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Assignment 8 write-up

Part 1: project description

The purpose of the website is to inform the audience regarding wine foundations. It's targeted toward people who aren't as familiar with wine so it starts with the six international grape varieties that consistently make great wine.

The website breaks down the basic information about a wine -- the flavor profile, the region, and the most popular pairing. I chose those three areas based on user needs. When people drink wine, they might not know how to talk about the wine, the flavor profile gives them keywords to talk about the specific wine. I chose region as one of the topics since most wine shops are broken down by region so that when people want to buy a specific type of wine, they know the top producers of that wine. Usually, when wine is drunk, it's paired with food, therefore I included the common food pairing for each grape variety.

To keep the website interesting and engaging, I used simple colors, graphics, and animation. To make the website aesthetically pleasing, I chose to use a simple color scheme that was representative of the subject. I used a deep red as the main color for red wine, an orchard-yellow as the main color for white wine, and lilac-pink as the color for the home page and the color that tied the different pages together. To further make the pages consistent, I purposely designed with graphics for images. Finally, I used animation to attract users' attention to the key parts of each page. For instance, for the pairing tab in a wine details page, food falls down onto the plate to add playfulness to the website.

Part 2: website interactions
- On the front page, hover on the wine bottles to start the "wine party"
    - Interaction type: standard web page
    - Use case: hover over the image to initiate infinite bounce animation
- On a wine details page, click on tab "Flavor Profile" to see the flavors and grapes fall
    - Interaction type: standard web page
    - Use case: click on tab to initiate falling animation on load
- On a wine details page, click on the tab "Top Producers" to see the top 3 countries pop up
    - Interaction type: standard web page
    - Use case: click on tab to initiate word fade in on load
- On a wine details page, click on the tab "Pairing" to see the food fall onto the plate
    - Interaction type: standard web page
    - Use case: click on tab to initiate falling animation

Part 3: external tools
- boostrap.js
    - I chose this JavaScript library because it helps with making the website responsive.
    - I used bootstrap for the general page layout.
    - bootstrap adds to the website by making it more friendly for different browser sizes.
- p5.js

- ○ I chose p5 because it's a more accessible JavaScript library for designers and could do more complicated animations.
- ○ I used p5 for the circles (grapes) that dropped down in random patterns on the flavor profile tab.
- ○ P5 adds to the website by adding more of a fun and unpredictable element with the randomized grape droplets.
  - ● Animate.css
    - ○ I chose animate.css because it was relatively easy to use for adding simple animation elements.
    - ○ I used animate.css (along with a little JQuery) for the bottle bounce on the front page, the fade-in of the flavor profile words, the region words and the pairing food.
    - ○ Animate.css helps attract attention to the key content and adds a fun element to the website.

Part 4: Iterations

In my original mockup, I had only pairings listed as part of each of the wine details. I decided to add the flavor profile and the region to make the content more robust. After feedback from the lab demo regarding some text colors being hard to read, I added a white background to the lilac-pink text.

Part 5: Challenges

The first challenge I experienced was discovering and understanding which library would be applicable to my website since there is a large range of packages. I had to do research and ask my fellow classmates to narrow down the ones I wanted to use. Another challenge I faced was figuring out how to override the bootstrap CSS. I eventually figured it out through Googling.