

C323 / Spring 2019 Final Project

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Simple Weather Application

The application comes with three tabs. The first tab allows you to see the current weather and weather conditions, the second tab allows you to see where your location is on a map, and the third tab allows you to search for other locations and will update the first tab to match the new location. It also saves all previous locations you have entered.

In the settings app, you can change the temperature scale from Celsius to Fahrenheit and vice versa. It also allows you to change the map type between standard, satellite, and hybrid.

Completed Requirements

We used a tab bar controller as our over-arching view controller.

We have a table view controller with a search bar as input.

For output, we have images, a map, and text.

We also have persistent settings and storage.

We implemented Core Location and Mapkit.

Extras

We also learned how to retrieve data from a website and parse the JSON file that came with it for weather data.

Hardware/Development Tools

Used XCode 10.1 and iPhone X for testing.