Assignment 8 – Prototyping your Final Project
Web Portfolio

Jai Sawkar

05-430 | Section A

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Part 1
What I Built

For my final PUI Project, I designed & built an online portfolio for my friend and fellow designer, Mohammed Rahman. Mohammed is rising 4th Year Architecture student and is not pleased with his current online portfolio. My goal through this project was to create a website that expresses Mohammed's style while showcasing his work. Similar to his work, Mohammed enjoys a "modern-minimal" theme, and I strove to express this desire through a flat, dynamic design. I used subtle movement to encourage action, such as hover states, visual hierarchy, and progress bars, all in an effort to allow Mohammad's work to be the spotlight of the site. The target audience for this website is other architecture students, professionals, as well as architectural recruiters.

Part 2

Interactions

The following is the interaction process I designed Users to follow, more or less:

1. **Start at the index.html page**. From here, they can look at a curt description of Mohammed, a link to his me.html page, as well as a selected list of featured works. Through hoverstates and link-characteristics, users are able to know & understand what aspects of the page are clickable, **such as "<u>Mohammed</u>", "<u>Work</u>", "<u>Me</u>", or any of the Featured Works Thumbnails**.

2. **Navigate to the me.html page by clicking either "<u>Me</u>" or "<u>Mohammed</u>" on the homepage/index.html** to learn more about Mohammed.

3. **Navigate to the work.html page by clicking "<u>Work</u>" on the Nav bar** to see all of Mohammed's works

4   Navigate to the ELC.html page by clicking "<u>Environmental Learning Center</u>" from the **"<u>Work</u>" page or from the "<u>Home</u>" page** to see this project

Part 3
What I Used

I. Bootstrap

II. Originally, I planned on creating this site through plain vanilla, HTML/CSS. If I am honest, I was initially daunted by Bootstrap, and decided this initially because of this. However, after some tinkering, I found that taking the time to better learn Bootstrap and thus, implement it in my site would be less frustrating and more time-consuming for me to do.

III. I initially used bootstrap to help define the responsiveness of the site through its 12-collumn grid system. However, soon after, I tinkered with its Card Components to create a susinct set of thumbnails. I also used to create a sticky navbar.

IV. Through this implementation, I was able to build a site that not only works on both desktop and mobile, but one that creates and informative, exciting, and pleasurable experience for the future users of the site.

Part 4
How I Iterated

An interesting aspect of undergoing the construction process of a design for the first time was iterating on the prototype on the fly. Initially not aiming to change my design for the prototype all too much, I did end up changing design of the positioning of my inner-thumnbail elements in my final prototype. More interestingly, through coding the site, I began to find new features that would be helpful additions to the site, such as the included global sticky nav and a scroll-to-top animation/ implementation on the "Environmental Learning Center" page in the final prototype.

Part 5

What Challenges I Faced

During the project, I faced one main challenge early on in regard to creating the thumbnails; in initial attempts, I tried to mix the Bootstrap Grid system with my own HTML/CSS components in order to achieve my desired result. After taking some time to re access my strategy, I was able to play around and customize Bootstrap's Card components to achieve my desired result.

Git Prototype Link

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