

Project Plan 2

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For this project, I am continuing on my Project 1, and adding the functionality that will display info for the buildings the user is next to. Also, I would like to add a drop down picture when you get close to the building so that the user has visual conformation that they are looking at the correct building. The user will also have the ability to scroll the picture away. I have (and am still in the process of) creating dictionaries that I pass into my updateInformation function. This dictionary will consist of the latitude and longitude points of the building, the building name and information about the building. Instead of there being a label in the map view holding the building information, I will change this to a text view in order for all of the information to be properly displayed in a scrollable manner. In order to do this, I will need a global variable holding the user's latitude and longitude, updating that information every ping from maps. I will then compare the users location with the building locations and determine which building's information is the proper one to display.

In class today, I learned that I should have multiple view controllers and a class that will hold all of my building information. If I have enough time, I will split up my code for each view controller into different ViewController.swift files to help organize all of the code and the making of the dictionaries. I will also re-do the segues because as I learned, I implemented them incorrectly and am eating up unnecessary memory.

Below is view one and view two of my app

