Project Milestone 3

What features were completed?

The feature of our website that is currently completed is a clean uniform design format throughout all of the pages. The navigation bar represents all of the content for our website, and each option is linked. Our website is responsive with working links/beginning features. We have started to implement some starter code and are now working on making the site functional.

Completed Feature List:

1. A **Home Page** with some working sections and placeholder divs (HTML and CSS)
2. An **example of a Listing** (HTML and CSS)
3. A **Login page** which allows users to access the site (HTML and CSS)
4. A **Sign-Up page** with multiple fields and conditions (HTML, CSS and Javascript)
5. An **Account Settings page** with tabs and fields to change information (HTML and CSS)
6. One **integrated style sheet** which impacts all of our pages

7. A **completed file-structure system** on Github for our website and listing data
8. An **example database** for integrating with the site
9. A **plan to develop the database which will allow users to add their own listings**

What worked during the demo?

All of our pages had the main points/features that we wanted to focus on. The overview for each page is closely following our mockups, we just have to focus on smaller implementations of the specifics for each of the pages to meet our goal. All of our pages are linked together either by the navigation bar, hyperlinks, or forums.

Our Sign Up page especially is nearly fully operational, while the other pages may require some more javascript and more complicated HTML to get working.

What issues were faced either during the development or during the demo?

During the development of our project we had some issues with our CSS file. One person would add styling into the file specifically for their page, but it would affect the layout of the rest of the pages. We chose certain styles that we would want throughout all the pages and then added id tags to specify the other styles.

We also had an issue with merging our codes together. It would sometimes rid progress on github that was added by another. We decided that making individual branches would be a good solution for this problem and will be implemented.

There were some small technical issues with the password requirements javascript code. For the most part it worked, but there was an issue when you deleted characters of the string the requirements would not turn from green back to red.

As for the back end, Trevor and I(Giovanni) were not entirely sure how to work on the database on both of our devices at the same time, so the sql and other backend aspects were all done on Trevor's end while I was on a zoom call helping him along the way. We also struggled to move our database to a system where we could actually work with the tables and get sql output. However, lab 6 showed us how to do that through a docker.

What were the suggestions offered by the TA?

Going through our website our TA made a good point on how we need to include a way for the buyer to contact the seller. He also brought up the complication that might come with having both a buy button and make an offer button. There are also some technical difficulties with the registration javascript code with the password requirements that he suggested we have a plan going forward on how to fix that.

Individual contributions by each team member

In our group we split up into smaller teams. Nick, Spencer and Alex worked on the front end while Gio and Trevor worked on the back end. Nick focused on the Home Page and Registration Page. Spencer focused on the Listing Page and Settings Page. Alex worked on the Login page. We all worked together on the CSS file. Gio and Trevor worked collectively on creating a SQL database and developing a plan for organizing the data.

Nick, Spencer, and Alex - **Front End**

       Nick - **Sign Up Page, Home Page, CSS**

       Spencer - **Settings Page, Listing Page, CSS**

       Alex - **Login Page, CSS**

Gio and Trevor - **Back End**

       Gio - **User database creation and prototyping**

       Trevor - **Listing database creation and prototyping**

Architectural Design:

Diagram labels:
- Server
- Front End
- Back End
- Browser
- Pages / Views
- Bufflist Website
- PostgreSQL Database
- UI | HTML/CSS
- Functionality | Javascript
- Integration Layer | PHP
- Python API & Maintenance Code
- Account Verification
- Password Modules
- Recommended Posts
- Public API Google Maps API
- Student
- Alumni