**Release Plan - ThruHiker**

# **High-level goals:**

* Allow users to select a thru-hike and set a time goal to finish said distance
  + display the progress of the user along the selected trail based on the accumulated distance walked each day
* Maintain/be able to save a log of users in progress and completed hikes
* Provide insight after workouts on events such as landmarks/points of interest passed.
* Provide daily(or)weekly insights to users including total steps and distance traveled, daily steps and distance traveled,
* Views/navigation flow
  + - Home page (displays “explore page” for routes), navigation button to the selected route page

# **User stories defining the scope of the release:**

# Sprint 1

* + **High Priority - User Story - 1.1 [8 points]**

As a user, I want to be able to select a thru-hike and set a time goal from an explore page so that I can plan my hike accordingly. 8 Points

* + **Medium Priority - User Story - 1.2 [5 points]**

As a user, I want to see a map of my progress on the selected route so that I know how much of the trail I have completed. 5 points

* + **Low Priority - User Story - 1.3 [3 points]**

As a user, I want an interface to view statistics such as how far I've walked in however long I’ve been walking the route. 3 points

* Sprint 2
  + **High Priority User Story 2.1 [8 points]**

As a user, I want the ability to choose between more potential trails.

* + **Medium Priority User Story 2.2 [5 points]**

As a user, I want to receive images of landmarks or points of interest I've passed through my hike.

* + **Low Priority User Story 2.3 [3 points]**

As a user, I want to save logs of my in-progress and completed hikes so that I can review my achievements and share them with others.

* Sprint 3
* **High Priority User Story 3.1 [8 points]**

As a user, I want to receive images of landmarks or points of interest I've passed through my hike.

* **Medium Priority User Story 3.2 [5 points]**

As a user, I want to save logs of my in-progress and completed hikes so that I can review my achievements and share them with others.

* **Low Priority User Story 3.3 [3 points]**

As a user, I want to see more visuals and metrics for the progress I am making.

* Sprint 4
  + **High Priority User Story 4.1 [8 points]**

As a user, I want to receive the most up to date statistics and information on the app.

* **Medium Priority User Story 4.2 [5 points]**

As a user, I want a smooth experience with minimal glitches and delays.

* **Low Priority User Story 4.3 [3 points]**

As a user, I want to compete with friends and people around the world to motivate each other.

# **Sanity check to release plan:**

The plan is within our team's capacity. We plan to utilize APIs in XCODE to access data such as health data and distance traveled, which we can directly integrate into our trail progress. The amount of work does align with the skills we have and we expect to attain solid development with the time provided. We are imagining there will be some difficulty integrating the HealthKit data over to MapBox, as we are not sure how to translate the distance walked to progress along a trail, and how to present this on the Nao interface.

# **Product backlog:**

* Allow users to also track hikes in real-time and post completed hikes to a social page
  + The social page allows other users also to follow posted trails
  + Real hikes and “sim hikes” are clearly separated
* Allow competing between users such as weekly/monthly challenges/races, [time period] distance challenges, user leaderboards, etc
  + Racing to complete PCT, for example