Assignment 8
PUI Fall 2019
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Section A

Website link: https://pomelofrost.github.io/PUI_2019/final/index.html
Repository: https://github.com/pomelofrost/PUI_2019/tree/gh-pages/final

Introduction

In the past, passing on our possessions simply meant handing over a paper will and our properties. In this digital era, we now own so many valuable belongings with intangible forms. However, most people are unfamiliar with the concept of digital legacy. The lack of awareness and management plans may cause valuable data loss, identity fraud, and breach of privacy. Inconsistent policy information and unreliable plan execution make it difficult for people to start taking initiative. Thus, the purpose of building Digiwise is to help people manage their digital assets and plan their legacies in a faster and easier way. In this website, options to manage social media accounts based on the policies of each platform is provided to the users. Users are asked to select an action towards managing the digital assets and assign it to a legacy contact. The overall flow of Digiwise is designed to be intuitive so users can make decisions with less interference of unnecessary information. The interaction can be very engaging as it challenges users to think through their plan and make responsible decisions. The target audience is people who are present on social media platforms and digital assets and not aware of the importance of their digital legacy.

How to interact with the website
- Enter index.html
- Click "Get Started"
- Select all assets that you want to manage (select as many as possible)
- Enter legacy contacts. One contact is required to move on to the next section
- Click "next" once it turns blue
- You will get to a dashboard where you may see all the assets you selected before

For each asset:
- Click on the asset card to view the plan options
- For each plan, you will need to select an action and assign it to a legacy contact
- Once finished, select "Submit" and the form will be locked. To edit again, click "edit"
- Click "Back" to go back to the dashboard
- Repeat the steps above for each asset

After finish planning ALL ASSETS
- Click "Finish"
- You will see the plan generated for you
- Once you click "Back to Home", all local storage will be cleared

Additional features for desktop only:
- On the nav bar there are two options: "Dashboard" and "View Current Plan"

- "Dashboard" will lead you back to the dashboard no matter what page you are currently on
- "View Current Plan" will show you the generated plan even if you haven't finish planning all assets

Tools used:
- Bootstrap:
  I used Bootstrap because it has some built-in form functions that is helpful to build parts like legacy contact inputs. The built-in styling for the 12-column grid helped style the web application and navbar. It was also helpful for adding responsiveness to the website. It made my code more concise on the backend, and made it more stable in general on the frontend.
- JQuery (marquee animation)
  I used a little bit of Jquery for creating the marquee animation on the homepage. The built-in marquee tag had limitations such as not being able to loop infinitely. Therefore, I used Jquery to create an infinite loop.

Changes from HW7 Mockups
The biggest changes I made since HW7 was regarding responsiveness. Some features I included in the original prototype did not take mobile web into consideration (for example, pop-up modals) so I optimized the website based on the mobile version.

Challenges
Since my website was heavy in the Javascript end, I spent a long time making DOM work and making sure it is stable for storing a lot of data. Another challenge was responsiveness. Since I originally had a complicated grid layout for desktop, I found it hard to translate into mobile screen sizes, therefore, I had to modify my design.