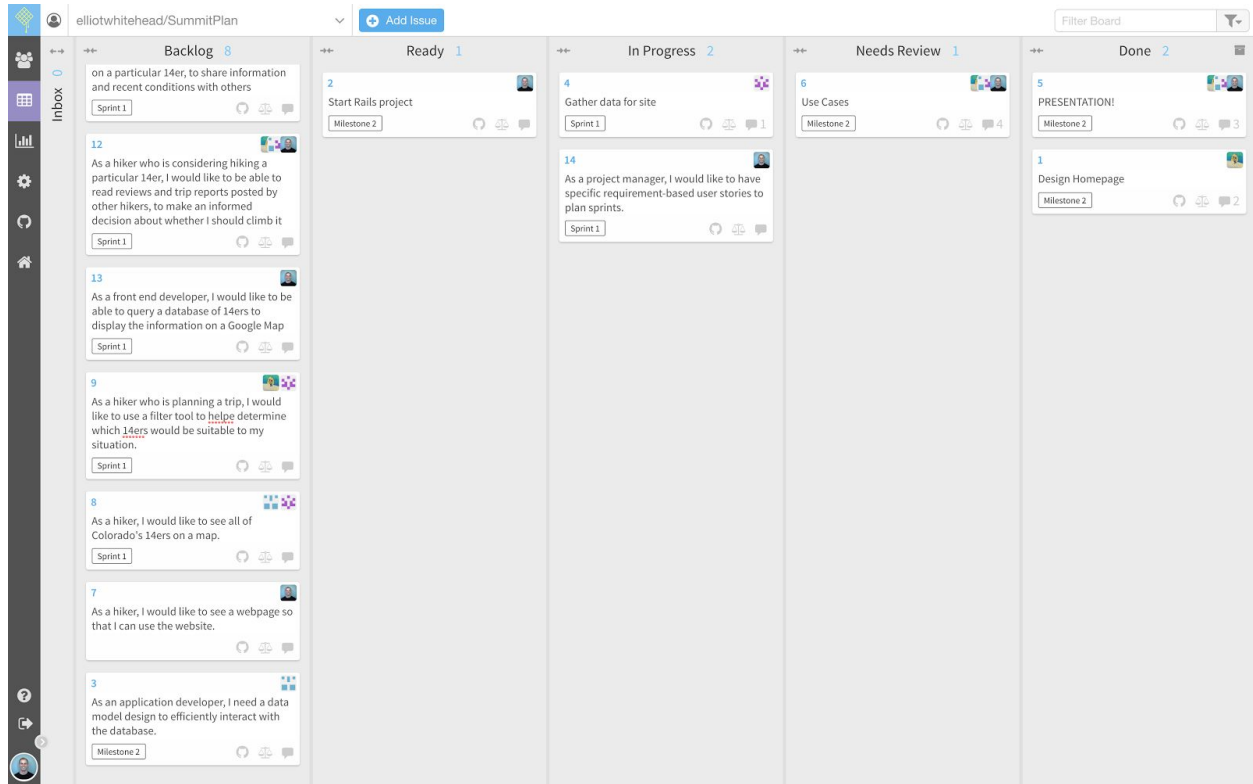


## CSCI 3308 - Milestone 2

1. Which software product will you use to plan and track the progress of your project?

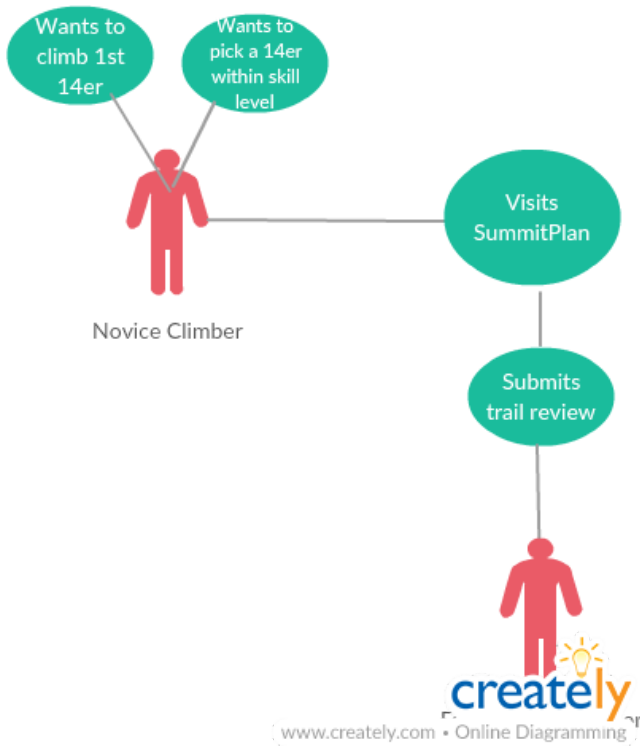
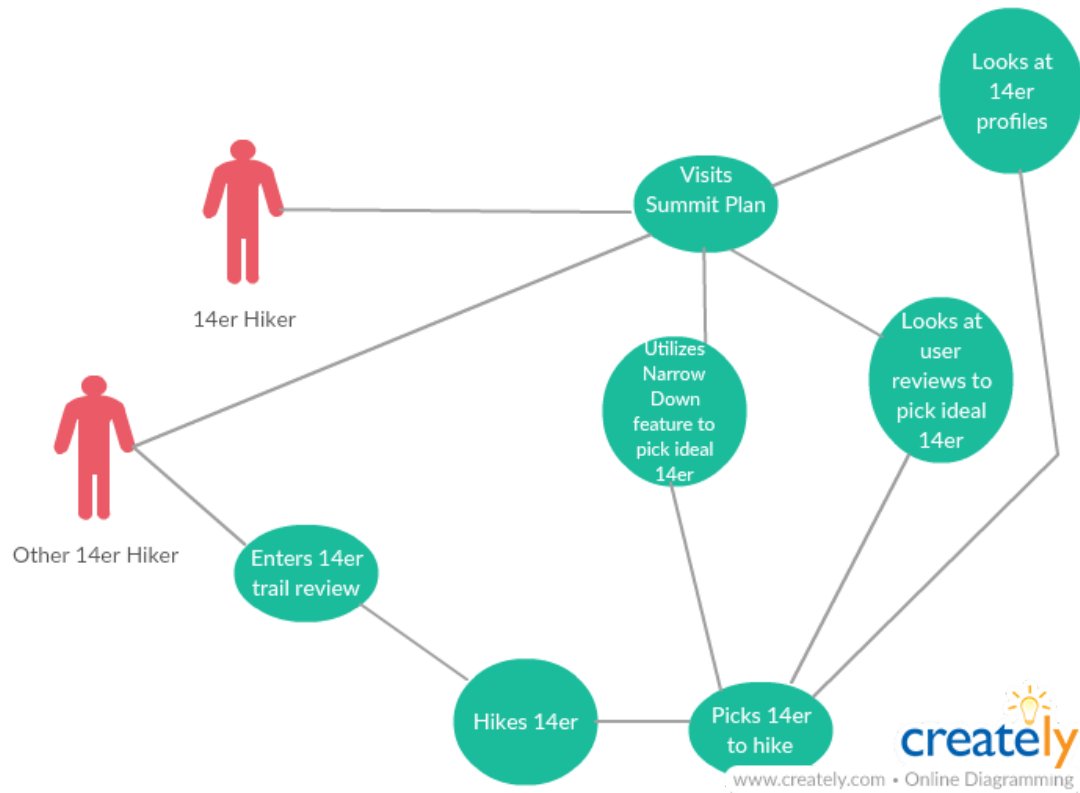
Waffle.io -

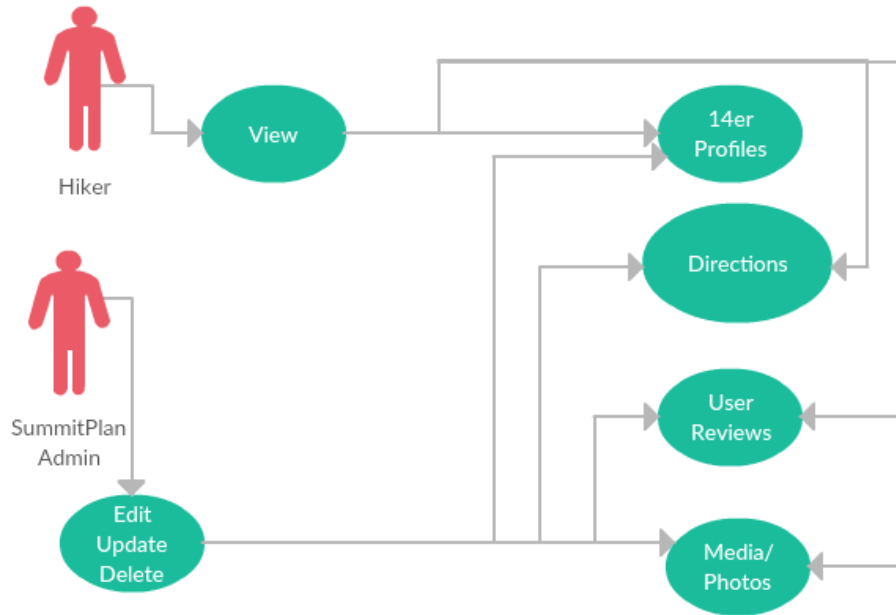


A screen shot of your project management tool which displays your project dashboard (containing the user and functional requirements, sprint tasks and owners, todo, inprogress and done lists)

2. Capture the requirements for your project: Project Backlog

Our requirements are defined by the following use cases:





Use case index:

ID	Name	Primary Actor	Scope	Complexity	Priority
1	Visit Summit Plan	New user	in	Medium	1
2	Utilize criteria tool	New user	in	Medium	1
3	Display suitable hikes	System	in	High	1
4	Enter review	Previous user	in	High	2
5	View reviews	New user	in	Low	2

#### 1. Name: Visit Summit Plan

Description: A user should be able to visit the website for Summit Plan. He/she should see the homepage with the map of the different fourteeners.

Actors: The user and the system

Preconditions: the user has a device with a web browser and internet access

Basic flow: The user enters the web address to see the website

Alternate flows: N/A

Exception flows: N/A

Post conditions: N/A

## **2. Name: Utilize criteria tool**

Description: A user should be able to utilize the tool to select criteria for their desired hike. The criteria will be displayed on the main page, such as desired length of hike or distance from location, and the user can enter their desired criteria for their hike.

Actors: The user and the system.

Preconditions: the user has a device with a web browser and internet access, and has accessed the Summit Plan website.

Basic flow: The user views the selected criteria on the website, then enters their desired criteria for their hike by selecting fields, using sliders, and entering values.

Alternate flows: N/A

Exception flows: N/A

Post conditions: N/A

## **3. Name: Display suitable hikes**

Description: The system should receive the user's selected criteria and use the information to determine hikes that fit the user's criteria. It should then display the list of hikes to the user.

Actors: The system

Preconditions: the user has a device with a web browser and internet access, has accessed Summit Plan, and has entered their desired criteria for a hike.

Basic flow: The system receives the selected criteria and parses it. It uses the selected criteria to pull suitable hikes from the database. It then displays the selected hikes and their details on the webpage.

Alternate flows: N/A

Exception flows: N/A

Post conditions: N/A

## **4. Name: Enter review**

Description: A user that has previously accessed Summit Plan and hiked a fourteener should be able to enter a review of the fourteener on the Summit Plan website.

Actors: The user and the system

Preconditions: the user has a device with a web browser and internet access, has accessed the Summit Plan web page, and has previously hiked one of the fourteeners.

Basic flow: On the main page, the user selects a link to take him/her to the review page. On the review page, the user enters information about the fourteener such as the name. The user can then add a personal comment with their review of the hike.

Alternate flows: N/A

Exception flows: N/A

Post conditions: N/A

## **5. Name: View reviews**

Description: A new user that is researching possible fourteeners to hike should be able to see reviews of fourteeners from users that have previously hiked them.

Actors: The user and the system

Preconditions: the user has a device with a web browser and internet access and has accessed the Summit Plan web page.

Basic flow: The user follows a link to take him/her on the review page. The system should then display reviews of the fourteeners.

Alternate flows: Once on the review page, the user can enter the name of a specific fourteener to see reviews for that hike.

Exception flows: N/A

Post conditions: N/A

### *Project plan*

We will be working in 1 week iterative sprints to develop our app. Our initial focus has been to design out the data model and visuals of our app. Moving forward we will start by setting up a Rails scaffold to begin building on. The focus of the first sprint will be to add basic web server functionality to our app, allowing a user to view the homepage, and see some data from the database. Each 1-week sprint will add incremental functionality until the app is complete, at which point we will focus on refining the features we've built.

### *A summary of your team's agile standup and retrospective meetings (see above)*

Our first retrospective focused on the design of our data model, user interface, and product logo. We finalized our app requirements and features and reviewed the proposed visual designs for the site. Our future retrospectives will largely revolve around development progress as we build out the functional pieces.