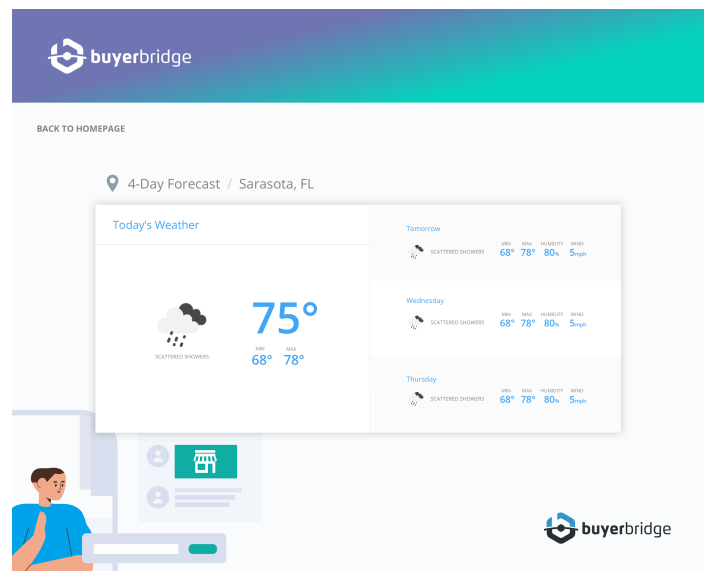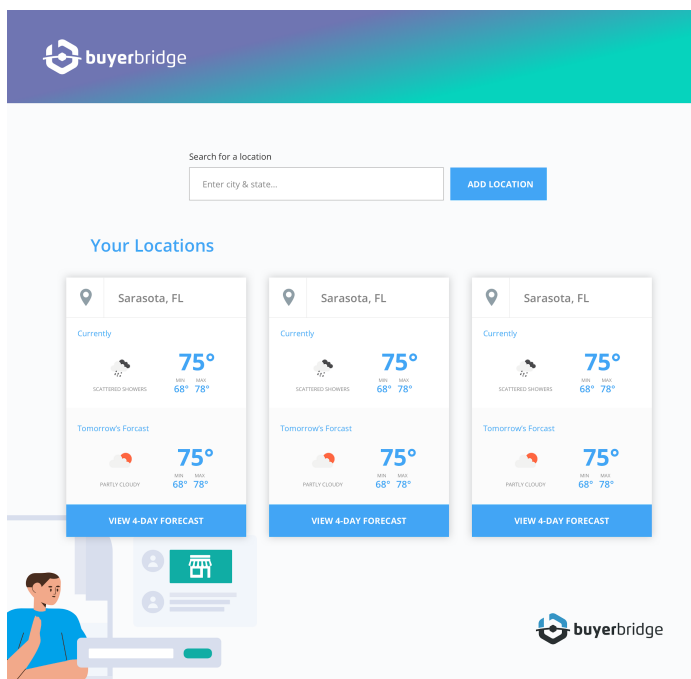# Vue Developer Exercise

BuyerBridge Product Team

This exercise has been designed to ensure new candidates for the BuyerBridge product team have the skills necessary to complete typical day-to-day tasks of someone in the role of a Frontend Vue Developer.

Overview

You will be assembling a new Vue application using Vue 3 and the Vue CLI provisioning framework. To consider this exercise successfully completed you will need to ensure all of the requirements below are met. These requirements refer to the design comps supplied here which will need to be built in a responsive (desktop & mobile focused) format.

Requirements

- Set up a standard Vue 3 app using Vue CLI

- Set up an OpenWeather API account which will be required for all weather-related data in the designs

- Setup the Vue routing system and Implement the two designs in Sketch across two routes: home `/` & location `/location/{id}` (sharing the header/footer across the app)

- Reference the hosted files in Sketch cloud for any design-specific details (e.g. fonts, colors, graphics, etc) and utilize scoped SCSS within each component for the implementation

- From the homepage, search the entered location on the OpenWeather API to retrieve today & tomorrow's forecast

- Create a Vuex store to keep track of searched locations

- When the user clicks through a searched location from the homepage link them to the detail page showing the forecast for the next 4 days from the OpenWeather API

- The parameter on the route should control what previously searched location is brought up on the location detail page

Related Notes

- For mobile, there's flexibility in the approach. It doesn't need to be perfect. Just ensure that content stacks properly and everything resizes according to the device's size.

- All tasks above can be achieved with a "Free" tier OpenWeather API account

- There is no data in the designs that would need to come from anywhere other than the OpenWeather API. The Sketch design will have the remaining static data.