**Week 4: Weekly Report for COMP 4910 Project Course**

**Deep Map**

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**Summary:**

In the fourth week of our project, we began development of a prototype of our app to show to our client using React Native. Our client is out of town for the week so we weren’t able to follow up with her in person, but that gives us more time to work on and polish up our prototype to show to her in this coming week. We also met with Kevin to discuss our progress and determined that we should be looking ahead to support different screen sizes, such as tablets, and that we should be frequently testing and making sure that our app not only works well for Android but also for iOS.

So far, our prototype consists of a WebView (the React Native version of an iframe), with bottom tabs to navigate to the other parts of the Deep Map Website. Right now we are just trying to solidify the User Interface to make sure our client is happy with how it will look. We are planning to implement a native Map view on the app itself and organize the UI of the map in a way that makes the usability better for the mobile platform, but are using a WebView for the time being to be able to create a Minimum Viable Product earlier in the development so we can begin the iteration process quicker.

In this coming week, we will be meeting with our client and presenting our prototype. We will be gathering feedback from her on the look, feel, and usability with the current prototype for consideration into our next iteration of the app. We will also be trying to determine how we will store the information of our app, as well as how our client will be able to manage the content of the app.

**Task Completion from Last Week**

* Developed prototype of the Deep Map using React Native as a framework
* Determined that React Native will suit our needs of this project.

**Task for This Week**

* Continue working on the UI of the prototype in anticipation of our client meeting
* Implement a Map View in React Native and start to develop the unique UI of the app
* Identify database and content management requirements of the app

**Additional Information**

None this week.

**Known issues / things blocking progress**

None this week.