

Design a simple weather app that will display the current weather and predicted weather of the coming days of the week. Use the most efficient/scalable design patterns to accomplish this task. In other words, if I decided to add a new feature (say, I want to display hourly weather) how can I accomplish this with very little to no modification of existing code, but creating new files for the feature and it will just work.

Use the following API link to get it to work:

[https://api.darksky.net/forecast/
1937bd4b1b2b69fde2f5eaeae0b5a5f0/37.8267,-122.4233](https://api.darksky.net/forecast/1937bd4b1b2b69fde2f5eaeae0b5a5f0/37.8267,-122.4233)

You are not expected to use any location services, though you can if you'd like.

Dark Sky API Documentation

<https://darksky.net/dev/docs>