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November 30, 2018

Part 1

The purpose of the website is to introduce the basics of tarot cards. The website contains information about the history, types of cards and spreads, and steps to try reading tarot cards. Also, the 'card' page contains information about each Major Arcana cards. Each card contains keywords, and possibly the user's current feelings or situations.

This can better align with the whole concept of the mysterious and spiritual tarot cards. Various animations and features contribute to make the website interesting. The <u>Home</u> page uses the scroll animation to progressive disclose information about the tarot cards. The website also has a separate <u>Card</u> page to choose and flip a card, which can also be clicked to learn more details about each card on a separate modal (pop-up) page. This feature provides interactive and direct feedback that can ultimately contribute to the user engagement and learning experience. For the design, I used a dynamic color palette: purple, pink, and beige to create a fluorescent and mysterious atmosphere. I created some of the visual contents for the <u>Home</u> page, and also edited the design of the card's back side to make sure the whole design is consistent.

The website is targeted for people who have heard about tarot cards but did not get the chance to learn and play. The website aims to motivate more people to become more informed and interested in playing the tarot cards in the future.

Part 2

- Animate on scroll. Scroll down on the <u>Home</u> page to view each card.
- Hover effect on 'Play' button. Hover on Play button on the <u>Home</u> page to start playing right away
- Flipping a card. Hover on the card on <u>Card</u> page.
- A modal (pop-up) page. Click the flipped card on <u>Card</u> page.

Part 3

- Bootstrap
  - I chose the Bootstrap template because it offers a grid layout system and responsive website with less CSS functionality. I thought that using the built block of code would be faster than structuring code from the scratch. Also, the same grid system throughout different pages and elements helps me to better remember them and use them consistently.
  - I downloaded different Bootstrap templates online to try different designs and create the basic structures. I also looked at different Bootstrap templates and the website to better understand how to use the tool.
  - The website now has a grid layout that dynamically adjusts to the screen size. Because Bootstrap significantly reduced my time spent working on the layout, I could spend more time on the design of the website and the content.

CODEPEN
- CSS Animation (Codepen) for flipping a card:
  - I chose the because it was easily accessible and had the simple animation that I wanted. I could quickly understand the code because it was based on HTML and CSS.
  - I copied and pasted the code to test if it could be properly used in my existing files. Then, I adjusted the 'front' and 'back' to insert the images. I also deleted some classes such as 'back-title' and 'back-logo' that were not necessary for my design.
- Scroll animation - CSS and Jquery (Codepen)
  - I chose this because I thought it was simple and easy to use. I also like that the code included multiple animations that I could explore.
  - After selecting a few effect I was interested, I put the code in HTML, CSS, and Jquery files (Index.html, main.css, main.js). I then put the class 'animatable fadeInDown' on each of the card I wanted to fade-in as a scroll down animation.
  - This adds to the interactivity of the website. The scroll down animation is effective in progressively disclosing the information so that the readers can pay attention to the presented card without distractions.

Part 4.

I changed the original design because I did yet have a refined portfolio content yet and I also wanted to narrow down the scope of the project. I wanted to work on a more interesting topic with unique interactions I would not otherwise have a chance to code in the future. As a result of the change, I could try new animations such as flipping or showing a modal page.

Part 5.

The Card page was the most challenging for me because there were 22 cards in total thus 22 pop-up pages with descriptions. The first challenge was to align them correctly and to use media queries to change their sizes based on the size of the screen. Another challenge was to make the modal page with different information for each card. I used Javascript's key concepts like 'arrays' for each card to call different information.