

Meeting with Dr. Vajda (1/25/2022)

Agenda

- Details missing from the agenda
 - When is the meeting happening
 - The attendees
 - Maybe the place they are happening as well

What Did We Do?

- Jayme:
 - Did: To do list, React, looking at full website
 - Plan: My slides for our midterm presentation, a to-do list, getting that integrated with the website
- Stephen:
 - Did: Reviewing SQL, almost done with SRS, tried to set up MySQL database, instead of locally hosting, finding somewhere we can all access the hosting
 - Plan: To be continued, figure out what platform to use for the server
 - Question: Requirements
- Natalia:
 - Did: Reviewing python, reviewing react, writing the SRS, no issues, run into issues well talk about it
 - Plan: prototype task manager on React
- Connor:
 - Did: Started a framework, of the organization of the tasks, reviewing SQL lite, working with SK Learn and other libraries from Python for Machine Learning. 3 Classifications of data, difficulty score, classification of job and subject category, SRS coming along
 - Plan: Consolidate with my teammates, implementing the chosen design, submitting the SRS on time
- Cesar:
 - Did: Been working on SRS in detail, and design, also have been working with MySQL database and getting it set up on Python, and where we're going to host it. Designing an entity relationship model. Task table, ID, name, description, task type
 - Plan: Make sure the SRS is tiptop, and options to have by running a docker container on a web server

Ideas

- developing in a container
- all of us can have access to the container
 - see the advantages to deploy software on containers
 - ask Taban about containers and creating the application through that!
- There's an overlap

Hosting on a possible Database

- Some team member is going to open their network and that person is going to Host (that machine needs to work 24/7)
- Raspberry Pi (or dedicated machine)
- Find an external host service and all the infrastructure will do it, probably pay
- If we were to use a container our frontend would be there but also our database would be right there?
 - Yes! You can already download a container which the MySQL installed so you just have to build on top of it (also have web servers)

Presentation (Midterm)

- Two weeks from now
- Status update (where we are) goal of the presentation
- Title page
- Sell the project (should be like an investment pitch almost)
- Intro team (possibly with job assignment)
- Who is your client (Taban)
- Problem statement (sentence of two)
- Start listing the requirements (maybe rank them)
- Analyze those requirements
- Come up with some design - explain the low level and high level design
- What kind of tools do I need and why do I need those tools? (defend your choices)
- 45 Minutes (everyone contribute)
- Tell him what you were responsible for

Action Items

- ⇒ Set up Trello
- ⇒ Talk to Taban about what server he wants to run the application on