Project 5 – Project Portal

The Project

To begin the project, I needed to find a Bootstrap ready template to start from. I had a vague idea that I wanted each project link to be on a card with a picture and description of the project. I started my search for the template I was going to use at startbootstrap.com and I found a template that matched exactly what I needed. The Heroic Features template had a set up with four cards that had a picture and description on each card and a button that would link to somewhere. One I found the template that I wanted to use the process was largely trivial. I changed the descriptions and the links to match projects 1-4 and created a description and header at the top of the page. I found the images that I used on unsplash.com, which is a resource that provides free images for commercial and personal use without attribution requirements. The only difficulty that I ran into while creating the portal was the large header image. This image was giving me difficulty because it looked awkward when the page was viewed on a mobile device. To fix this issue I made the image responsive using a Bootstrap class called img-fluid. Additionally, a Bootstrap feature that I tried in this project that I have not used before was the cards. I read through references on Bootstrap card containers and learned that the feature had many options and that it could be customized extensively. I ended up modifying the cards to include list groups, which gave the cards a more complex look. Once I was completely done with the project development, I tested the page on Microsoft Edge, Safari, and Chrome. The web page functioned exactly the same on all three browsers, which implies (although it does not guarantee) that it would likely be consistent across many browsers. Finally, I checked the HTML with a validator from w3.org. The result was that the HTML was error free, so I saved the project on brackets and uploaded it to the LAMP server.

Final Thoughts

Overall, this project summed up this course very well. The class started with project zero, which was a very basic HTML only version of the portal. Then, after completing projects with HTML, CSS, Bootstrap, JavaScript, and jQuery the course concludes where it began: at the portal page. Looking back my progress through this course is very clear through this portal page. This progression of learning and experience can clearly be seen looking back at the projects. Project five itself was not very complicated and did not require us to practice anything new, but it was very helpful. This is because it gave me a chance to practice more with using Bootstrap and to look back at what I have learned and reflect. Additionally, at this point I feel very comfortable using Bootstrap, HTML, and CSS, which made this final project a chance to explore. While I was completing the project, I read through references to look for other aspects

Matthew Acs

of HTML and Bootstrap that I did not know about before. The card container and jumbotron were two of these aspects that I decided to try out on the web page, but the jumbotron did not make it to the final version.