Progress Report of HACKaCobber

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I. INTRODUCTION

Our main project is promptly named Church Data. It is a peak project. Our client for the project is Rod Oppegard. Rod has been traveling to a lot of churches in North Dakota, Minnesota, and South Dakota. He collects information about these churches and has created a raw data set for them. Thus, he wants us to extract the raw data in data into a database and And put it on the web so researchers can access it for their research. We find this project extremely interesting as not only we are getting to learn so many different web technologies but also, we are getting a chance to work with an actual client. Basically, this is the closest to what real life projects we are going to get. Thus, for those reasons we decided to do this project.

II. WORK COMPLETED

So far there hasn't been much that is done. This is also the fact that we are getting used to new technology AJAX and PHP. But we do have completed some parts of the website like for example we have created most parts of HTML like creating separate pages. Planning for the website is pretty much done, we are regularly in contact with our client thus we have a good vision of how the site is going to look and perform. We have also created repeatedly needed parts of the front end like a working navigation bar, header, footer. Additionally our contact us page is almost complete. We have implemented some back end validation to it like checking if an email has been already entered or not or if the password entered is correct.

III. WORK TO DO

I believe there is quite a lot to do. This is because our website mostly focuses on back end and database management. It is also the fact that our client is working on cleaning the data for us, so we really don't know what the data looks like. Thus, we can't build important pages of our website like a data page. Nonetheless, I believe we can start working on a solid log in page and admin page. These haven't been started either. Additionally, more CSS can be used to make the site look minimal and smooth.

IV. WHAT'S GOING WELL

The main strength of our team is communication. We have been blessed to be working with an easy to reach client. On top of that teammates are very easy to contact as well. We are also having regular meetings on time and clearly discussing ideas and plans. Additionally, permission to use a framework like bootstrap has really made things easier for us. Especially bootstrap has helped us save a lot of time and hassle.

V. WHAT'S NOT GOING WELL

Although there is good communication among us, we can have technical issues Sometimes. During the break one of our teammates was having technical issues like Wi-Fi. Which did play a role slowing down our progress. The other part is our client is old, so he doesn't know much about technology. Thus, it is sometimes hard to communicate to him about what we are planning to do. Also, sometimes he has issues using platforms like zoom thus having meetings can be hard sometime. In fact

making the admin section user friendly as possible is going to be key.

VI.   SHORT REFLECTION

A. Avash

I absolutely love that I am finally understanding how web development works. It has always been very confusing for me because there are just so many technologies out there. Now just by working with them I am familiar with a lot and I know their functionality. I don't like how bugs can jumble up on multiple files making coding extremely confusing.

B. Theodore

I really liked my team, very nice, understanding and besides our busy schedule, we managed to create time to meet with the client and to work on our project. The project is still a work in progress and we still need to finish it to deliver it to our client !

C. Sam

I enjoyed this project. I learned how to work with a client. I had a great team that was understanding when things came up and we weren't able to meet. I learned a lot about web development and I'm thankful to have learned to apply some of it during this PEAK.

VII.   CONCLUSION

Concluding the work so far, we have completed some front end and contact us page. We have also done the repeated html files like header navbar and footer. Moving ahead we need to build the admin section, login system, and, once we receive the data, the database page.