Project out of 200 weighted points  
Presentation out of 50 weighted points  
Entity Relationship Diagram sent to and approved by instructors: 25 weighted points  
Total: /275

Project: /70

Capstone Project

Mitchell Naleid  
12/18/2019

National Parks Hiking Trails Web App  
I want to build a web app for hiking enthusiasts that includes all the trails in the National Parks of the US. The user will be able to plan a trip to the National Parks based around trail info and nearby hotels, restaurants, and campgrounds.

**User Stories:**

* (5 points) As a hiking enthusiast, I want to be able to create, edit, view, and delete my own account.
* (7.5 points) As a hiking enthusiast, I want to see a list of the hiking trails within the US National Parks *(Hiking Project Data API)*
* (7.5 points) As a hiking enthusiast, I want to see the current conditions of the trails *(Hiking Project Data API)*
* (7.5 points) As a hiking enthusiast, I want to see a list of all of the National Parks in the United States *(NPS API)*
* (10 points) As a hiking enthusiast, I want to see all of the National Parks as markers on a map of the United States (Google API)
* (5 points) As a hiking enthusiast, I want to be able to filter parks by state.
* (5 points) As a hiking enthusiast, I want to create a wish list of parks I want to visit that have the ability to be checked off after I visit.
* (5 points) As a hiking enthusiast, I want to be able to rate the trails on a scale of 1-5.
* (12.5 points) As a hiking enthusiast, I want to see a data visualization of the average ratings of each trail in a given park
* (5 points) As a hiking enthusiast, I want to see the current weather at the park I will be hiking at so I can prepare for the day. *(Open Weather API)*

Bonus:  
- (10 points) As a hiking enthusiast, I want to see the available food and living situations in and around the park. *(Google Places API)*