**Week 8: Weekly Report for COMP 4910 Project Course**

**Deep Map**

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**Summary:**

In the eighth week of the project, we began working on integrating some of the functionality we have been working on separately. First, in preparation of integrating the map markers with Firebase, we started to integrate Firebase into the Android version of the app. The fact that we are attempting this within the constrains of react native meant that it is becoming a larger task than anticipated and is still a work in progress.

We have also worked on integrating the MapView that we developed in Android for our midterm review into iOS. Fortunately, this was a rather simple implementation that is stable on our iOS app.

We started looking into publishing the app on the Google Play store. The roadblock to this is that the Google Play Store requires a logo to be uploaded for the app to be published. We will discuss how we want to design our logo with our client this week.

Finally, we were able to upload images in the form of base64 image files into the Firebase Database. This will allow us to display images of the different physical and virtual locations within our app.

In the coming week, we will continue to work on the integration work on our app. We will also spend some time as a team to map out the remaining sprints of our project, create a handover process and determine the final scope of what we can accomplish before the project is handed over. We will review this with the client to confirm we are still meeting the expectations of the client. We will also look into integrating our Wordpress form onto the Deepmap site to be used by our client.

**Task Completion from Last Week**

* Worked on implementing Firebase in the Android version of the app
* Implemented the MapView in iOS
* Determined the requirements to publish the app on the Google Play store
* Implemented images into Firebase Database

**Task for This Week**

* Finish integrating Firebase into the Android version of the app
* Continue determining requirements of publishing the app on both app stores
* Create timeline of final sprints and wrap-up
* Work on integrating the Wordpress form on the DeepMap site

**Additional Information**

None this week.

**Known issues / things blocking progress**

* Integrating Firebase with the Android version of the app