**Week 7: Weekly Report for COMP 4910 Project Course**

**Deep Map**

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**Summary:**

In the seventh week of the project, we were able to finalize the basic functionality of the MapView on Android. The application now shows a map with markers, that focus in and display the name and description of the location when selected.

We also cleaned up the User Interface more, moving the tabs from the top to the bottom of the screen and adding a tab for “Virtual Locations”, where we can display online resources for marginalized communities.

Finally, we have implemented our Firebase database within our app. While this is on a separate branch of the project, and only holds strings at the moment, this is a huge step toward being able to manage our locations in Firebase. We have also created the form on WordPress that will allow our client to update and manage the content on the app and have implemented the same Firebase database in that form.

In the coming week we will continue working on the Firebase implementation, setting up map coordinates in the database and reflecting these coordinates in the app. We will also implement functionality in iOS for the MapView and prepare the app to be published on the Google Play Store and the Apple App Store.

**Task Completion from Last Week**

* Completed the implementation of the MapView for Android
* Completed the Firebase Integration with the app (for simple strings)
* Created a simple WordPress Form for the client to manage content on the app
* Integrated Firebase with the WordPress Form (for simple strings)
* Implemented scrolling tabs on the bottom of the screen
* Implemented “Virtual locations” tab for external links on different tab

**Task for This Week**

* Integrate map coordinate values in Firebase and store map locations in the database
* Implement the MapView in iOS
* Prepare the app for the Google Play and Apple App Store

**Additional Information**

We have been working from a Public GitHub Repository. This repository includes our project file, as well as a folder called Project Binder that includes all of our documentation. The repository is located at <https://github.com/djryancarson/DeepMap>.

**Known issues / things blocking progress**

None this week.