1. **PART 1:**

My website is a personal portfolio that contains all my projects and previous work. Through the website, I want to be able to tell the stories of each of my projects. Every project has many different facets to it and through individual project pages I want the reader to know about my work in a concise way. I also want to be able to give an introduction about myself so that viewers can know me better and get a good idea about my competency and past experiences in design, research, and entrepreneurship. The website is engaging because it show the minimum amount of words that need to be consumed by the viewer to understand the project. There are also many animations that make the website more interactive. The intended audience is potential employers and co-workers.

1. **PART 2:** 
   1. The interaction that I implemented is that you can see my resume and projects by navigating to those pages. The projects page contains a way to filter projects according to their type.
   2. You can click on any link on the website. Other than on the home page, use the hamburger menu to navigate to any page. On the projects page, hover over the project boxes to learn more and click on them if you wish to see the project.
2. **PART 3:**

CSS animations:

* 1. I chose this because it was a good way to slide elements in and out of the web page. These animations were simple to use and had clear documentation on how to use them.
  2. I used these animations in many elements of the website: transform and translate for the menu, changing the shape of the menu button, and faded hovering effects on the projects page.
  3. This adds interactivity and moving elements to the website.

jQuery animations:

1. These animations were better for the filtering function of the projects page because it was used in conjunction with finding elements using jquery. I used these because it made the filtering process look less sudden.
2. I used this for the fade-in and fade-out effects in the filtering of elements on the projects page. This was added to many elements for every filtering event so that there is an effect of tiles.
3. It adds more aesthetic value and ease of consumption to changes happening on the web page.
4. **PART 4:**

My mockups in hw 7 were quite plain with simple animations so this iteration consists of more complicated animations so that there is more activity. The branding of the website is more towards a black tone of colors in this iteration. Moreover, the layout of the projects page has been changed to make it more interactive and palpable.

1. **PART 5:**

The biggest challenge that I faced was implementing the javascript code and css animations for the menu of the website. Since it is an overlay, I had to add conditions for the visibility of the menu so that it works properly. I also had a problem selecting individual elements for this function which I solved using the querySelector and querySelectorAll functions. Finally, another challenging part was to make the pages responsive, which I achieved using the css grid and media queries in the css of the files.

Bibliography:

* Filtering items using jquery: <https://stackoverflow.com/questions/16791413/filtering-multiple-items-by-data-cat>
* Css transform animations: <https://www.w3schools.com/cssref/css3_pr_transform.asp>
* Css animations for grains: <https://www.w3schools.com/css/css3_animations.asp>
* Css grid: <https://www.w3schools.com/css/css_rwd_grid.asp>
* jQuery animations API documentation: <http://api.jquery.com/category/effects/>
* Contact form: https://www.w3schools.com/howto/howto\_css\_contact\_form.asp