Project Milestone 5

Team Number: 112 (4)
Team Name: Give Us A Bit
Team Members:

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

Application Name: BiObserve

Test Plans

User Authentication

- We will verify that User Authentication works by cross referencing users credentials to our Firebase database. We will also use the simulator provided by Xcode to streamline the process.
- To test registration, the app, built and downloaded onto one of our phones, will be used by one of us to register as a user using a valid email and a valid password.
- To see if the registration process worked, we can then view the app's Firebase user database to ensure the inputted information was correctly saved and a given user account was created.
- Following the registration process, we can then navigate through the login screen and see that the user is able to input the registered information to gain access into the app itself.

Dynamic Pins

- We will use "dummy data" in our Hasura database so we can test how our front and back end behave with each other. By using controlled variables, we can have a better debugging process.
- With these pins visible on the app's map, the given "dummy data" from the database should displace to the user when the given pin is clicked on by the user

Adding Posts

- One of the main functionalities of our app is for the user to post sightings to the network. Once the front end is developed, we will be using test builds on real devices so we can moderate the entire flow of how the user makes a post.
- Once dynamic pins are proven to work using “dummy data”, users should be able to make their own posts by inputted information directly into the Hasura database that will them be displayed on the map to other users
- To test this, one of use will use the user interface on the app itself to make a test post. Then, we willinusre the information was correctly transmitted into the database. Finally, we will ensure the information is then correctly displayed on the map for other users to view through a dynamic pin we tested previously.