

Wade Johnson (wmj2108)  
Charlie Summers (cgs2161)  
Nick Clark (ntc2120)  
Wenhe Henry Qin (whq2000)  
Magikarp  
COMS W4156  
Magikarp Team Assignment 4

## **Part 1**

Our team demoed the Myplace Android app with Shirish on 11/20/2020 at 8:30pm EST. We were able to demonstrate the majority of the app functionality although there are still some features, such as deleting posts, that were not yet complete.

Challenges Faced:

1. Some of the app transitions are not as smooth or responsive as might be expected from a mobile app, and there is some additional research needed to optimize this aspect.
2. Using an Android emulator with a keyboard and mouse made manipulating the map UI difficult, as it is designed to use two-point touch for some of the operations. To alleviate this in the next iteration, we plan to add zoom buttons included with the Google Maps API to the layout. We may also disable some of the features that we do not believe enhance the app's functionality, such as tilting or rotating the map. These functions are more useful for navigation, which we will be offloading to a different app on the device.
3. Due to time limitations, the seed data used to demonstrate the app was mostly developer tests and not representative of the app's purpose of providing unique travel tips to users.
4. Google Cloud Platform had some network glitches the night before that made backend deployment a bit more challenging. That resolved the day of the demo.

## **Part 2**

Repo Link: <https://github.com/hwqin16/Magikarp>

Tagged Version of Code: <https://github.com/hwqin16/Magikarp/releases/tag/v1.0>

## **Part 3**

Link to all submissions: <https://github.com/hwqin16/Magikarp/tree/master/documents>