

Part 1

The purpose of my website is to guide users through a market tour in the city of Madrid. Since I lived in Madrid for two years, I wanted to share my favorite market experiences in an interactive way for tourists interested in exploring the city. The guide is intended as a half-day itinerary for users who will be visiting Madrid and want to plan their trip. The website maps out the walking distance between each market, allowing users to see both the full estimated walking distance (1 hour, 20 minutes) and the amount of time it will take to get from one to the next.

Each card has some basic information about the markets which they'll need to know (hours and location), as well as recommended food and drinks to get along the way. The goal here is to not only share information about the markets, but to provide more of a curated guide for how users might structure their day. These markets are a rich part of the cultural experience in Madrid, and I wanted to make this accessible and engaging. Rather than searching for "best markets" or "what to do" when planning their trip, users have one of their days mapped out for them with the top five markets, recommendations at each, and a path for traveling between them.

Part 2

- Mouse over locations above the city illustration
 - This is a standard web page interaction
 - Hovering over each location name indicates the intended path between them by showing an arrow. After hovering, the arrow disappears, and moves as the user moves between each
- Clicking on locations above the city illustration
 - This is a standard web page interaction
 - Clicking on each location name will make the page scroll down to the matching card. This will give the user more information about the desired market without having to scroll through them all
- Mouse over card images
 - This is a standard web page interaction
 - Hovering over the images on each card fades the image and displays text. This allows users to get more information than the basic details provided on the left
- Imbedded map
 - This is a standard web page interaction
 - Clicking into the map allows users to get situated within the city when using the guide to get around. Addresses are provided for each location, but this helps them contextualize it more while planning

Part 3

i. JavaScript library: jQuery

ii. I chose to use jQuery because it's a simple library with lots of online resources. I also wanted something that would help me add animation.

- iii. I mainly used jQuery to implement animated scrolling and simulate text animation.
- iv. This added to the website by making the interactions richer. Rather than having to scroll through the whole page to get information about one market, the animated scrolling allows users to access that information more quickly. The text animation also makes the page feel more dynamic and engaging for users.

Part 4

I iterated on my HW7 mockups by changing the design, but not the concept. I kept the interactive scroll idea and interaction with the card. However, I wanted to get across the idea of the path without users having to use the embedded map, so I added the image at the top to get that across.

Part 5

I had some challenges with the text animation because the way the `setTimeout()` function works in Javascript makes it difficult to have a pause between events executed. To work through this, I removed it from the for loop and added manual incrementing as it's being called.