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Real Estate Sharks\_2022\_CS5500

Final Project Grade\_05/02/2022

1.    Take another look at your proposal. What objectives did you meet? Which did you not meet? Explain why you didn't meet those objectives. List any extra accomplishments you made.

Our project's primary goals were to create a database based around the needs for our client, a GUI that displays information the client requests and data analytics. We successfully created a database around the needs of the client. This was done by giving him a survey asking him about his current data system. We also met our goal for making a GUI for the client. We did not do any sort of data analytics. The reason that we did not do any sort of data analytics is due to time. The database is set up to take in more information to be used in data analytics but we did not not have time to get to it.

2.    Design and then conduct a customer satisfaction survey and reflect on the results.

Survey:

1) How well does the product support your needs? Answer: The product was great because excel spreadsheets at the moment.

2) How likely are you to use this product? Answer: I think I will try it out and see if its better then what I’m using.

3) How easy is the product to use from sale of 1-10 (10 being the most intuitive website you’ve used)? Answer: 8 its simple and easy.

4) what are three things you wish the product could do that it doesnt? Answer: Have document control, better security, better interaction ability for tenants.

Reflection: I would agree with what the customer said. If we knew what we know now I think we could have achieved all of these things. However it took a lot of time to do the documents and learn the full stack web design.

3.    Reflect back on each document that you created and make a statement about its usefulness and accuracy.

1. Process Model Selection
   1. This was a useful document. Establishing the process model and sticking to the plan is something that was good to get on paper and sign off on.
2. SDD
   1. This document was very useful. Establishing the database that would be created and sticking to the plan prevented any issues occurring at the end of the project. Our client was happy with the data he can enter into the database.
3. SRS
   1. The SRS was a useful document. It was good to take our proposal and list the stimulus and response for each functional feature. The SRS established who the stakeholders were and why.
4. Team Member Assignments
   1. This document was important to establish the organization of the team, communication system and expectations.
5. Testing Documentation
   1. This document was important in creating a standard for both the front and back end to abide by in order to make the integration as easy as possible. We pre-determined the JSON that would be exchanged and performed testing as you go methods to build both the back and front ends around this integration standard.

4.    Look closely at your SRS. List all requirements and state whether you met or didn't meet the requirement.

1. Property Database - Completed
2. Maintenance - Not met
3. Explore - Completed
4. Shared Documents - Not met
5. Property Details - Met
6. User Account - Partially Met
7. Help/Contact Info - Partially Met
8. Reliability - Completed
9. Usability - Completed
10. Security - Not met
11. Supportability - Completed

5.    Reflect on your experience as an educational experience.

This project was an excellent educational experience. Having a real client who had business needs and planning a software program around his needs was challenging and rewarding. While we did not meet all our secondary and Tertiary goals, we both learned Django and React from scratch. Before this class we only knew these technologies existed, now we can create applications that utilize them in the stack. Additionally, planning for the secondary and tertiary features required a lot of thinking and planning. We know that our project could be continued to meet all of our goals due to proper planning.

6. If you were to do it over again, what would you do differently?

If we were to do this over again we think that spending time learning Django and React prior to planning our requirements and especially before writing the SDD would have been helpful. React and Django were new to us so this added challenge increased the difficulty and time spend to created the SDD/SRS. Knowing what we know now we would have made different essential, secondary and tertiary goals. For example deployment was not a goal but over the past month became very important to us.