

Project Milestone 3

Team Number: 112 (4)

Team Name: Give Us A Bit

Team Members:

- John Fletcher
- Brett Denson
- Drake Morley
- Yin Zhou

Application Name: BiObserve

Completed and Working Features

Thus far, our team has managed to complete most of the user interface, specifically the initial login and registration pages. While we are still working in connecting these pages to a central database in Firebase for User Authentication, we have also fully integrated Mapbox and learned how to display it in relation to the users location effectively. Additionally, while not yet connected to the front end, we have developed a Hasura database which we will use to track posts from users which will document animal or plant sightings and their location.

Issues Faced

One of the biggest issues we are still working to address has to do with the application of posting by users within the app and connecting these posts to the map. Currently, we know how to display pins on the map by hardcoding them, but have yet to fully figure out how to 1) allow users themselves to make these posts and then display them for everyone else and 2) make these posts displayed as pins on the map, dynamic and usable so that a user can click on them to gain more information on what the post is about and what was entered by the user who placed the pin there.

Provided Suggestions

In our demo, Yash, our TA, made several good comments and suggestions. One of the suggestions he made had to do with the UI and how we went about designing it. Initially, we explained we have been working on the display of the app and using constraints so that the app's UI is able to be seamlessly viewed on various platforms and devices, regardless of the screen size and dimensions. He helped us realize that while this would be a nice feature to have, at the moment, it is not necessarily the best use of our time and will be a project we can go after later on once we have more of the meat of the app fully developed.

Additionally, Yash gave valuable insight into how to plan out the rest of the app's development. He really encouraged us to continue to break down each task we have into bite size pieces to make the workload much more manageable and easier to track.