Project Features List:
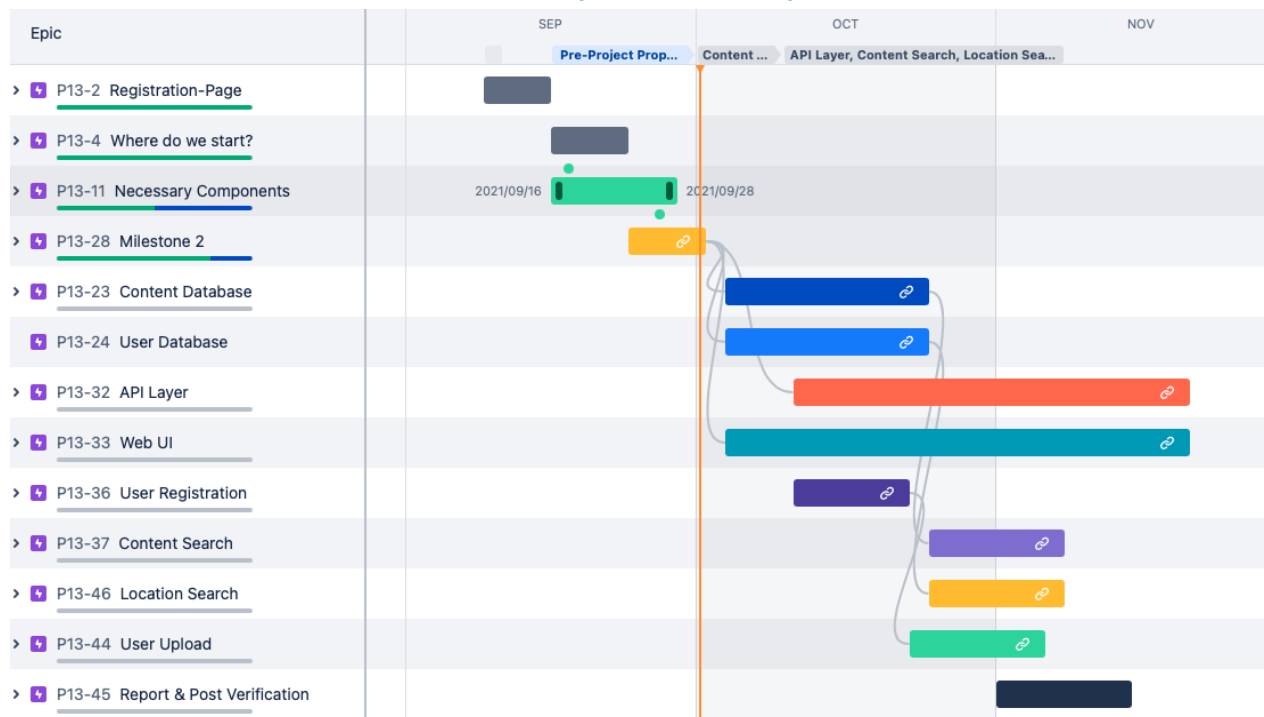
      i.   User registration (Nolan)
   1. Login and registration pages
   2. User database for user accounts
   3. Guest account with no login required

      ii.   Content search (Yefan)
   1. Backend: Search in content database
   2. Frontend: Search bar in UI

      iii.   Location search / map (Evan)
   1. Map feature to show location
   2. Search for locations

      iv.   User upload (Kyle)
   1. User is able to upload suggestions within a location
   2. Comments
   3. Images

      v.   Upload verification / reporting (Owen)
   1. report feature in UI
   2. send reports / submissions to developers & mods
   3. submissions wait for verification before entering database
   4. Delete post / comment if report is valid

Requirements: See the Jira Board
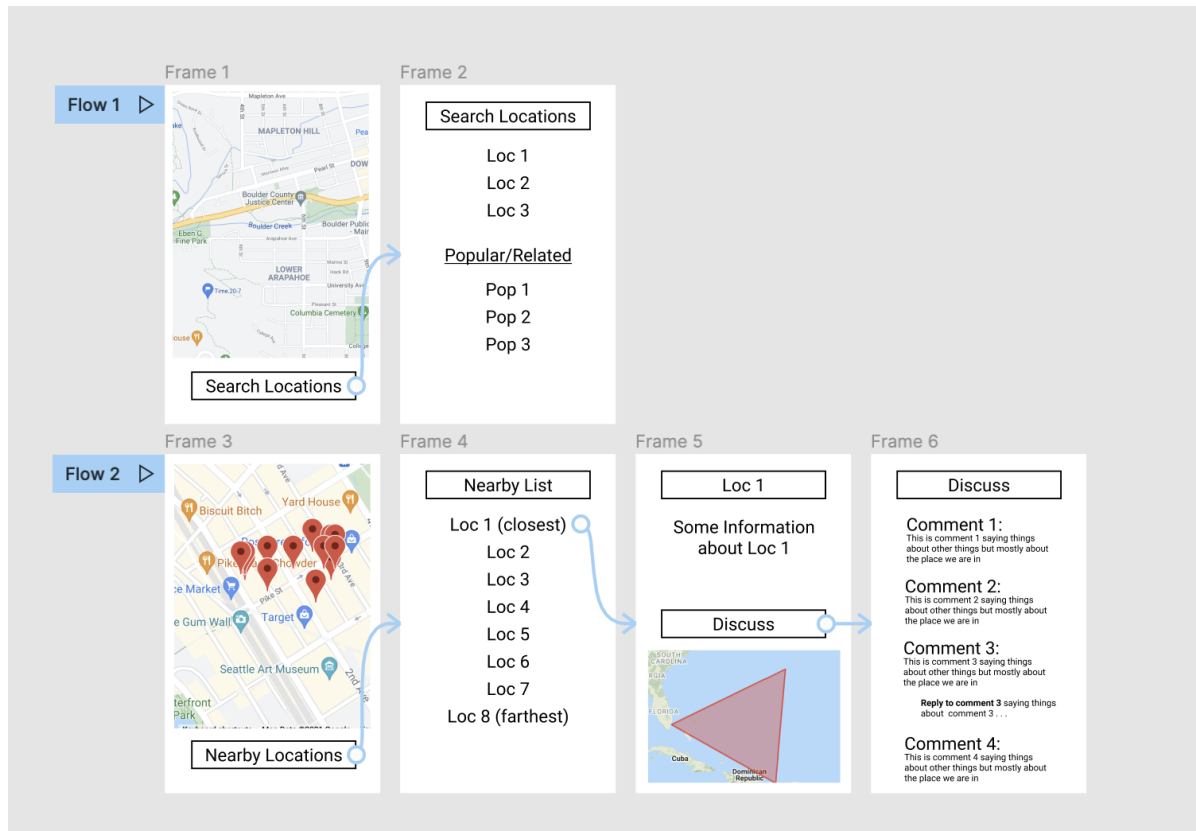https://csci-3308-fall21-013-01.atlassian.net/jira/software/projects/P13/boards/1/backlog
Project Plan: Roadmap
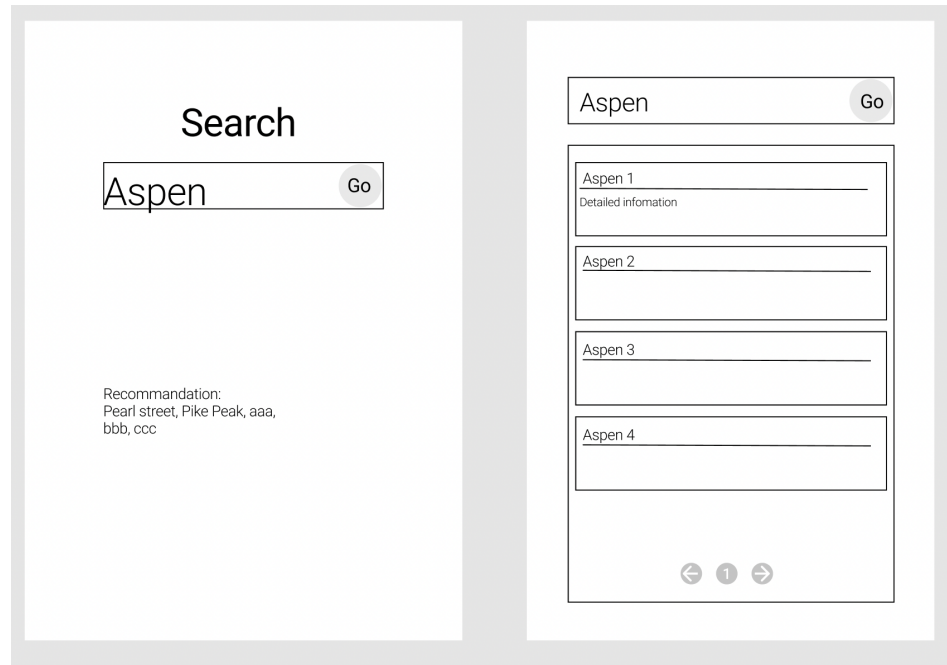https://csci-3308-fall21-013-01.atlassian.net/jira/software/projects/P13/boards/1/roadmap

Wireframes and Design:

Because we are hoping to have the app be web based to reach both platforms we will be using bootstrap to make it more user friendly on mobile. We are planning on using the google maps api for location but if that seems cost prohibitive(doubtful)/not what we need we will find other options. For the back end we are still deciding what database service to use (mysql, mongo, etc)

Searching page

Individual Contributions:

Nolan:

 Created User registration User stories

Worked on wireframes using figma

Helped brainstorm features and plan user stories and timeline

Even:

Created location User stories

Added wireframes and flows to figma

Researched location API's and platform that will work the best

Found some resources for search depending on platform/database used

[Latest Commit](#)

Owen:

Outlined the project plan on Jira Roadmap

Created sprints for our project requirements

Created Upload verification User stories

Managed Jira page

[Latest Commit](#)

Kyle:

Created User upload User stories

Yefan:

Created content Search user stories

Design the first version of searching and result ui

MAPs API

IOS https://developers.google.com/maps/documentation/ios-sdk/start
Android: https://developers.google.com/maps/documentation/android-sdk/overview

Web (what we will try to use):
https://developers.google.com/maps/documentation/embed/get-started

More Resources: https://love2dev.com/blog/html-geolocation/

https://www.javatpoint.com/html-geolocation

https://webdesign.tutsplus.com/articles/making-websites-location-aware-with-html5-geolocation-
-webdesign-10495

https://developers.google.com/web/fundamentals/native-hardware/user-location/

Shapes: https://developers.google.com/maps/documentation/javascript/shapes

https://developers.google.com/maps/documentation/javascript/examples/polygon-simple

Search:

SQL: https://www.freecodecamp.org/news/basic-sql-commands/

Mongo:https://www.mongodb.com/atlas/search

https://docs.mongodb.com/manual/text-search/