WeatherBuddy

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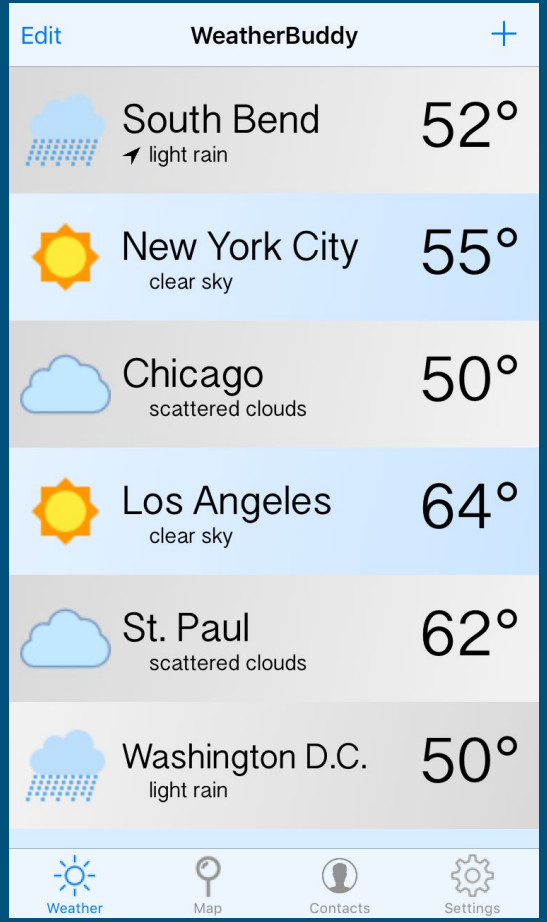
Overview

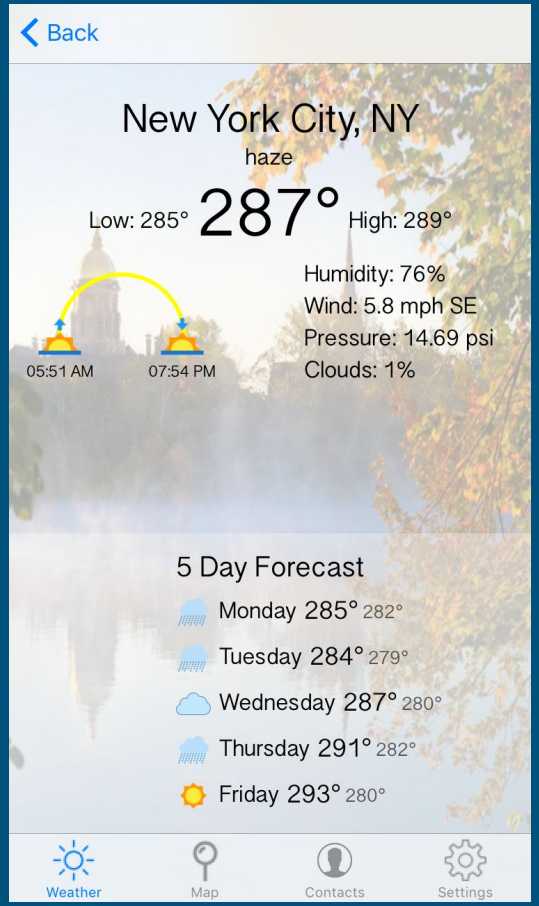
- Favorite Cities
  - Add city
  - Rearrange cities
  - DetailView: gives forecast and other info
- Map: weather icons displayed over cities
- Contacts
- Settings
  - Theme: Classic, Dogs, Notre Dame
  - Temperature Units: F, C, K



Classic, Fahrenheit

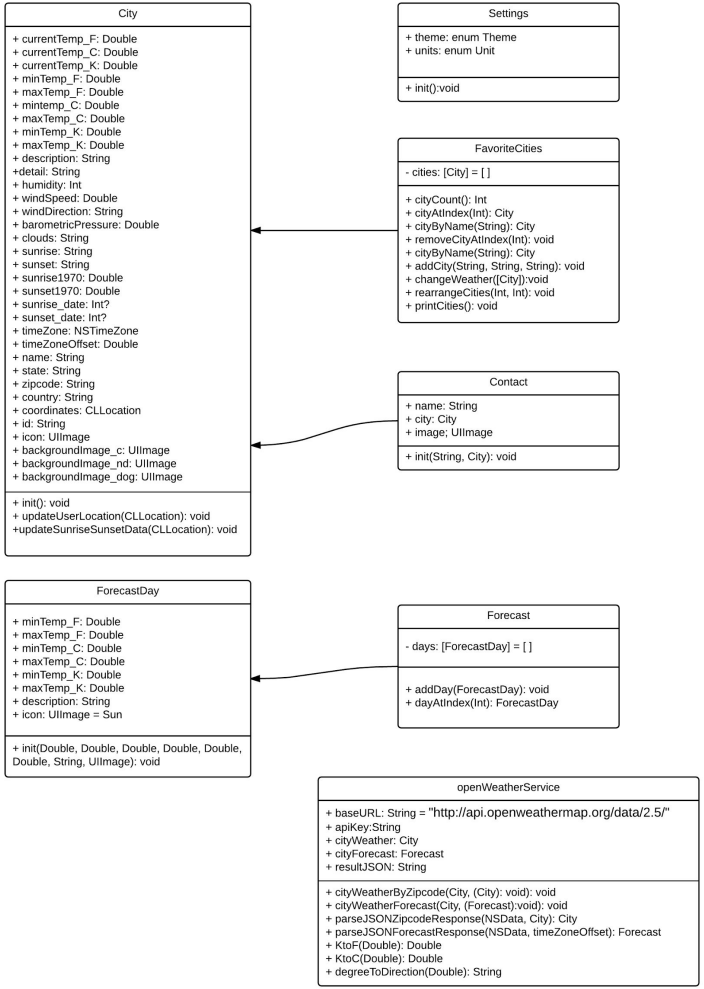
Dogs, Celsius

Notre Dame, Kelvin



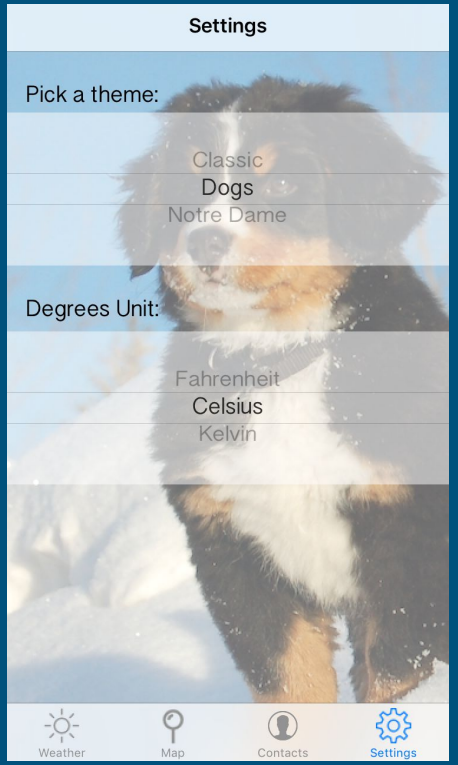
Class Design

- 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?