

Assignment 8 Writeup  
Fengyi Zhang

The website is hosted at <https://zfengyi.github.io/>

**Part 1:**

The website is a portfolio to showcase the recent work, and receive feedbacks from visitors. I want to present what I am doing (San Juan Island Display) and what my skillset is. The target audience will be the colleagues, peers, and company HRs.

The website provides a rating option under each project, and an easy contact form for visitors. There is an automatic slideshow on the homepage, featuring a welcome page, my most recent project, and access to contact form.

Projects are categorized into two kinds, which is reflected by the submenu of top right "Project" Button. Below in the project section, a mouse hover on the image would show the relevant skills used, and there is also a back to top option.

Overall, the website has a nice and neat design, which allows busy HRs to quickly find their target information.

**Part2:**

*For Homepage:*

- a. Hover on top right "Project", submenu will show, with a small animation. The opacity and color of the options will also change to give feedback.
- b. Click on the left/right signs of the slideshow, the slide will then move. It will also move automatically, and the page indicator will change correspondingly.
- c. Scroll down to the User Experience projects row (or by clicking "UX" under the "Project" on navbar), hover on the images, will see the title and skills of each project.
- d. Scroll to the bottom, click back to top.

*For San Juan Island Project page:*

- a. Access to project page by clicking the second slide show "learn more", or by clicking "view details" of the featuring projects, or by clicking the image of San Juan display.
- b. Play the video.
- c. Leave star ratings in the bottom section. (Star icons can't load on GitHub.io, but would be fine if the raw file is opened directly.) Hover the mouse on stars, and they will become yellow. Keep hovering, to see "Pretty good - 4stars". Click on a certain star to set the score.

*For Contact page:*

- a. Will see a map.*
- b. Fill in the name and then submit, error message will show.*
- c. Complete three blanks and submit.*

**Part3:**

- a. I use smooth animations to create enjoyable experience. They appear in navbar submenu and slide show.
- b. I use Google Map and Youtube API, to display data easily, and save the storage of my server.
- c. Popper JS library helps with the popper, and Bootstrap helps with the responsive design.

**Part4:**

On top of HW7, I add a featured project row above other categories, because busy HRs usually only open two projects, and it would be nice if I recommend the best two for them.

Also I maximize the text labels (User Experience) and minimized the grid space for the project image, since I only have few projects to show now.

**Part5:**

Some smooth and simple animations are actually hard to implement. For instance, I wanted to create an elastic movement between different divs, and there was a lot of bugs.