EE / CprE / SE 491 Weekly Report 8

March 27th - April 2nd

Team 14

Project: Website Platform Migration

Client: John Stuifbergen, Buildertrend

Advisor: Dr. Judith Islam

Team Members:

Danh Hoang: Project Coordinator

Piper Ideker: Implementation and Component Designer.

Bryant David: Design and implementation

Chiran Subedi: Theme design

Weekly Summary:

We continued to work on our selected sites and frequently pushing the updates onto Flywheel to save our progress. We are all approaching the completion of our sites and will move onto the next set of sites soon.

Past Week Accomplishments (Team):

Piper Ideker:

- Fixed the page title problem
- Fixed the scrolling photo problem
- Completed the About Us page
- Almost completed the Services page
- Completed the New Construction Page

Pending issues:

- Danh Hoang: Elementor does not have a feature that allows for a before and after picture slider, so I am unable to implement it
  - I have discussed this with BuilderTrend (John), and they will look for some additional plugins that can be used to include that feature.

Individual work:

Piper Ideker, March 28th:
I've completed every page except for the Floor Plan page since that is still under development. This includes: Join Our Team, Contact Us, Client Login, and the five pages (New Construction, Remodeling, Swimming Pools, General Contractor, Swimming Pools, and Additions). I also added each page to the navigation bar and did a look at each button to make sure that everything is connected correctly.

(I won't give images for the five pages because they are all the same format and I showed the format in the last report)
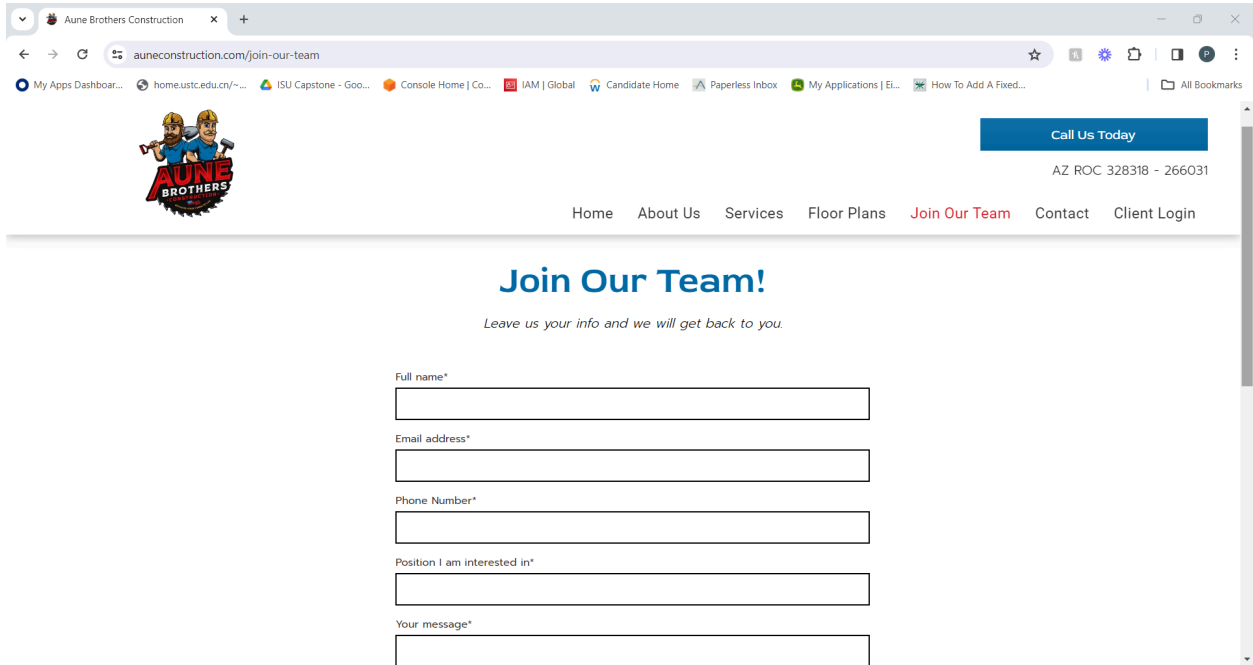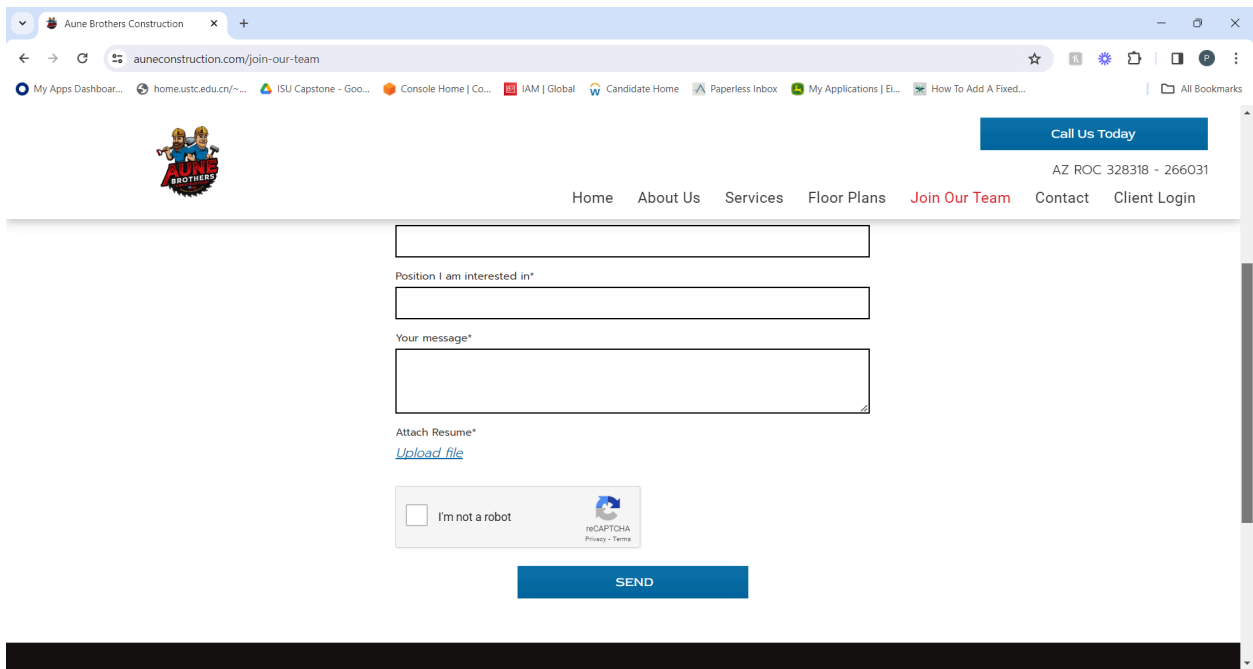
Original Join Our Team:
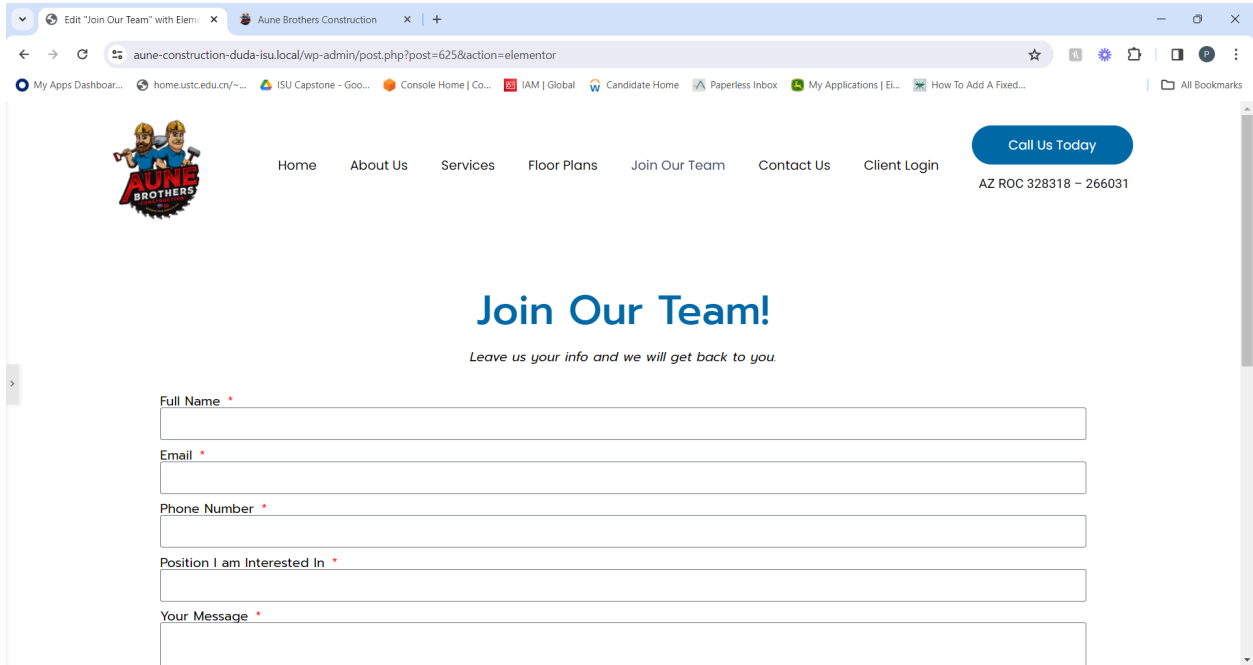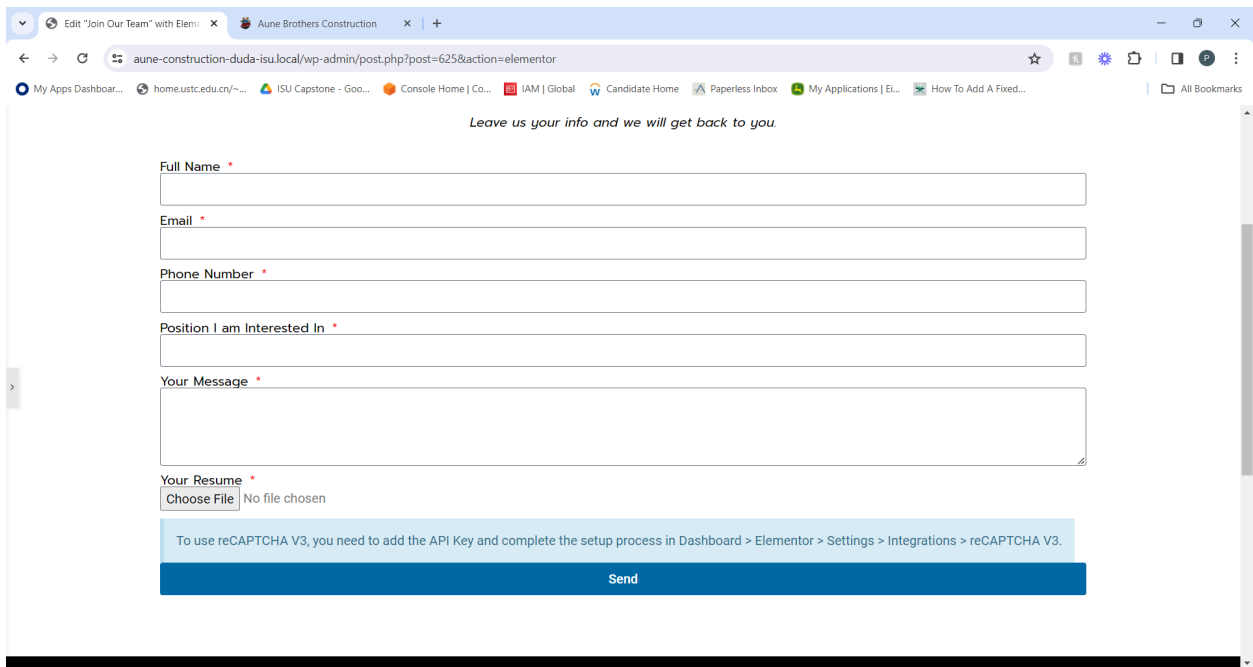
Figure 1a.

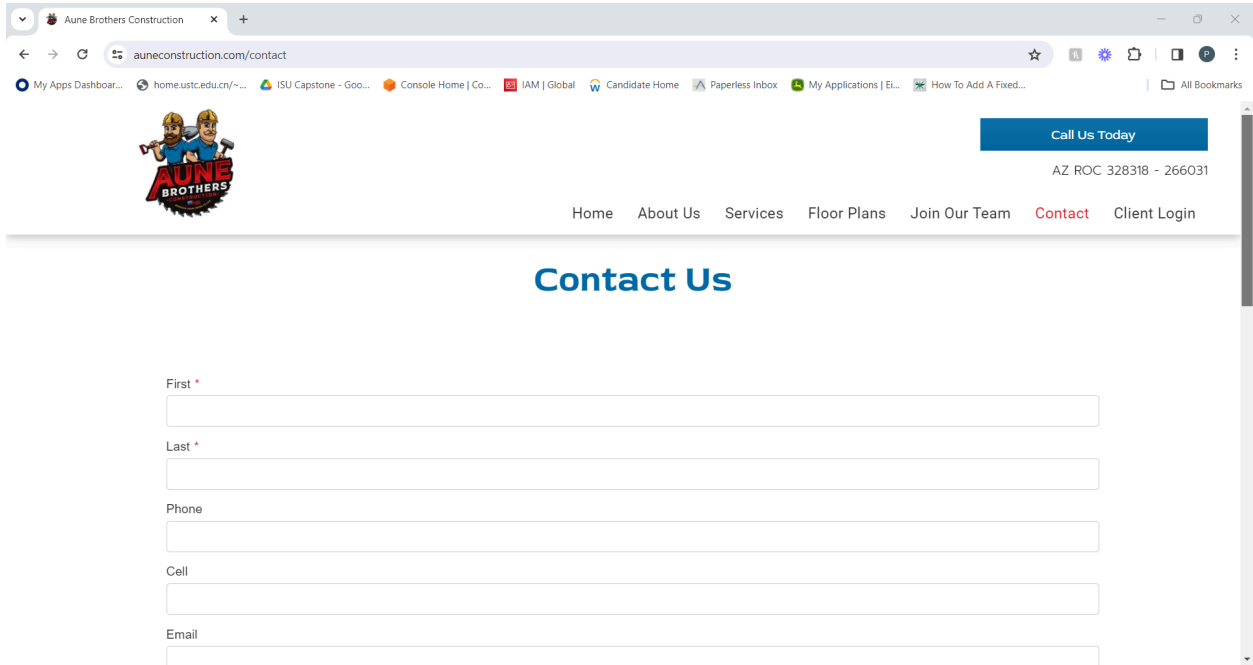Figure 1b.

My version:

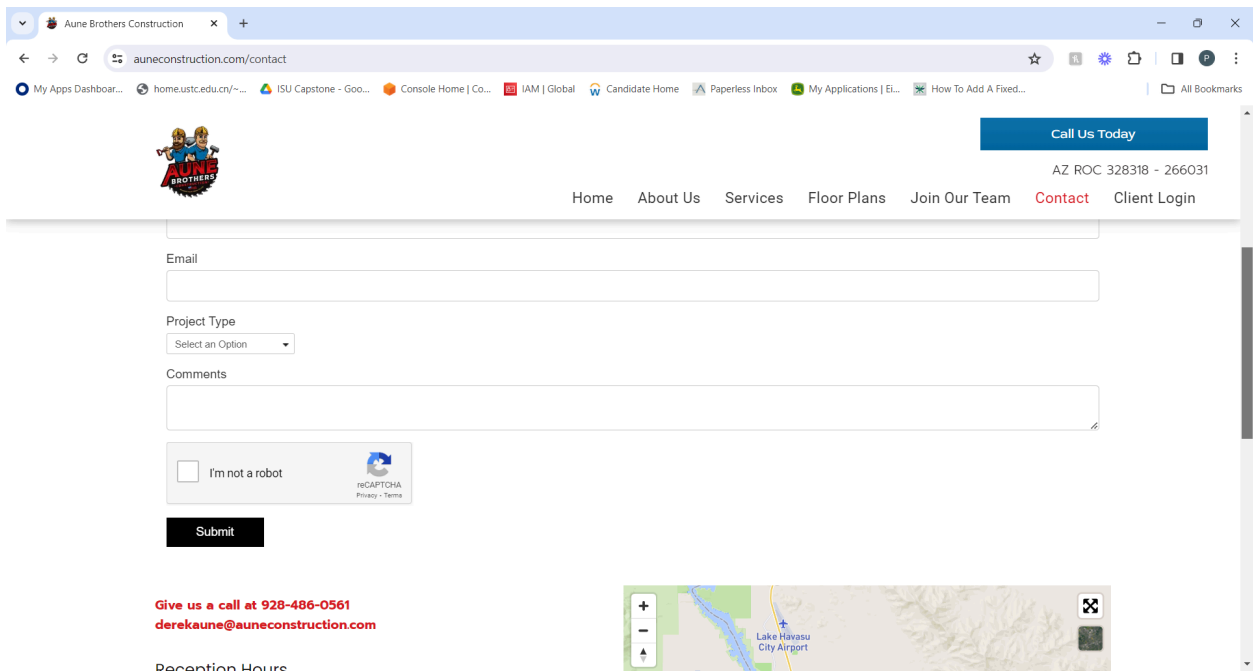Figure 2a.
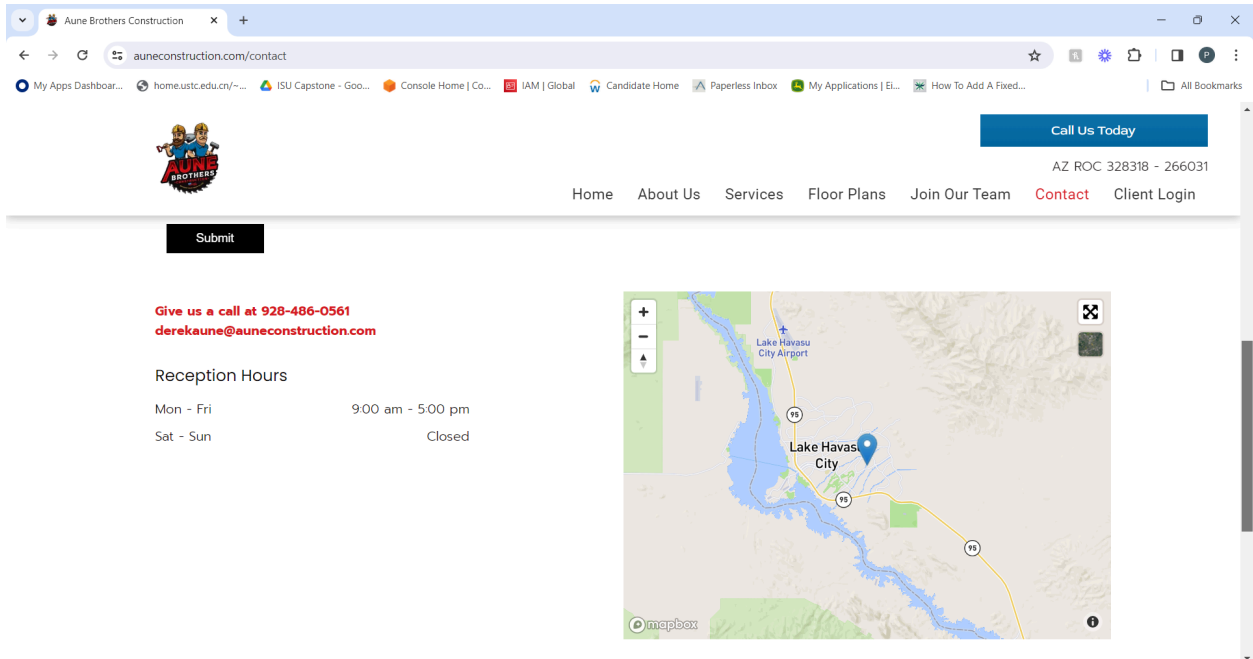

Figure 2b.

Original Contact Us:
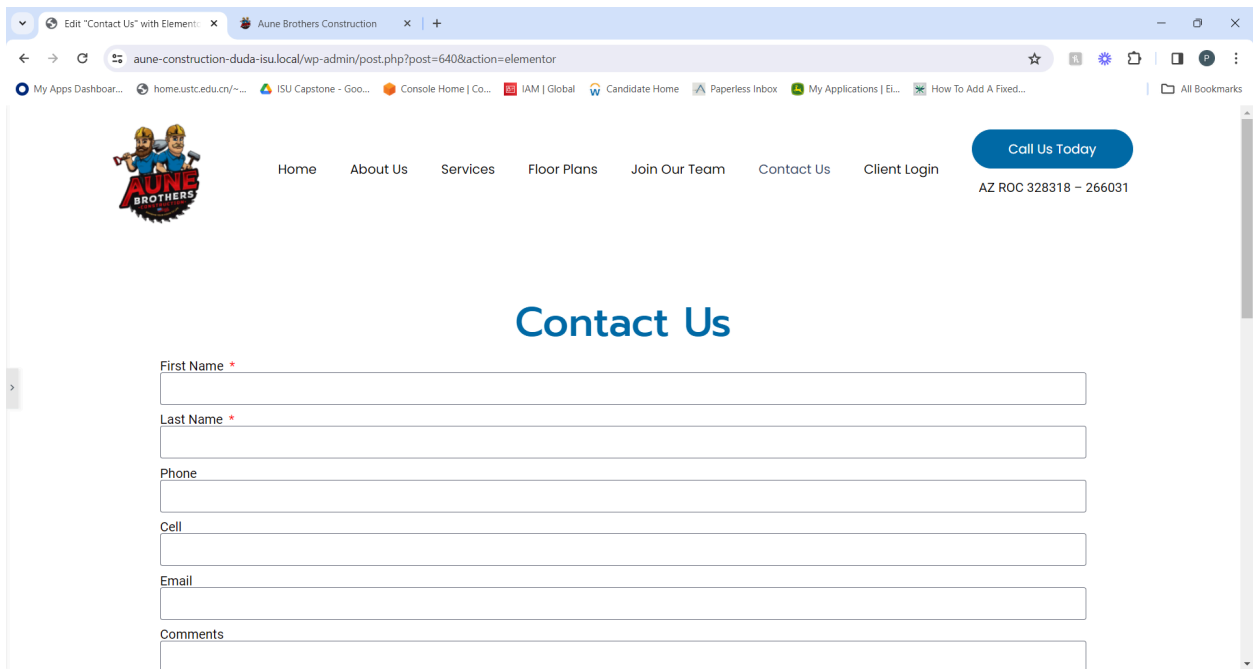
Figure 3a.

Figure 3b.
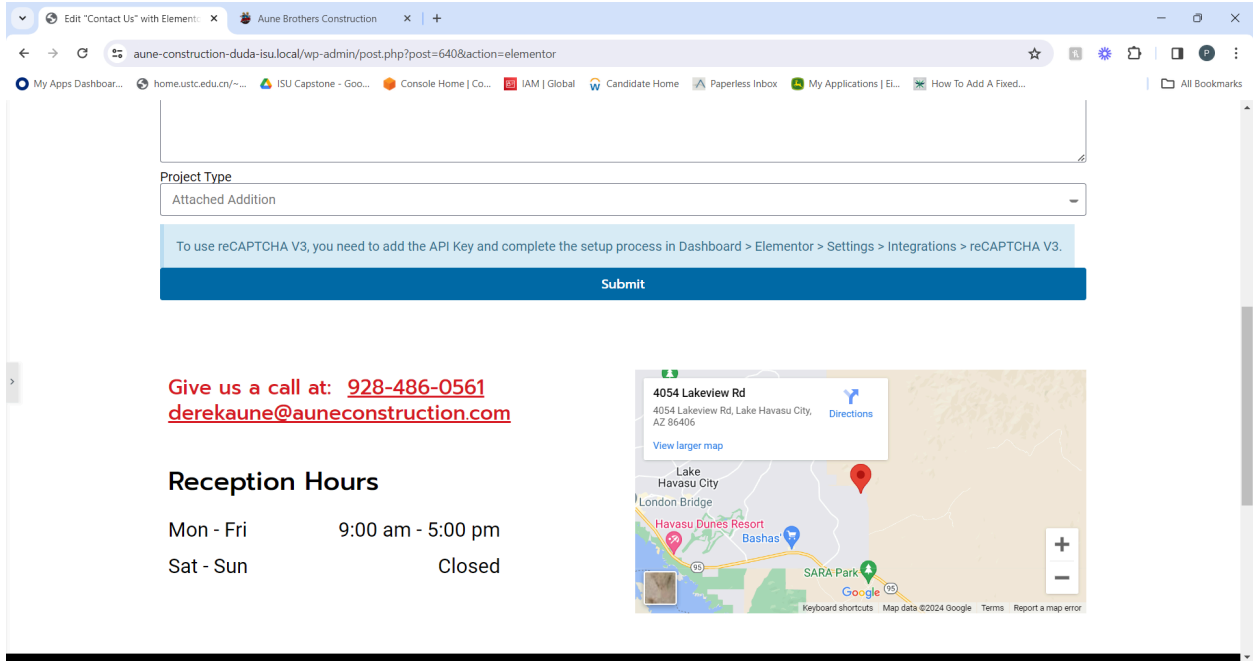
Figure 3c.

My version:

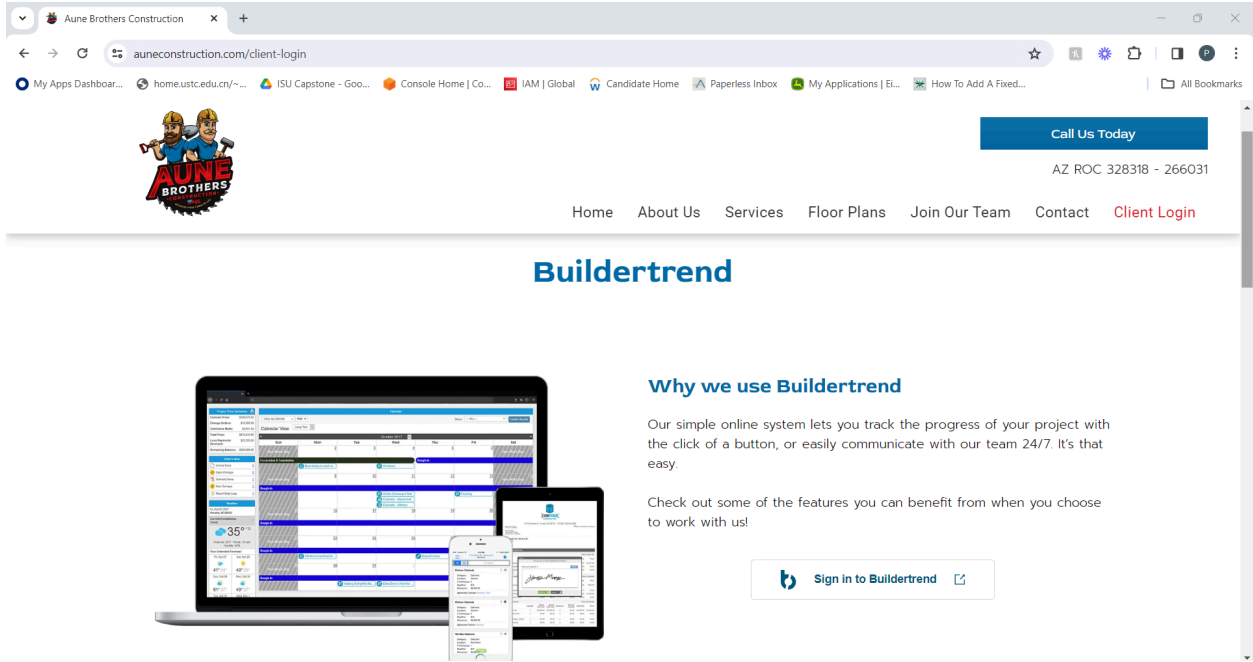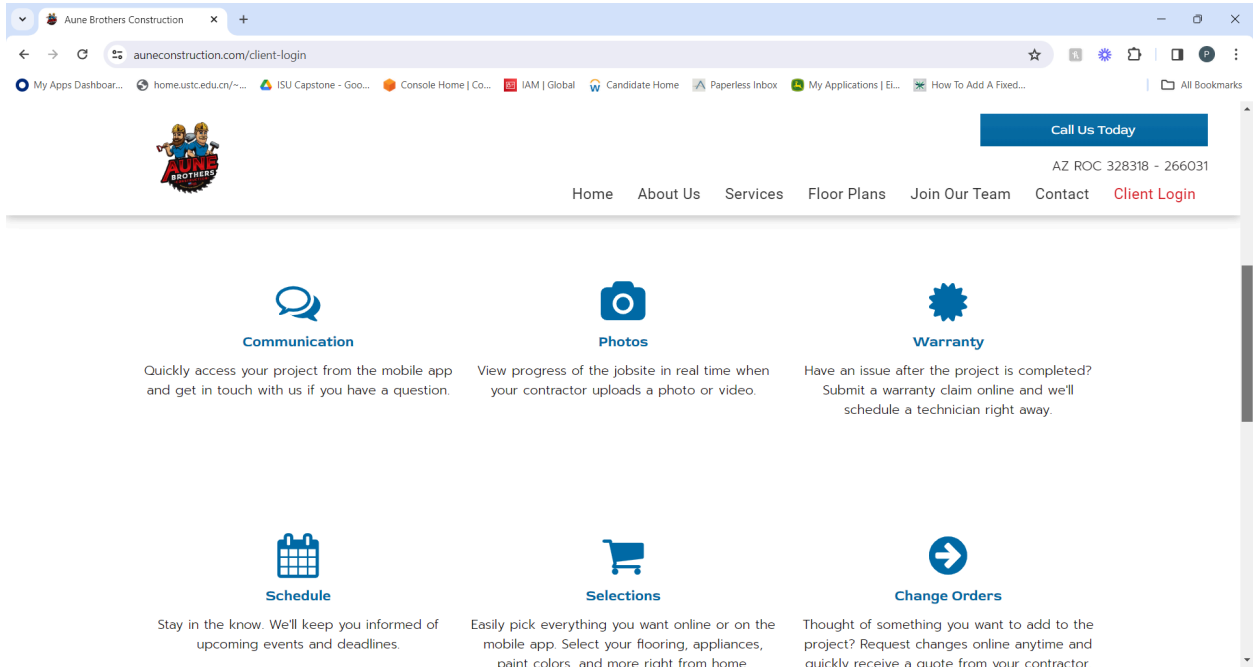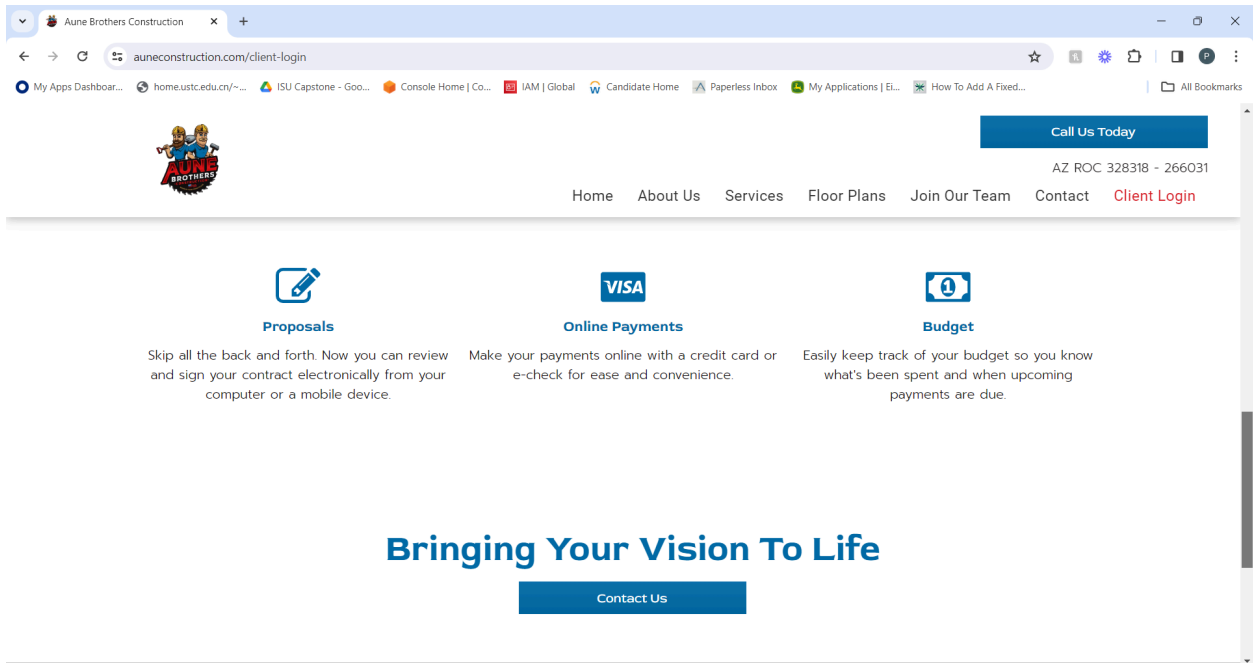

Figure 4a.

Figure 4b.

Original Client Login:

Figure 5a.
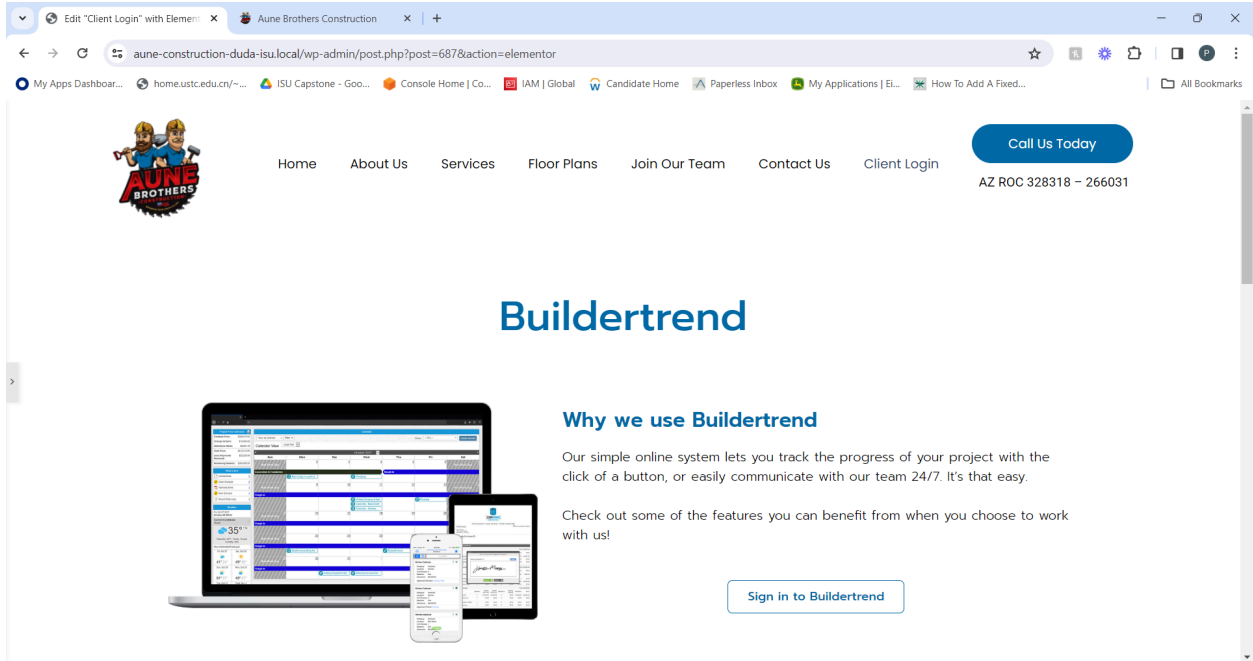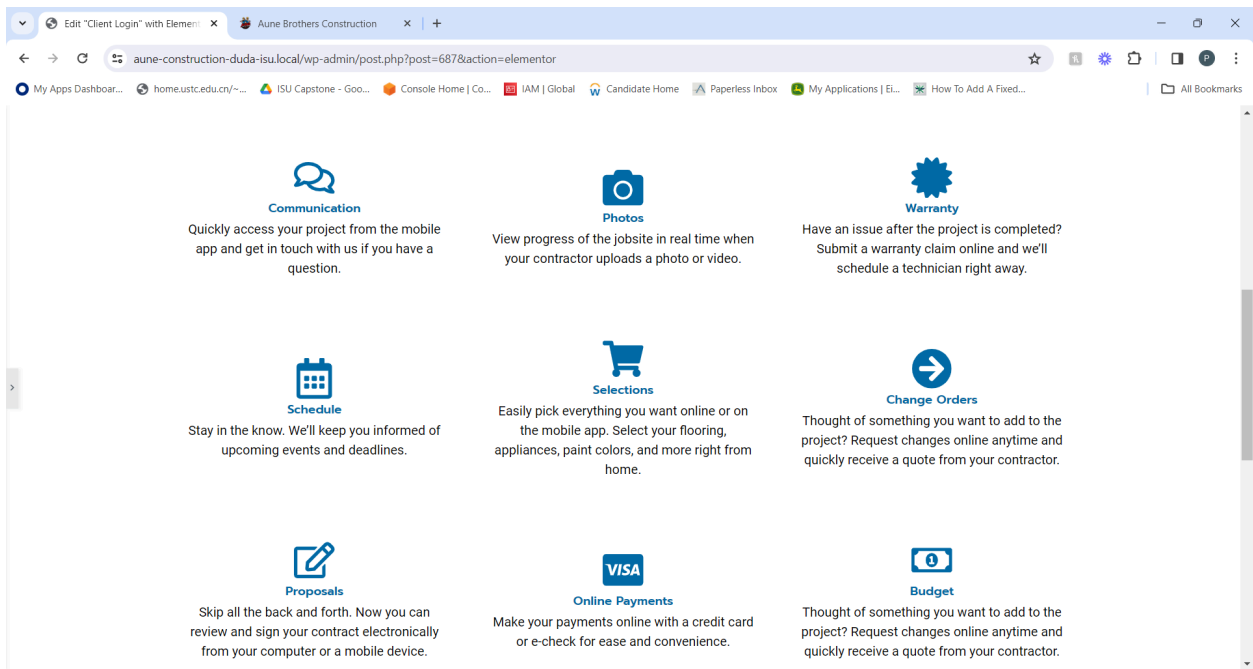
Figure 5b.

Figure 5c.

My Version:

Figure 6a.

Figure 6b.
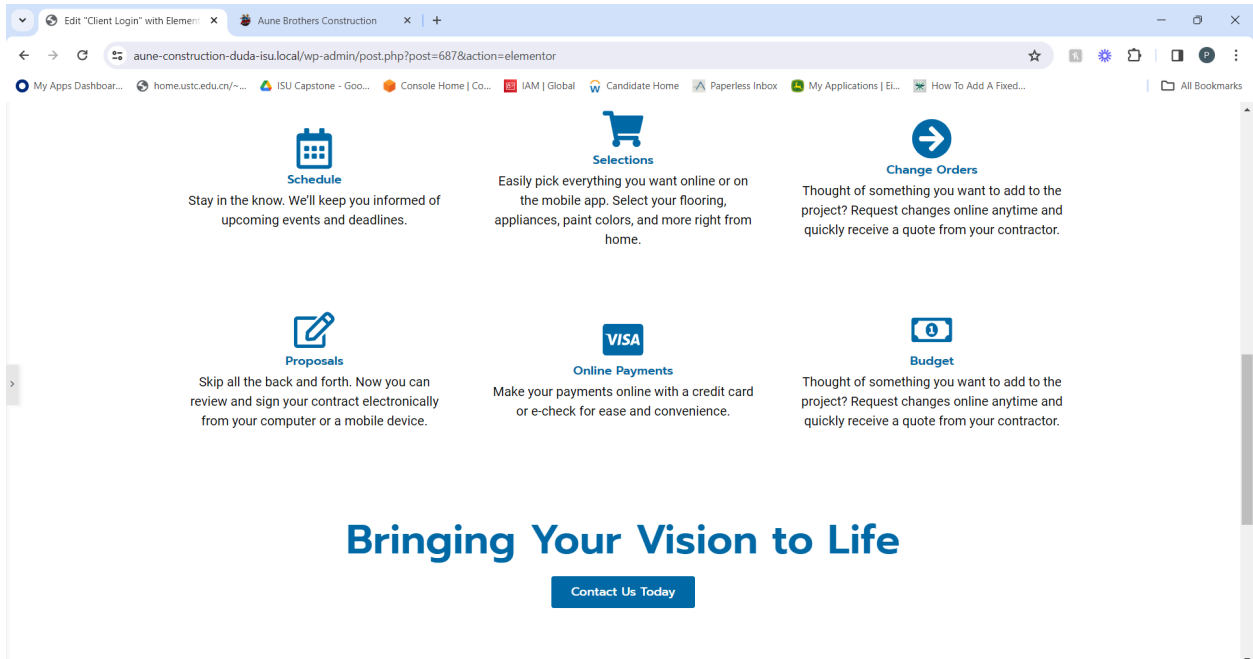
Figure 6c.

Since we have our client meeting tomorrow, there are some things I want to tell /ask John, ranked most important to least important:
1. How does John want to handle the forms for the Contact Us and Join Our Team pages? Is there any backend database work that we need to address?
2. The forms in the Contact Us and Join Our Team pages use reCAPTCHA, and it requires a site key and a secret key. How do I access these?
   a. Does he want version one or three?
3. On the original website on the Our Services page, the images are clickable but lead to a 404. What should I do for the images? I could also make the images static and use the buttons instead.
4. All five image pages and the Home page have this pop up image carousel but elementor doesn't have this. What should I use instead?
5. In the Home and Client Login page, There is a button that leads to the Buildertrend website, but the button uses two icons. Elementor only has an option for one icon, so should I just leave it as is?
6. When we get everything completed, can I get access to the next website? (I still don't have access to the Bigger Staff Co. website)
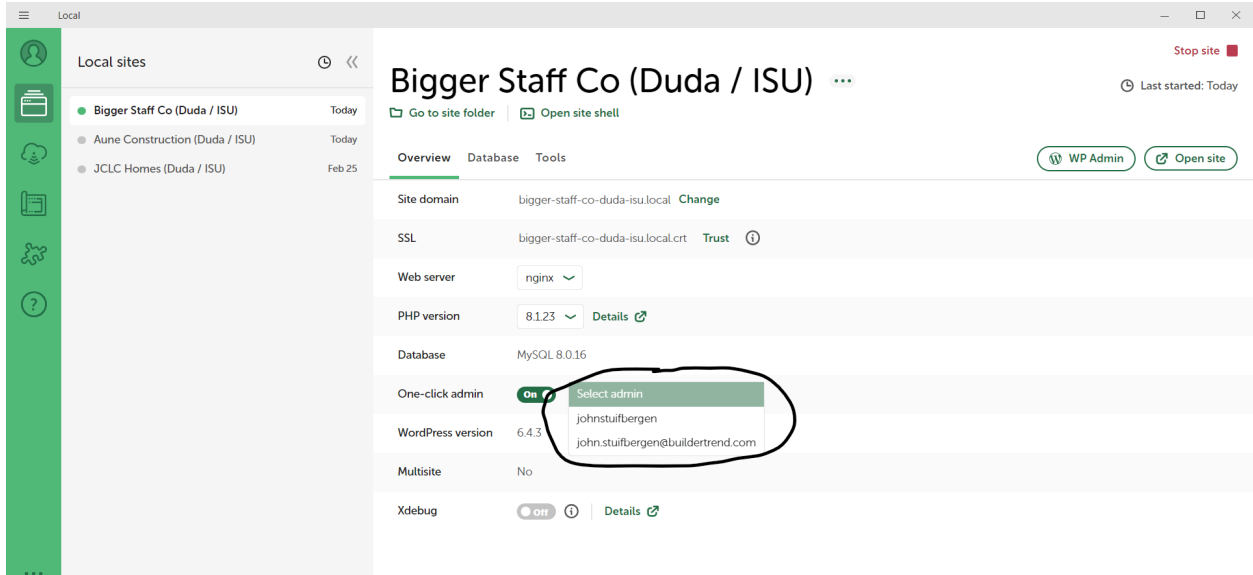
Piper Ideker, April 1st

After the meeting on Friday, I took what John had to say about each of my questions and the website was completed. Here's what John had to say for each of my questions:

1. John wanted to leave the contact forms as is. This is the HTML code and the builder id for the forms:
    a. Contact Form
        <iframe src="https://buildertrend.net/leads/contactforms/ContactFormFrame.aspx?builderID=88544" scrolling="no" id="btIframe" class="bt-contact-form-iframe" height="764" style="height: 764px;"></iframe>

        Join Our Team:

    b. Builder id:
        https://buildertrend.net/leads/contactforms/ContactFormFrame.aspx?builderID=88544
2. John told me to leave out reCAPTCHA
3. For the images, John told me to just use the same links that the button has.
4. Instead of using a pop up carousel, John told me to use an in-site version instead.
5. For the two icon buttons, John said that that option came from this HTML code:
    a. BT Login Button:
        <iframe src="https://buildertrend.net/NewLoginFrame.aspx?color=White" style="border:0px;height:60px;width:100%;margin-top:1em;frameborder:0;"></iframe>
6. For the next website, John told me to use his account instead of mine.

Here is the home page carousel:
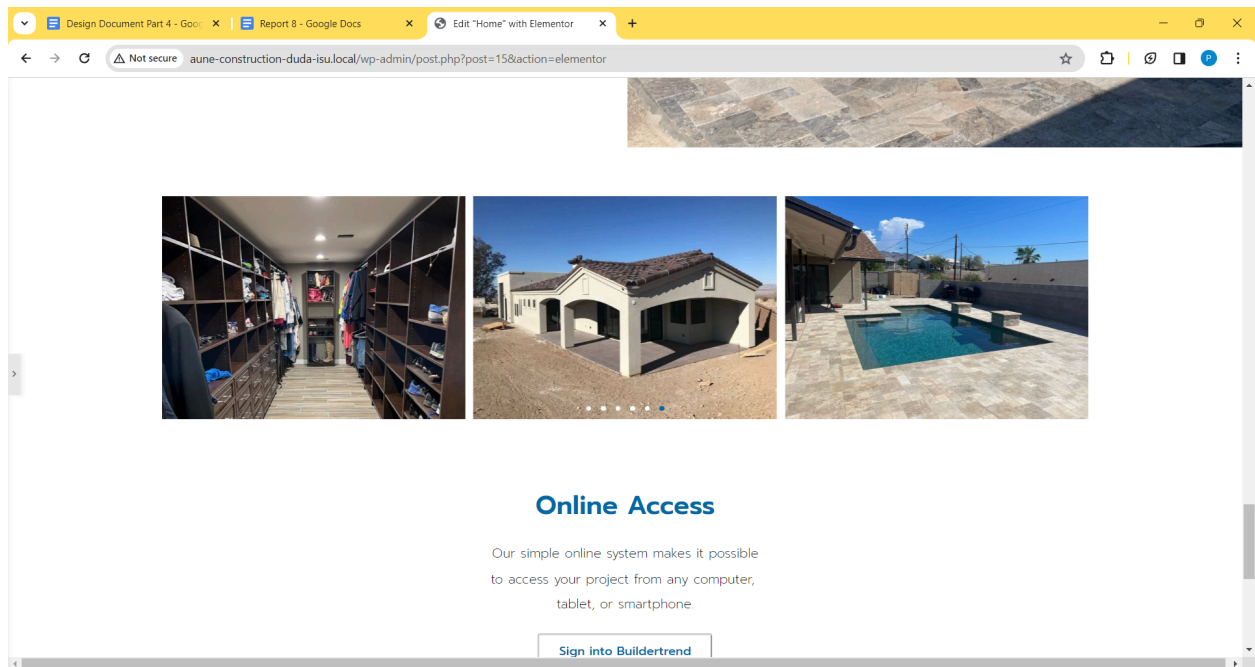
Next time I plan to try to figure out the two button issue, do one more look to see if I missed anything, then I'll move onto the Bigger Staff Co website.

Danh Hoang, March 27th- April 2th
- I finished up the homepage aside from the before and after picture slider as explained in the pending issues.
  - For now that spot is replaced with a picture of the before and after without any special features
- I began to work on the About Us page and imported the header that I saved from the homepage so I don't need to recreate it.
- For the about page I am almost done with all the foundations and will finish up by implementing the features

Bryant David, March 27th-April 2nd:
- Still working on the sites. There were some features I could not implement in the course of the week and still trying to figure it out.
- The construction page is still being worked on as well.
- Learning more functionalities and features of Elementor and Word Press that I'll need to apply in both sites.
- Off course a good chunk of our time was spend on presentation that was due today.

Chiran Subedi, March 27th-April 2nd:
- Looked into creating themes and plugins for the migration.
- Also looked into doing more automation with it to incorporate more of software engineering.

- Kept working on the websites.
- Worked on practicing for the presentation.

Name	Contribution	Hours this Week	Cumulative Hours
Piper Ideker	- Completed the Join Our Team page - Completed the Contact Us page - Completed the Client Login page - Completed the other four image pages (Remodeling, Swimming Pools, General Contractor, Swimming Pools, and Additions) - Added the carousel in the home page	6	44
Danh Hoang	- Finished implementing the features to the pictures - Completed the Homepage - Almost completed the About Us page	6	39
Bryant David	- Prepared for the group presentation and It was successful. - Trying to get some of the site features from the original sites introduced and incorporated into the wordpress site. - Implementation still on going.	6	42
Chiran Subedi	- Software Engineering aspect of the project. - Kept working on the websites	6	40

Plans for the upcoming week:
- Danh Hoang: Finish up the About Us page and then move on to the FAQ and services pages.
  - Take time trying to Automate the site creation process as suggested by the professors
- Bryant David: Some of the feature of the original sites need to be incorporated into the wordpress sites and I plan on finishing those by the end of the week before our meeting with John.
- Piper Ideker: Finish the remaining parts of the site and move onto the next site.
- Chiran Subedi: Continue trying to implement some type of automation to create the sites.

Summary of advisor meeting:

- Update our senior design with the most recent report
- Update our senior design with photos of ourselves
- Wait for John to tell us if we are allowed to work on this project during the summer