

# Project Milestone 7

Team Number: 112 (4)

Team Name: Give Us A Bit

Team Members:

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

Application Name: BiObserve

## Project Description

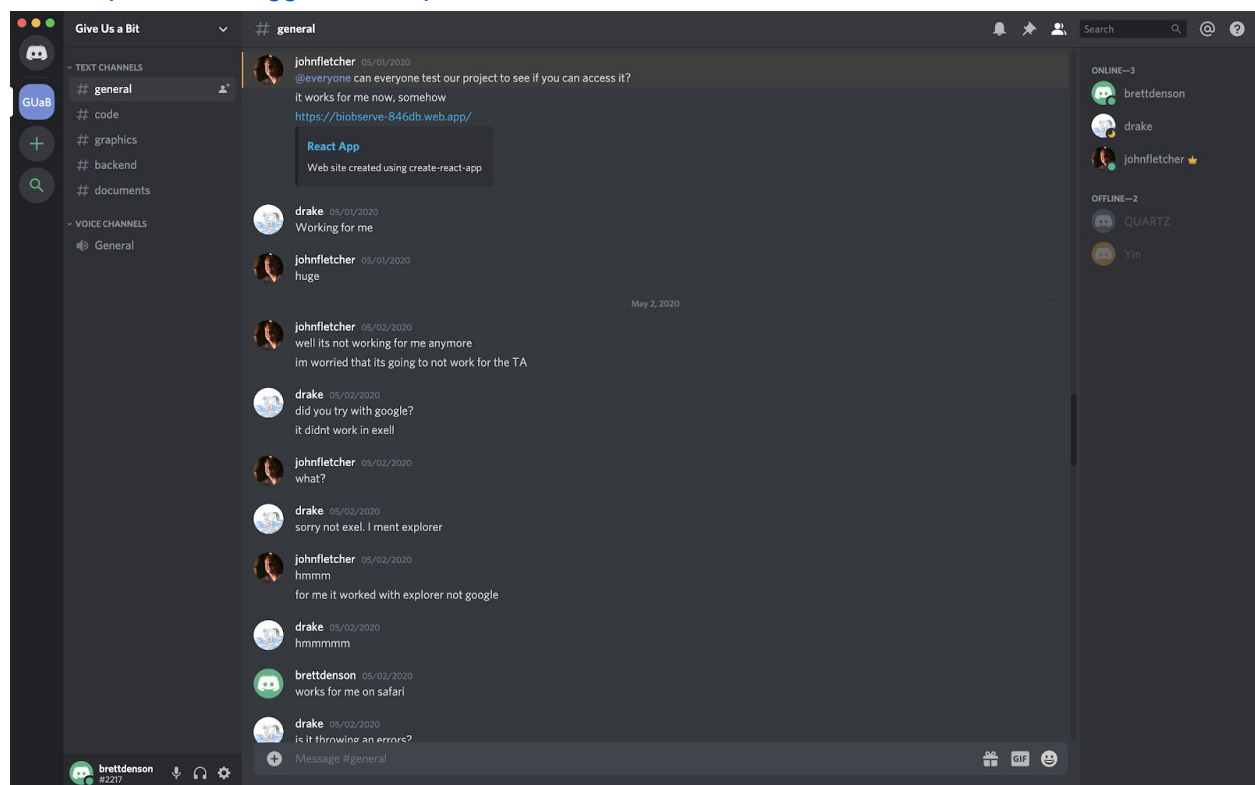
BiObserve is a web-based application which allows users to log spotted locations of flora and fauna seen in nature. With an individual account and unique login, users are able to view a public map displaying all users sightings through dynamic pins. By scrolling around the map, users can view these pins which provide the flora or fauna spotted, who logged it, and when. Additionally, users can view and search all logged animals if they are trying to find sightings of a particular organism or user. Through their individual account, they can also view all posts they have made to the app, edit any posts they had made previously, or add new posts to the map. Together, BiObserve aims to provide a means in which nature lovers and animal spotters can share information of sightings in one seamless and coordinated place.



# Project Tracker

Discord proved to be an invaluable resource to our team in the creation of our application. To keep track of different aspects of the development process, we utilized different channels for the varying aspects, such as graphics, backend, etc. Constant communication was key throughout the process and Discord allows us to continually stay in touch, especially given the current climate and the impact COVID-19 had in the development of the application. However, Discord did not provide a good way for us to share code outside of just sending files, so, we largely relied on meeting in person and usage of our VCS through GitHub to access our project.

Link: <https://discord.gg/HV5VTHp>

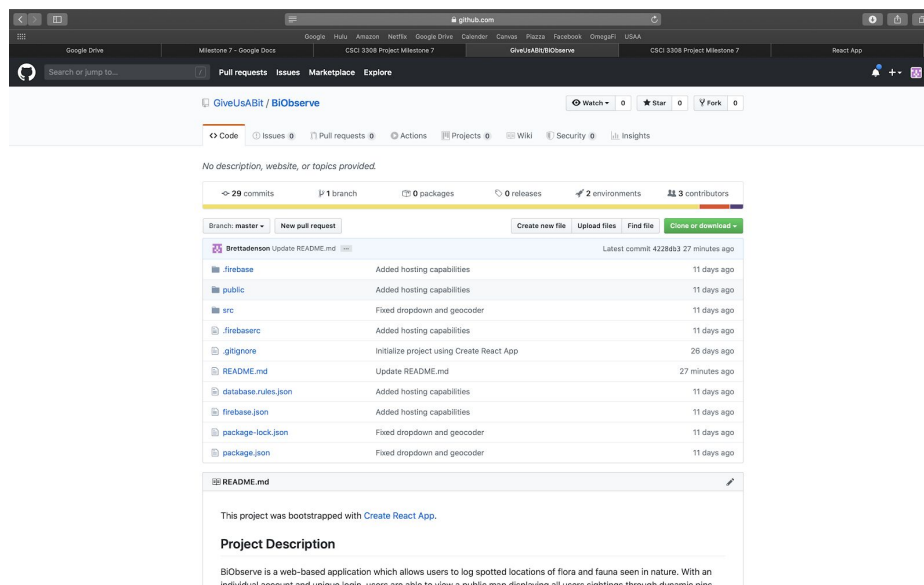
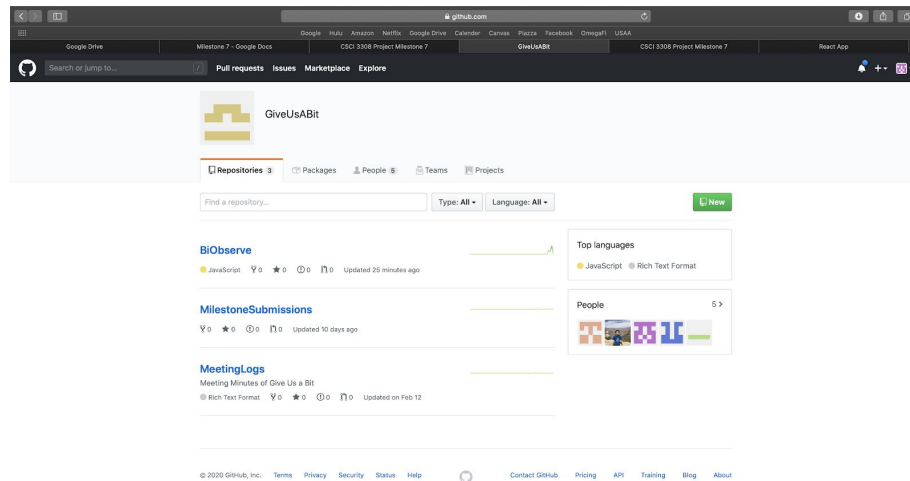


# VCS

Code Repository: <https://github.com/GiveUsABit/BiObserve.git>

Milestones: <https://github.com/GiveUsABit/MilestoneSubmissions.git>

\*Yash Sapra (yasa0041) is a member of our full team organization on GitHub “GiveUsABit”

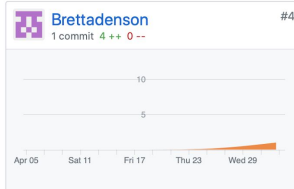
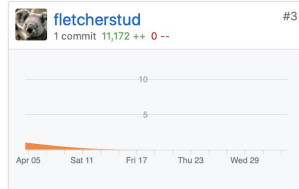
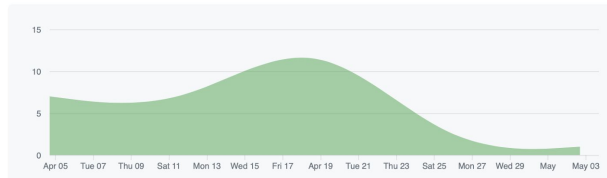


# Contributions

Apr 5, 2020 – May 4, 2020

Contributions: Commits

Contributions to master, excluding merge commits



Feb 9, 2020 – May 4, 2020

Contributions: Commits

Contributions to master, excluding merge commits



NOTE: Fletcherstud is an alternate account of jfletcher98

Team Member	Contributions
John Fletcher	<ul style="list-style-type: none"> <li>Created UI</li> <li>Directed and implemented frameworks to be used</li> <li>Connected Auth0 to Hasura</li> <li>Deployed build to Firebase</li> </ul>
Brett Denson	<ul style="list-style-type: none"> <li>Worked to design the logo and graphics for the application</li> <li>Documented work through doing milestone submissions</li> <li>Prepared project presentation</li> <li>Kept the team on track through monitoring key dates and timelines</li> <li>Helped to brainstorm and problem solve</li> </ul>
Drake Morley	<ul style="list-style-type: none"> <li>Early logo design</li> <li>Designed UI</li> <li>Transferred system from IOS to</li> </ul>

	Windows <ul style="list-style-type: none"> <li>• Research</li> <li>• Attempted (and failed) to deploy to heroku</li> <li>• Testing and varied support</li> </ul>
Yin Zhou	<ul style="list-style-type: none"> <li>• Contributed to database set-up</li> <li>• Helped to solve problems</li> <li>• Helped to prepare milestone documents</li> <li>• Helped to test our app</li> </ul>

## Deployment

Deployment Link: <https://biobserve-846db.web.app/>

Notes:

- The application should work on any browser; however, Google Chrome is suggested
- **Although rare, you might run into a 400 client side error. Unfortunately we have not been able to figure out the reason for this. If this does occur, please try using a different browser.**