

Sprint 2 Plan

Product Name: Hike Review

Team name: Hike Review

Release Name: Version 2

Release date: 02/11/2025

Goal: Create, store, and retrieve data for individual hikes.

Team roles:

- Kendrick: Developer
- Andres: Developer, Product Owner
- Eric: Developer, Scrum Master
- Ethan: Developer
- Avtesh: Developer

Initial task assignment:

- Kendrick: Story 1.2 Task 6, Story 1.2 Task 7
- Andres: Story 1.2 Task 7
- Ethan: Story 1.2 Task 7
- Avtesh: Story 1.2 Task 7
- Eric: Story 1.2 Task 7, Story 2.1 Task 1

Scrum times: Tu/Thur 5:00-6:00, Wed 10:00-11:00 (TA)

Fibonacci 0,1,2,3,5,8,13, 21

Story 1.2: As a hiker, I want to know of nearby hikes to find a hike I want to go on.

- Task 6:
 - Description: Add a dropdown list to display known hike data on React App
 - Pull
 - Time estimated: 5 hours
- Task 7: Pull Hike route data from Google API by creating a new script
 - Description:
 - Time estimated: 6 hours
- Priority: Severe
- Story points: 8

Story 2.1: As a hiker, I want to see a path of my hike (the start, and end route of the hike) so that I can preview a hike I am interested in.

- Task 1: Write up Flask endpoint for getting hike start within a certain distance
 - Time estimated: 3 hours
- Task 2: Successfully Pull hike start points to the UI
 - Time estimated: 3 hours
- Task 3: Put pins in map to display start points
 - Allow pins to be selectable
 - Time estimated: 2 hours

- Task 4: Upon selection on pins, update Map scope in the middle of the screen
 - Time estimated: 3 hours
- Task 5: Draw route points on map after pin selection
 - Time estimated: 6 hours
- Priority: Severe
- Story points: 13

Story 2.2: As a hiker, I want to see a description of a hike so that I can learn more about the hike before attempting it.

- Task 1: Have sidebar open on pin selection
 - 2 hours
- Task 2: Populate sidebar with hike details
 - 4 hours
- Priority: Severe
- Story points: 5

Story 2.3: As a hiker, I want to filter hikes based on their characteristics so that I can find the best hike for me.

- Task 1: Add tags to Database
 - 1 hour
- Task 2: Write up a Flask endpoint for filtering
 - 3 hours
- Task 3: Test Flask endpoint
 - 2 hours
- Task 4: Add filter UI to the Hike List on React App
 - 5 hours
- Task 5: Start Hosting Flask Server to the cloud
 - 5 hours
- Priority: Severe
- Story points: 8