



Progress Report

Database Re-design for STEM Academy

By
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Who are we?

Front-End Development:

- Jiaxu Li
- Munisha Parikh

Back-End Development:

- Ehmar Khan

Our Client:

- STEM Academy

INTRODUCTION

STEM Academy engages K-12 youth in programs designed to increase college attendance and participation in the STEM fields.

- Current Problems

- The current system, does not allow our clients to add additional names to the database while it is running
- Does not allow to overwrite survey
- Does not allow students to make changes

- Purpose

- Make a well-functionally survey system for STEM Academy

- Problems needed to solve

- Allow participants/administrators to edit survey data
- Generate a standard report, including graphics

Week 2-3

Client interactions

- Contacted client for the first time via email, and set up a meeting time.
- Met clients to introduce our team and discuss project requirements.

Team interactions

- Got vital information (contact information, GitHub username, etc.)
- Identified best times to meet
- Asked each other questions about interest in project

Individual assignments

- Worked on problem statement (rough draft)

Week 4-5

Client interactions

- Met with client to know more about what they want
- Got feedback of Problem Statement Final draft (Our draft had some inaccurate sentences)
- Agreed with do research on the existing survey software on the internet

Team interactions

- Met with TA together to ask questions about problem statement document.
- Revised the final draft of Problem Statement.

Group assignments

- Problem Statement (Final draft)

Week 6-7

Plans:

Finish Rough Draft before Wednesday so that we can get many feedback from instructor and our client.

Problems:

We got different feedbacks from TA, clients and instructor.

Progress:

We went to Kirsten's Office to talk more about the Requirement Document

Summary:

Our TA gave us many useful suggestions and we also got enough feedbacks from our client.

Week 8-9

Plans:

In this week, we focused on our assignment, tech review. We brought our draft into class to have a peer review. And we needed to meet with our client for more information.

Problems:

We did not have enough pieces.

Progress:

Peer review gave us many useful feedbacks, and we set up client meeting for coming Monday (Week 10).

Summary:

Need more research on Qualtrics before moving onto design document.

Week 10

Plans:

Complete design document, progress report and presentation.

Problems:

We found Qualtrics could meet most of requirements of our client. It's kind of like Qualtrics took some work from us. Thus, we do not know if it is ok. We need to get some feedback from Kevin, as our TA suggested.

Progress:

We and our group discussed about the assignments left and made a plan.

Summary:

We are not sure if we are good now until we can hear from instructors.

Conclusion

In conclusion...

We are implementing Qualtrics for our project.

We need to test different parts of Qualtrics like data storage, filter and merge options.

And also we are planning on making a tutorial for our Clients, just to make it easier for them in the future!