Refactoring Diagram

Weather Search App

App.vue

CitySearch.vue

CurrentWeather.vue

Forecast.vue

WeatherConditions.vue

WeatherSummary.vue

ErrorList.vue

/common/API.js
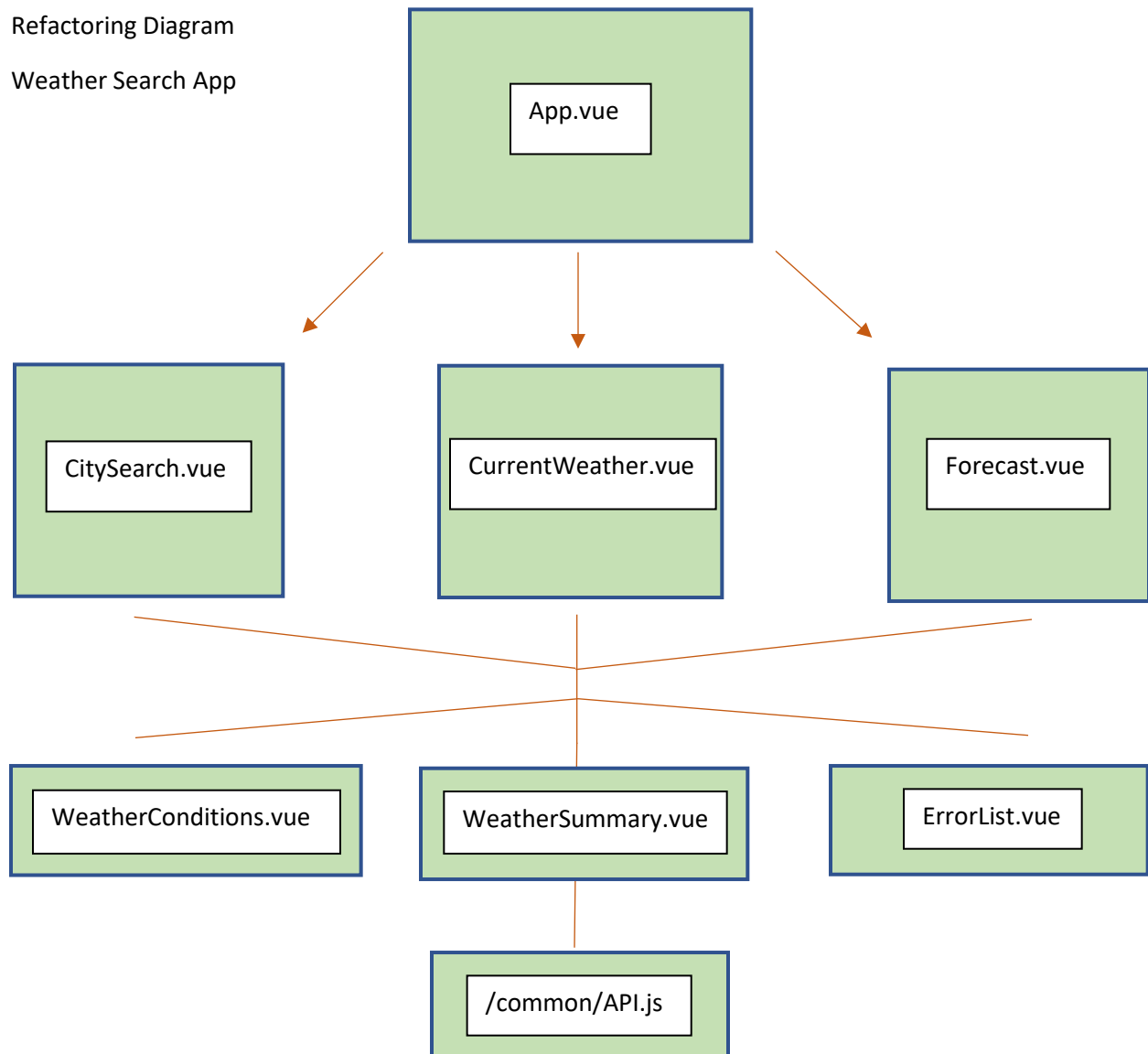
The App is broken out into three components: CitySearch, CurrentWeather, and Forecast. CitySearch is the Home page with a router link to CurrentWeather, which then links to Forecast and back to the Home page.

Within each of these three components, it was discovered that there was a lot of common code. This code was abstracted into four child components: WeatherConditions (the icon image and description), WeatherSummary (the dl/dt list of humidity and temps), ErrorList (handles the loop of API errors, if any are present), and the API URL base and key was added into its own JS file in a /common/ directory. Each child component is present within each of the three parent components.

There were also many common CSS elements; those were added to App.vue.