(Setting minimum time for tasks as 1 Hour)

**User Story 1:** As a user I want to see if the gym is impacted So that I know if I should go or not

**Task 1:** Create a user interface (either search bar, drop down menu, or map) that allows a user to search for comments from a certain location (ie gym)

**Estimated time:** 1 Hour

**Task 2:** Create a data structure (list) to hold comments from a certain location (ie gym)

**Estimated time:** 1 Hour

**Task 3:** Create a user interface that allows a user to scroll through multiple comments

**Estimated time:** 1 Hour

**User Story 2:** As a user I would like to submit a comment into a feed specified by location so that I can let people know if a certain location is crowded or empty.

**Task 1:** Create a submission page (accessed by a “Submit” button) that includes one text box that can hold up to 140 characters for the comment (character limit subject to change) and *one text box* (or drop down menu?) that specifies the location from where the comment was made.

**Estimated time:** 1 Hour

**Task 2:** Add the comment into a global list of comments that can be accessed by anyone who also has the app.

**Estimated time:** 1 Hour

**User Story 3:** As an user I want to see if the basketball courts at RIMAC is impacted So that I know if I could get an open court to play on

**(See user story 1)**

**User Story 4:** As a user I’d like a search bar to find places. And would like the path between Galbraith and Main Gym, Library walk, and PC

**Task 1:** Figure out how to implement a search bar lmao

**User Story 5:** As a user, I want to know if study areas, like Geisel and Starbucks, are crowded or not, so that I can study on campus

**(See user story 1)**

**User Story 6:** As a user I’d like to see if the labs, especially Computer Science Labs are full, so that I can avoid rush hour if need be.

**(See user story 1)**

**User Story 7:** As a user, I’d like to see a list of all the crowded/populated areas in order by population. This will give me a feel of what areas to avoid.

(Would we be able to do this?)

**User Story 8:** As a user, I’d like to see a space to place to add a short description for the user. This way I will be able to understand as to why a certain area is full.

**(See user story 1)**

**User Story 9:** As a user, I would want to see a verification system, this way other users can back up whatever the other person is saying.

**Task 1:** Implement a member variable in the comment class that tracks how many upvotes and downvotes the comment has

**Estimated time:** 1 hour

**Task 2:** Create buttons on the user interface that can give a comment either one upvote or one downvote.

**Estimated time:** 2 hours

**User Story 10:** As a user, I would like to get a general feel of how much parking is left so that I can save time or just take the bus.

**(See user story 1)**

**User Story 11:** As a user I would want to see GPS enabled so that areas around me can be observed based on attendance.

**Task 1:** Learn how to enable GPS

**User Story 12:** As a user I would like to see a feature that allows locations to be updated in an organized thread. This is important so things won’t be as clutered.

**Task 1:** Create two buttons to toggle between a list sorted by upvotes and a list sorted by time submitted

**User Story 13:** As a user I would like old comments to disappear so that when I check the status of a location it is properly updated.

**Task 1:** Implement a date/time variable into the comment class

**Task 2:** Create a commentDeleter class that will delete comments from the list after every 3 hours or so