

WeatherBuddy

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Overview

- Favorite Cities
 - Add city
 - Rearrange cities
 - DetailView: gives forecast and other info
- Map: weather icons displayed over cities
- Contacts
- Settings
 - Theme: Classic, Dogs, Notre Dame
 - o Temperature Units: F, C, K

Edit	WeatherBuddy	+
////////	South Bend	52°
\rightarrow	New York City	55°
	Chicago scattered clouds	50°
\rightarrow	Los Angeles clear sky	64°
	St. Paul scattered clouds	62°
,,,,,,,,	Washington D.C.	50°
-\\\\-\\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\	Map Contacts	Settings

Classic, Fahrenheit

≺ Back New York City, NY Low: 54° 56° High: 60° Humidity: 76% Wind: 5.8 mph SE Pressure: 14.69 psi Clouds: 1% 05:51 AM 07:54 PM 5 Day Forecast Monday 54° 48° Tuesday 52° 42° Wednesday 58° 44° Thursday 64° 48° Friday 67° 45° -<u>`</u>\. £555 Contacts

Dogs, Celsius

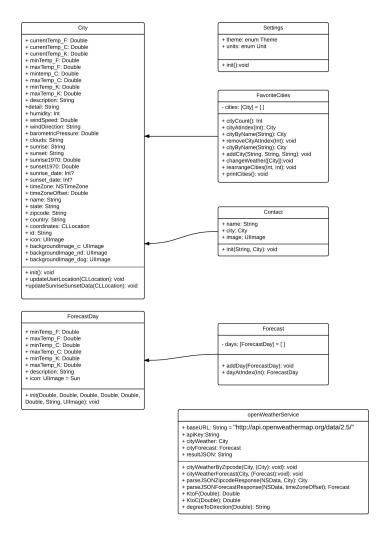


Notre Dame, Kelvin



Class Design

- City class is large but difficult to split
- Each contact object contains a city



Non-class Material in WeatherBuddy

- Contacts framework
- Use of settings
- Gradient Views
- Custom map annotations
- OpenWeatherService API





Obstacles and Challenges

- OpenWeatherService API provides inaccurate and inconsistent data
 - Made all weather data based on zipcode
- Unable to make too many calls at one time
 - Had to add a sleep function in the api call
- Limited data provided for forecast
- Settings had a very long implementation
- Hard to pass data in app, no segue between tabs
 - Only one instance of cities and settings classes

Questions?