

Project Milestone 5

People: Catie Baisley, Yifan Li, Rohit Muralidharan, Brant Smith, Tyler Szymkowicz

Title: River Mile

User Acceptance Tests:

The features we are going to be testing are; user's ability to add in a new log, look at all past logs, add a new section on the map, and look at the top people (according to their logs) in the app.

We are going to test these by;

1. Having a user make a new account
 - a. Successful if:
 - i. All user data is stored in the database
 - ii. Each user has a unique user id
 - iii. More than one user may be stored at a time
 - iv. More than one user with the same name can exist
 - v. User cannot use an email that has already been used
2. User can log in to an existing account
 - a. Successful if:
 - i. User is able to reach their home page by using valid login credentials
 - ii. User cannot log in if their password is invalid
 - iii. User cannot log in if username is invalid
 - iv. User cannot use another user's password to log in
3. Have the user add a new log using an existing section.
 - a. Successful if:
 - i. All data from a log is stored in the database
 - ii. User can select a premade section
 - iii. Multiple logs can be stored at a time
 - iv. Multiple logs of the same section can be stored
 - v. Each log has a unique log id
4. User can create a new section
 - a. Successful if:
 - i. Save all data to database
 - ii. Cannot repeat sections
 - iii. Unique section id for each section
 - iv. All data required to create new section
 - v. Multiple sections (5+) are stored at the same time

5. Having the user go to all past logs they have inputted.
 - a. Successful if:
 - i. User can view all log entries that they have made
 - ii. Users can view information on individual logs
6. View the top users
 - a. Successful if:
 - i. Users can view the top 5 users for
 1. Distance
 2. Number of unique runs
 3. Swims
 - ii. Successfully updates when new leaders appear
 - iii. User can visit home page of top users
7. Have the user test the log function in the menu, in addition to the different sections stated in the menu (Logs, settings, map, etc.)
 - a. Successful if:
 - i. User can successfully visit all pages