Part 1

For the final project, I created a portfolio website that displays my UX design and video works. The purpose of the website is to show my work process and documentation to the recruiters and demonstrate my basic coding skills. To make my website more interesting or engaging, I added a typewriter effect on the banner section of the homepage. The words are automatically typed, deleted, and typed again to show different facts about myself. As mentioned above, my target audiences are future recruiters.

Part 2

- Lightbox
  - Instructing. Lightbox allows users to expand small images on click for a better view.
  - Lightboxes are used mostly in the "Artie" project documentation page. Click on any images that cast a bow shadow when hovered. For a series of images, you can click the right half of the image to view the next one.
- Tab
  - Instructing. It helps users view content in a more organized manner.
  - On the homepage, there are two tabs: UX and Video. Click on these buttons to see different types of projects.
- Modal
  - Instructing. Allows for efficient user interaction by opening contents on the same page.
  - Clicking the button on each card in the video section leads to different video projects.
- Transition on hover
  - Instructing. Helps users figure out which element is clickable and which is not.
  - Hover over any cards in the tab content or any lightbox images on the project details page.

Part 3

- Bootstrap 4.3.1, Lightbox.js
- Bootstrap seemed like the most efficient device to make my website responsive. Because my website contains many images that need to be reviewed closely, having a lightbox feature seemed like an ample choice.

- For Bootstrap, I followed the instructions documented on its main website. I first imported the CDN and then used various classes to improve the responsiveness of my website. For Lightbox, I had to download the full package on Github and follow the instructions there.
- Bootstrap makes my website compatible with all kinds of devices. Lightbox improves the user experience for audiences who wish to take a better look at the images.

Part 4

The overall design is very similar to the mockups I made in homework 7. However, a lot of the details were modified and changed, such as the fonts, colors, shape of cards, and grid structure. Additionally, the text content for individual project documentation changed as I was not satisfied with the original documentation.

Part 5

One minor issue I had was overriding the original Bootstrap CSS style. I also had another problem implementing the typewriter effect for the homepage banner because Typed.js and Typewriter.js libraries did not seem to work in my situation. I ended up using vanilla javascript instead because all the libraries I tried to use did not work.