**Week 10: Weekly Report for COMP 4910 Project Course**

**Deep Map**

**Jennifer Mei**

**Ryan Carson, Dyson Fraser, Tyrel Froese**  
  
**Summary:**

In the tenth week of the project, we spent the majority of our time with integration. We had been working on implementing Firebase in one branch and the map on a different branch in Git. Now that we had both branches working on both platforms, we spent this week integrating both branches together into one main branch to continue developing on. This process was much more difficult than anticipated, as we not only had to incorporate the learning of our unfamiliar development platform, but also learning how to use Git to merge wildly different branches of development. After much bug testing and collaboration, we finally managed to get the functionality of our two large branches integrated and working in one main branch.

As this merge took longer than anticipated, we have yet to publish the app to the Google Play store. We have had the chance to research how the filter will work in React Native and will begin implementing this filter early next week, which will require us to implement the filter functionality in React Native, our Firebase implementation and our implementation of our map.

Finally, we completed the functional requirements of our client’s webpage. It now has full functionality, including the ability to add community resources, including adding an image, selecting which communities it is a part of, and entering specific coordinates to where it will be. In addition, it also allows her to edit any point on the map or delete it.

In the coming week, we will continue to work on our map filter using the newly integrated master branch of our project. We will also upload the WordPress page to the TruBox site now that it is functionally complete. We will again try to post our app to both app stores. Finally, we will work toward creating our pop-out page, where a user can select a point on the map and have it open a new page with all relevant information.

**Task Completion from Last Week**

* Merged the Firebase implementation branch with the master branch of the project
* Integrated and tested the Firebase implementation in the master branch of the project
* Finished developing the full functionality of the client Wordpress site

**Task for This Week**

* Setup filter for the map, including creating children in the database to act as filter categories for the markers.
* Post app to Google Play Store and possibly iOS app store
* Upload the client WordPress page to her Trubox site
* Work toward creating a Pop-out page for the markers

**Additional Information**

None this week.

**Known issues / things blocking progress**

None this week.