Destination Core Technical Challenge

Step 1: Initial Startup Phase (The Basics)

- Starting things off for the challenge I had a look through the provided Documentation for the challenge.
- I took note of several key points for the brief which were
    1. The to make the user experience as personal as possible.
    2. Make the content across the site easy to find.
    3. To create clear rationale for any thoughts and assumptions I had for the project.

Step 2: Assumptions and planning

Initially I am thinking for the site to make a Vue spa as not only have I started learning the basics for Vue but I think it would be a great learning opportunity.

However, the directory listing page I would want to potentially categorize the various businesses into groups for easier functionality and allow for it to be alphabetically sorted.
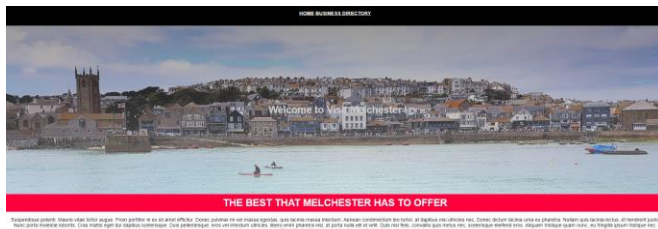
Finally, the last change I would want to make is in the directory landing page where I would move the map used for some business to below the about information section.

I also have assumed that I will not need to set up a server for the project due to fact that this challenge is for a frontend developer role and the time needed for setting up a server could be spent instead on styling and additional features.

Step 3: Preparation, Failures and Steppingstones

To Start I installed Vue-cli, Vue-router, Sass and Js node into the project for the basic set up of the project. I also made sure to set up Git for the directory, Npm for testing and Axios for the get requests.

After several hours into the task, I realized I had made a vital mistake which was instead of using the provided homepage API, so I had to scrap the work I had already done and start over. Thankfully not from scratch which was a massive help.

← A screenshot of the progress for the homepage before having to start the project over.

Step 4: A fresh start

With the directory back to its basics I set to sorting out the necessary APIs first which in my mind were the homepage, the directory and corresponding landing page respectively.

But first that meant to sort out the various route paths for the navigation. This meant structuring the Vue router links and importing the page components into the sites main Js file.

Using an Axios get request I was able to assign it to my info object and then I was able to call the various parts of my new object for the rest of the homepage. With the homepages skeleton now formed I moved over to the business directory as the methodology for the two pages are basically the same.

Step 5: The power of APIs

(Mention using json url and how it was implemented here)

Step 6: Styling and media queries.

(Explain color choice and layout changes here)

To dos if I had more time:

1. Fix opening times text section on directory landing.
2. Add the navigation Api for the site's top navigation.
3. Add drop down category menu for business directory link in top navigation.
4. Add search bar functionality on business directory page.
5. Add category selection section at top of business directory page for ease of use.
6. Add alphabetized link list for both categorized and global business links.
7. Add more like this section for directory landing page.
8. Add events page with upcoming events section.
9. Add actual offers page as well as offers cards on homepage.
10. Add footer for site.
11. Set up functional server code for eventual hosting.
12. Finish this text document.

Adventure Zone   Entertainment

<p>Melchester's No 1 family attraction has over 50 rides for all ages, from awesome roller coasters to splash-making water slides and rapids. A day ticket gives you unlimited access to all the rides and there are fantastic discounts for groups. The on-site café serves burgers, ribs, hot dogs, shakes and soft drinks, and the amusement arcade has traditional slot machines plus high-tech computer games.</p>

view

Asia Spice   Food & Drink

<p>Get an authentic taste of the Far East at this super-stylish Asian-fusion restaurant and bar. The menu features classics from China, Thailand and Indonesia, as well as inspirational dishes combining exotic Eastern ingredients with Western cooking techniques using locally sourced meat and fish. Open every day from 12pm until late.
</p>

view

Barton's Wharf

<p>With an eclectic mix of independent retailers, Barton's Wharf is the place to pick up an unusual gift, a quirky ornament for your home or some tasty artisan foodstuffs. With outlets housed in a row of former boatsheds, it's right next to the promenade on the seafront road. Residents include Sally's Soaps and Candles, Home Ideas, The Melchester Chocolate Shop and Ben's Bike Store.</p>

view

Bean Feast   Food & Drink

<p>Let our expert baristas make you the best coffee you've ever had. From a kick-ass espresso to a rich, velvety latte, we use freshly-ground beans from the world's top growers to create an enticing menu of sensational ways to enjoy your favourite caffeine fix. We're right in Melchester town centre. Drop in for a quick coffee break or meet up with friends for a chat over a cup of java and a cake or pastry.</p>

Bella Italia   Food & Drink

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi vel est molestie libero pellentesque imperdiet. Interdum et malesuada fames ac ante ipsum primis in faucibus. Aenean tristique, arcu in gravida ultricies, mauris sapien faucibus dui, eget rutrum purus enim ultricies nulla. Nulla consequat euismod egestas. Curabitur sed libero pretium, sodales purus ac, finibus ipsum. Aliquam ut arcu elit. Suspendisse eu augue ac eros dapibus dignissim vitae sed odio. Praesent lacinia

Bellagio   Food & Drink

<p>Curated by local celebrity chef Josh Dryden (TV's Mediterranean Magic and Dryden's Italian Journey), this award-winning destination eatery serves up a mouth-watering menu of dishes inspired by the cooking of Northern Italy. It also has one of Melchester's best wine cellars, with vintages sourced direct from small, independent vineyards.</p>

Adventure Zone
Category: Entertainment

<p>Melchester's No 1 family attraction has over 50 rides for all ages, from awesome roller coasters to splash-making water slides and rapids. A day ticket gives you unlimited access to all the rides and there are fantastic discounts for groups. The on-site café serves burgers, ribs, hot dogs, shakes and soft drinks, and the amusement arcade has traditional slot machines plus high-tech computer games.</p>

view

Asia Spice
Category: Food & Drink

<p>Get an authentic taste of the Far East at this super-stylish Asian-fusion restaurant and bar. The menu features classics from China, Thailand and Indonesia, as well as inspirational dishes combining exotic Eastern ingredients with Western cooking techniques using locally sourced meat and fish. Open every day from 12pm until late.
</p>

view

Barton's Wharf
Category:

<p>With an eclectic mix of independent retailers, Barton's Wharf is the place to pick up an unusual gift, a quirky ornament for your home or some tasty artisan foodstuffs. With outlets housed in a row of former boatsheds, it's right next to the promenade on the seafront road. Residents include Sally's Soaps and Candles, Home Ideas, The Melchester Chocolate Shop and Ben's Bike Store.</p>

view

Bean Feast
Category: Food & Drink

Bella Italia
Category: Food & Drink

Bellagio
Category: Food & Drink

(Images to be used in styling section)