

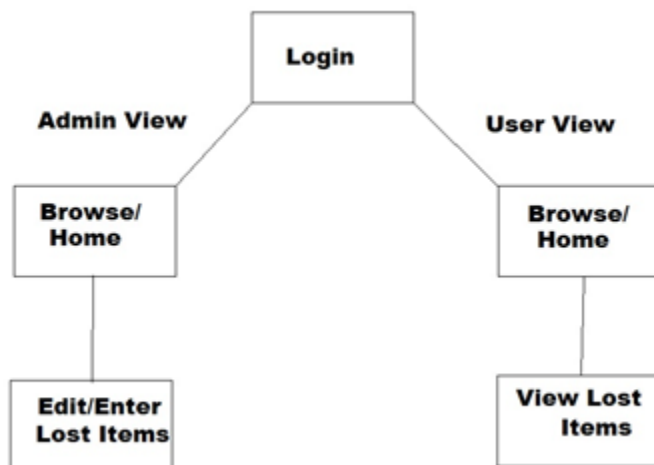
Group 19 Design Document

Abstract:

Group 19 is in charge of front end web development for the website interface. This interface will include several pages such as the login and home page, item search, and about page. These pages will follow OU general website design guidelines. Administrators will submit a new found item to the database using a form and then it will be accessible for lookup for staff. Because the GCP team is also in charge of administrative tasks for this project, we will also be assisting in developing some of the gcp backend that will handle which data is needed by which other part of the project.

User Flow:

- User logs in
- If user is admin goes to Admin view of the Browse lost items page
- If the user is not admin they go to User view of same page
- If the user is admin they can select lost item or enter new one to go to the edit lost item page
- If the user is not admin they can select lost item to view details of the lost item but not make any changes



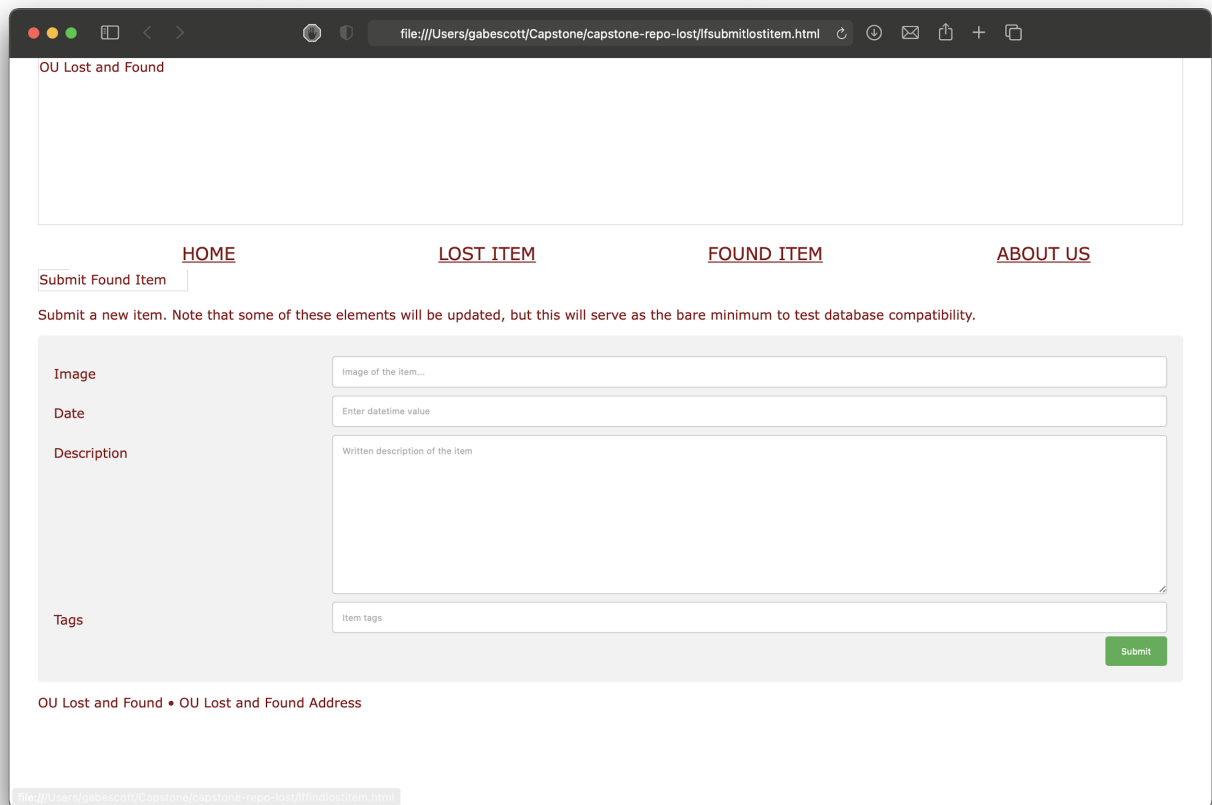
Data Flow:

Because we need to send data to the dbms, image recognition, and geolocation, we will submit data through a GCP endpoint which will communicate with the necessary components. This will be done through a post request using an html form. The front end will submit requests to process, store, and retrieve data to the GCP. The back end for the web interface will include administrative functions, image processing, and geolocation systems. The GCP will act as the middleman between the front end and the database for both storing and retrieving item data.

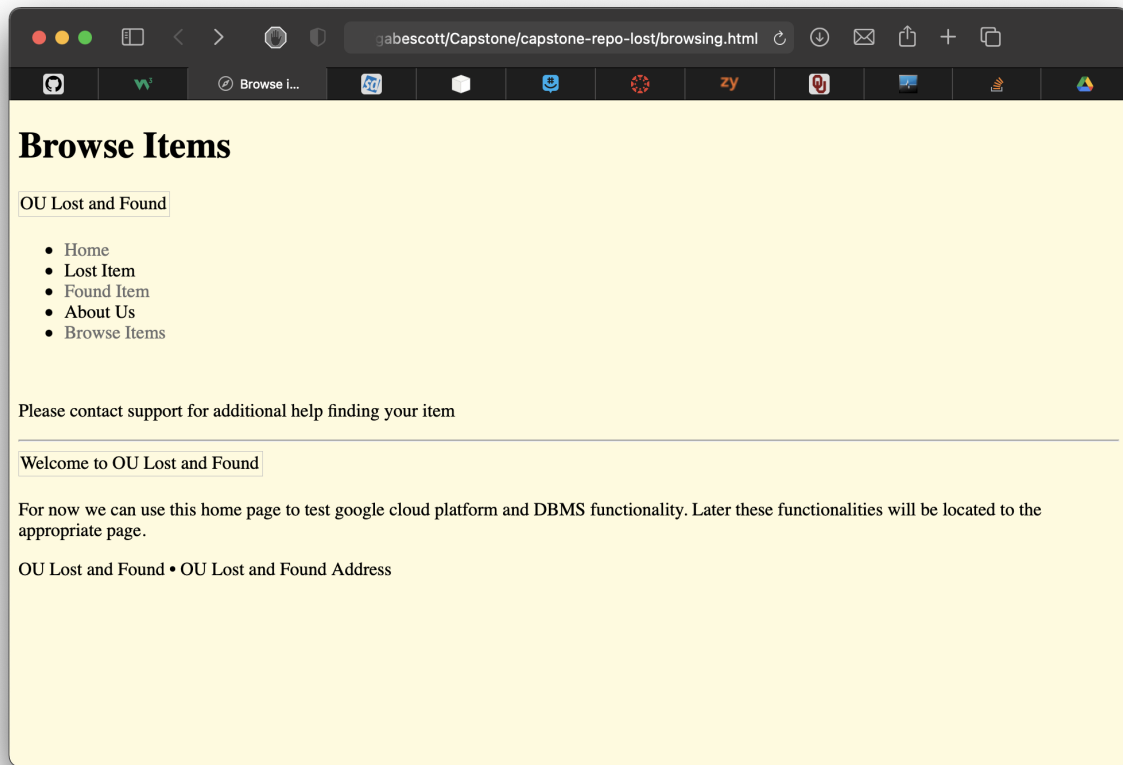
First draft of site head



The following is an early draft of our page for submitting lost items into the lost and found interface.



The following is a very early draft of the page for browsing items already in the lost and found.



The following is an early draft of the About Us page

- [Home](#)
- [Lost Item](#)
- [Found Item](#)
- [About Us](#)

About US

This is the unofficial Lost & Found management system for the University of Oklahoma. This digital system for storing and searching lost and found items has been developed by members of the Class of 2021 Computer Science Capstone class. We hope to make finding lost items on campus quick and easy for students

FAQs

Q: How can I find my lost items?

A: Try searching by item name or description (airpod, textbook, etc.) or using our search filters (date lost, location lost, color, etc.).

Q: Where do I go to pick up my items?

A: The item posting will list the drop off location.