General Report:

Mag Comic Expo Web App

by

the Superhero Team

(2/7/23)

This was few days after the initial meeting to meet the clients, teams were announced, projects assigned, and a chatroom was made on Microsoft Teams by a member of the Superhero Team. After that, planning began, and several documents were made where we began to jot down ideas for the web application. The first thing we wanted to get squared away was the idea for the Home Page as that would get the ball rolling when other pages were made. A mixture of Bootstrap 5 and CSS were used to design and build all the web pages in the application because Bootstrap has media queries installed and can help make responsive web pages by utilizing their built-in plugins that work well with backend languages such as JavaScript and PHP. We did all this leading up to the first check-in.

(2/13/23)

This was the due date of our first Check-in. Its feedback helped us understand that we needed to put our primary focus on the client’s needs for the web application. So, I developed a questionnaire that we all contributed to until we felt it was time to submit it to the client for review. It was a long while before we heard anything back from them. So, we went back to our first meetings transcripts and began working off what we were told there. It was around this time that I began experimenting with image sliders to add on both the Home Page and Image Gallery before developing a working prototype. We did more planning, and I began to work on a mockup of the Home Page that would set off creating the rest of the pages. We did all this until the second check-in.

(2/27/23)

It was a few days after the second check-in, but I had finally managed to finish the mockup design of the Home Page. After that, I immediately began working on the next page, the Blog Page. Another superhero then began looking into the backend of programming the Blog page while I began to work on an image carousel for the Gallery Page. It was during this time that we began implementing our previous ideas and gradually adding more to the web application, such as the Contact Page and the About US Page. Note, we had still not heard back from the client since the last check-in and were still working off what was said in our initial meeting. We continued to work and implement what was expected of the third check-in and I made sure to leave documented notes in each page’s folder to cover anything specific I may have worked on for that day.

(3/20/23)

Around the 23rd of March did we finally get a response back from the client regarding our earlier questionnaire which answered some of our questions. For example, they wanted a help desk feature and no vendor account registration, but a form reservation for table space only. They also mentioned wanting a page dedicated to their partners and I immediately began working on developing the Partners Page, a Map page, and their preferred color scheme for the web application as well as finishing up some touches regarding the About Us Page. I began to go through all the web pages and began to implement the colors mentioned into the web application. I then did some research on how to make certain elements feel more like the user is scrolling through a comic book. This resulted in several versions of several pages, but each were ultimately narrowed down to one. After that, I began working on the creating the layout of several forms including the help form, the sign-up form, and the table reservation form. It was also around this time that backend implementation began for the Blog Page and progress on that end is really coming along. This took up much of my time until the 4th check-in came around.

(4/14/23)

At this point, the look of the web application was complete other than previously mentioned images and text that will need to be replaced with the Expos. The web application is lacking most of its backend programming implementation for various functions. Such as a working Database, a functional security and sign-in feature, the ability to retain said information, and creating the account. The User Account page is the only one that remains unfinished in terms of code and cosmetic structure. These are all points I made when writing a Progress Report for the 4th check-in. Only ten days later came the final draft submission.

(4/24/23)

After reviewing the requirements for the final draft, my teammates and I discussed a few things and one of them volunteered to make a guided video tour of our web application while the other finishes the backend implementation for the Blog page which is almost fully ready. Meanwhile, I began just some general debugging throughout the web pages and made some edits to the color scheme so that the web application looks more uniform. In terms of deliverability of the web application, it can only be delivered in its raw, html format as the client never disclosed whether they would be buying a private domain or joining it with the PSTCC Servers in some way. However, the hyperlinks will take you to the other web pages excluding older versions of web pages and the user Account Page. It still there and will have to be opened via the html file, but it is not linked to anything. We have managed to build a working blog submission thanks to Brad. However, it’s very bare bones and will need some stylization in the future. At this point, we’re just putting some finishing touches on everything. Hopefully after that, we’ll have some time to finish more before the final project submission.

(4/30/23)

During this time, there was an attempt at adding stylization to the finished Blog Page. I attempted to give the barebone finished blog page some style to match the rest of the website starting with the navigation bar and the footer at the bottom of the page. However, I have had trouble testing it to see if the new implementation were working out as I have had trouble getting XAMMP to work properly for me. I have left the code in there for future developers to salvage it if they can at all.