



08 – Google Maps

Exercise 8

Files to use in genymotion can be found on frontier.

AS chapter 9



Agenda

- ◇ Exercise 8 presentation
- ◇ Evaluation on Hackathon
- ◇ Using Google maps in mobile apps
- ◇ Using Maps in Titanium
- ◇ Exercise 9 - Pokemon go clone (simple)

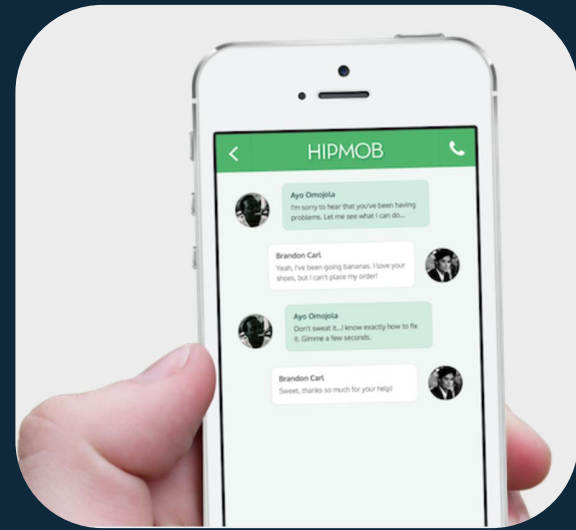




Exercise 8

Create an app using HipMob module.

Create another app using a module of your own choice.





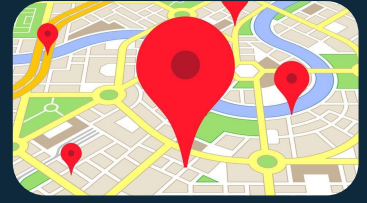
Google maps and mobile apps

Geolocation is one thing that was made possible for everyone with a smartphone. It is possible but impractical with other devices.

Ideas:

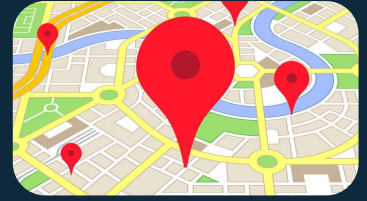
<http://www.makeuseof.com/tag/10-fun-outdoor-games-play-gps-enabled-smartphones/>





What is a great
Map - app ??





Titanium and Maps

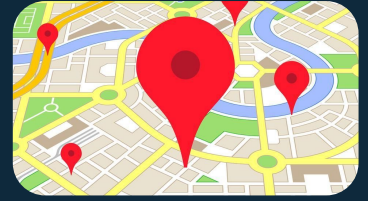
Google Documentation

<https://developers.google.com/maps/documentation/javascrypt/tutorial>

Appcelerator Docs..

<http://docs.appcelerator.com/platform/latest/#!/api/Modules.Map>





Before we start ...

Setup Genymotion.

Files is placed on frontier for Android 5.0.0



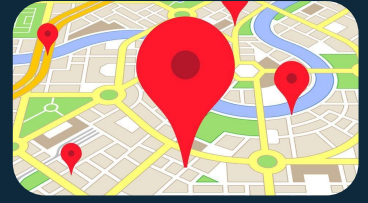


Sample app

SAMPLE APP: !!!

<http://www.appcelerator.com/blog/2016/04/updated-geocoder-sample-app-now-uses-alloy-and-demonstrates-run-time-permissions/>





How is it working

In class show app.





Exercise 9

Pokemon clone

Make an app that counts points when reaching a given position on a map. If you have visited a position you won't get point from same position until 5 min. has passed.

You will need a google map with given visible positions to reach and you need to know when they are reached.

get distance algorithm: [LINK](#)

