Mobile Apps Development for Journalists

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Agenda

- Working with Locations Assignment

- Location Manager Review

- API Review

- In-Class Exercise: First Map App

Working With Locations

- Not a coding assignment

- Building a location-based audio app

- List of Screens

- Wireframes

- Additional Features

Location Manager Review

- import CoreLocation framework

- Initialize a Location Manager

- Set the delegate on the location manager to self

- Request authorization from the user (the popup dialog)

- Tell the Location Manager to Start Updating Locations

API Review

- APIs provide functionality to our app - third party web services

- For instance, we can get the weather for our location using the Dark Sky API

- Use NSURLSession to retrieve content

- Returns JSON, which we can process in Swift

In Class Exercise

- First Map App!

- Let's get started with our first map

- I wrote a tutorial you can follow

- In Canvas, use FirstMapApp-XCode7.pdf under Files