Team Name: camelCase
Team #110-2

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Application Name:
FreeDrop

Completed Features:

- ➔ Ability to track a user's location using HTML 5 Navigator
- ➔ Initial Log In system
- ➔ Initial ability to download files from server file storage
- ➔ Initial ability to upload files to the file server
- ➔ Partial completion of Map feature (so far can pinpoint user, but not files)
- ➔ Database has been set up in MongoDB

What Worked During the Demo:

- ➔ Our Flask server successfully launched the website
- ➔ Flask successfully handled both uploading and downloading files onto/from the server to a user's individuals computer
- ➔ Upload Modal, Download Page, and Login/Register Pages all performed as expected (HTML)
- ➔ A user could log into our website using a preset username and password
- ➔ Database in MongoDB was shown

Issues Faced During Development:

- ➔ Occasionally a user's geolocation cannot pinpoint the user in a tight enough radius. We are still unsure why this happens only every once in a while. This has not been a major issue as of yet, and does not appear to be a common behavior of the Navigator framework.

Suggestions Offered by the TA:

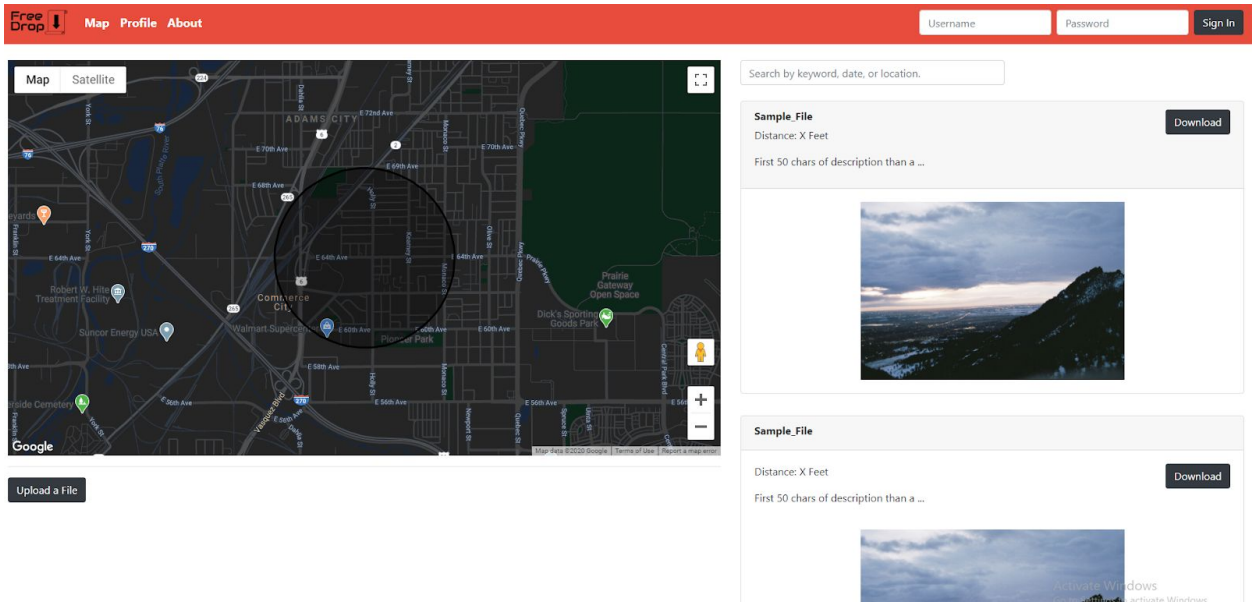
- ➔ We are doing well in terms of schedule, no other major comments

Our Google Drive Folder

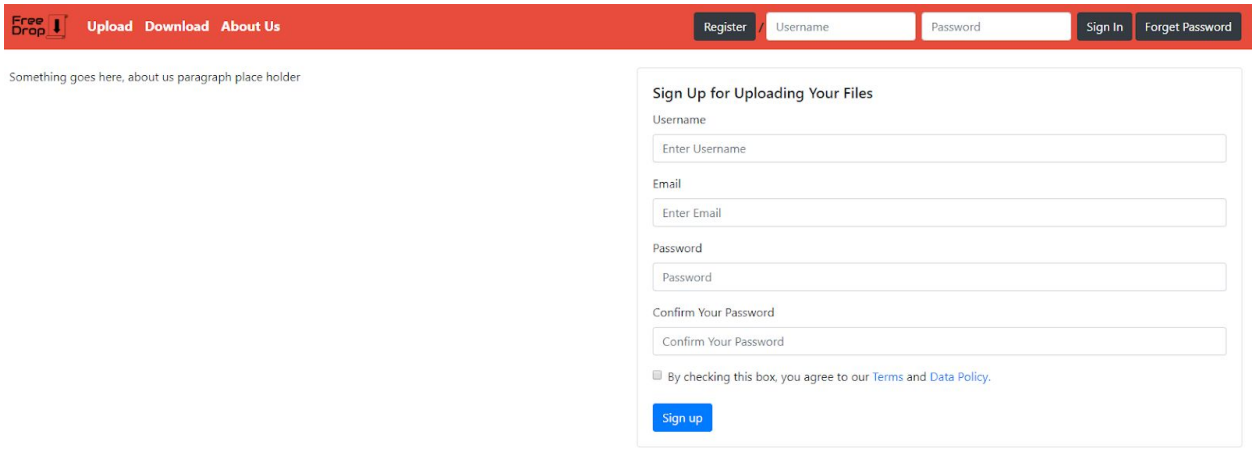
Our GitHub "Projects" Repository

Demo:

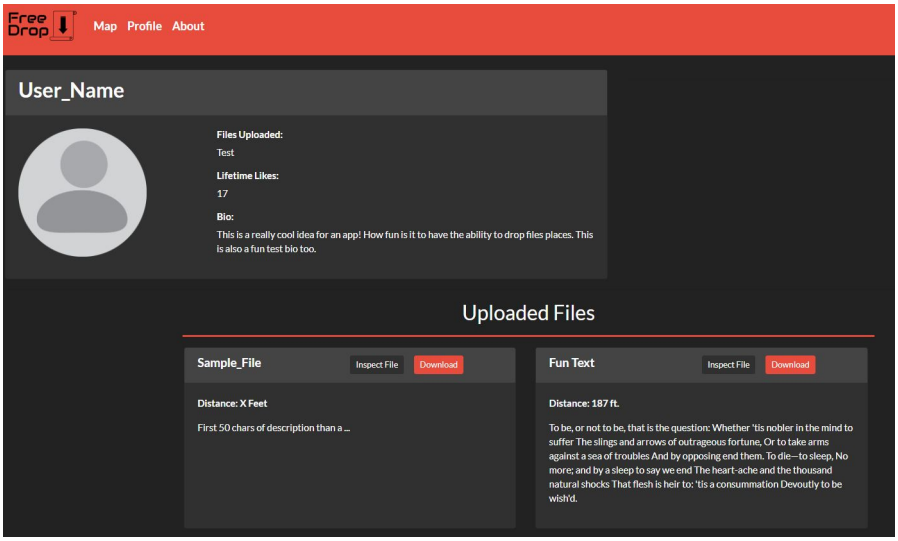
For our demo we were able to present both front-end and back-end and what we had so far. Starting from our main web page we decided to make it our download page. Since Freedrop is about uploading and downloading files we decided to keep as simple.



The website greets you with a notification asking to share your geolocation to get started on the map. On the right you would see the files around the area to max of 1000 meters (TBD), and also the pictures or files with a download function. Moving on we have our register page and we have a simple layout with information we need to add about our website.



The register has pop-ups saying what to include to protect critical information like password, and also will let you know what needs to be filled in if the sign up button is pressed. We have a user page for the client. So far it has what the user uploaded and info about that person.



We are integrating our front-end and back-end slowly but got things like registration for clients to be accessed from MongoDB.

Interview:

The interview went well as Chelsea had not a lot to say but that we were able to provide lots of detailed pages. We learned a lot during the makeup of the website including the use and work around the GitHub. Through communication we were able to follow through with tasks and we learned how to make a detailed set up of multiple pages and google maps API for geolocation. Most things are going well like how we were able to make the API work with distancing and our registration with the help of modals. Our biggest obstacle right now is moving forward toward integration with Flask.