**Project 3**

Team Members: Chris Boyce, Bohdan Dziubliukl, Sean Nguyen

Application Name: TBD (Trail/Hiking based)

**Project Description:**

Our application is centered around finding and planning your next outdoor hiking or biking adventure! Our application gives the user the ability to search for different kinds of trails based on multiple search options such as location, difficulty, type of trail (i.e. biking or hiking) and more. Every search gives the user specific information about each trail, and a free account option allows the user to save their favorite trails to their account for future hikes.

**Key Functions:**

* Home Page will allow user to immediately begin searching for trails.
* Nav bar will include option to Login and/or Sign Up which will give you access to your own account.
* Nav bar will also include option to go to your account once signed in.
* The account page will show the user which trails they have saved and allows them to immediately click on it to navigate to that trails information page. It will split up the user trails list between trails completed and trails yet to complete.
* The Search bar on the home page will allow user to search for trails and will take in parameters including:
  + Location
  + Difficulty
  + Length
  + Type of trail (bicycle, hiking, etc.)
  + Name of trail
* The trails page will display each trail that matches the search parameters the closest.
* We will be pulling trail information from Hiking Project Data API and/or TrailAPI.
* Clicking on each trail provides the user with information that includes location and a map, difficulty level, trail type, and will pull photos and reviews from an API (likely Yelp).

**Technologies to be used:**

* + HTML, CSS, Bootstrap
  + JavaScript, jQuery
  + MySQL Database
  + Node.js & Express.js
  + User Authentication
  + ORM - Sequelize?
  + JSON
  + AJAX
  + GET And POST Routes
  + GitHub & Heroku to deploy application

**Rough breakdown of tasks:**

We will be splitting technologies up evenly, but each person is going to take a different page.