie chart breakdown of various aspects of both planned and completed activities after they generate these graphs for specific time periods.. |

## Known Problems:

List the major bugs (you can reference your Test Report), omissions (missing

functionality, edge cases that are not handled), design shortcuts (e.g. hard coded data), etc.

* Strava activity syncing. Because we are using the free version of the Strava API which limits the number of requests, we do not provide real time automatic uploads of strava activities. Additionally, to keep loading times reasonable and not exceed our free tier database storage, we automatically upload only the 5 most recent user activities when syncing with a Strava account. This is a hard coded value and was changed for debugging purposes at times. We do have a feature to upload all historical activities and 5 activities, but not any that have been newly added.
* Unable to edit/delete both planned and manual activities. As of now we have not added this feature in but users are able view what they have inputted for that activity. We also do not have this functionality for manual activities, but in this case, users can just create a new activity on the home page.
* There are duplicate activities in the backend if you upload the same activities. We have handled this on the frontend side by checking if an activity with certain criteria has already been displayed but still need a better way when uploading activities to the database.

## Product Backlog

* As a competitive user, I want to be able to get automatically updated goals based on how easily and often I complete them.
* As a manual entry strength user, I want to enter exercise types, sets, reps, weights.
* As an outdoor user, I want to be able to compare efforts on various segments.
* As an outdoor user, I want an individual heat map of your activities so you are able to graph your most traveled or least traveled routes.
* As a user I want to create custom filters for activity filtering in addition to the ones included in the standard release.
* As a social user, I want to be able to add friends and view their activities.
* As a coach, I want to be able to view my athlete’s activities and create workout plans for them
* As a user, I want to be able to see my overall statistics like total miles run.