

# Milestone 1: Definition

# Team Information

Team name: Hack for Hike

Team members:

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Project name: Let's Go Hiking!

# Description

Let's Go Hiking! Is A hiking trails recommendation application  
That Provides users with the abilities to find information about hiking trails they  
would like to know about, find recommendations on trails to explore and make  
friends with similar preferences and skills  
For people who like to hike  
Who Are Unhappy with the limited information about hiking trails on google maps;  
and limited social platforms for hiking lovers to communicate and meet.

# Features

Features for this Semester:

1. Search hiking trails by location, trail length, landscape, supported vehicles, pet rules, and other features;
2. Find people with similar hiking preferences;
3. Recommend hiking trails users may like;
4. Recommend users to each other who may want to go for a hike together.

Advanced features in the Future:

1. Incorporate personal health data to give more accurate suggestions on trail selection based on users' age, weight, height, workout frequency, and medical records;
2. Visualize hiking trails on a map, including the shape, location, and other metadata of a trail.

# Data sources and usage

- <https://rco.wa.gov/recreation-and-conservation/maps-and-data/> for the trails.
- User generated data.

Questions?