

CS 490/491L Progress Template.

Instructions: *Each team member should enter their activities performed for the capstone project in the last two weeks, as well as their expected activities for the next two weeks, along with anything holding them up on completing their activities. These should be discussed by the team and their advisor(s) during the weekly/biweekly meetings, and the advisor(s) should sign and date the sheet indicating a correct assessment of the team's progress. Students need to upload a signed and scanned version to Canvas.. Progress reports uploaded to Canvas without a signature and score for progress will receive a 0 for progress.*

200 words minimum per team member required for credit across the three questions.

Team/Project Name: White Volley Girls: CSUN Dashboard

Team Member #1: Christian Jarmon

What I did since last progress report:

- Created Github repository and forumlized tech stack.
- Setup folder structure and added markdown documentation files for the purposes of easy storage and retrieval.
- Researched indexing and optimization techniques for mySQL servers regarding professor biographies and contact information.
- Built Python GET and POST web server scripts and built Rust for redundancy and possible replacement for the purposes of speed and efficiency.
- Researched different cloud providers and solutions to host finished products.
- Researched different ways to handle accounts and how to manage that to allow users to create accounts, enable two factor authentication, allow users to change passwords, etc.

Anything holding me up on my last progress report's expected activities:

N/A

What I plan to do before the next progress report:

- Research financial structure of CSUN's in regards to tuition, financial aid, along with grants and scholarships.
- Figure out techniques for keeping information up to date regarding catalogs and professors.
- Explore the mathematical models for figuring out the probability of getting certain professors or getting certain classes.
- Formally document and layout tech stack for documentation purposes.
- Finish building Rust web server scripts and conduct unit tests to compare against Python/Flask units for speed and efficiency in regards to time and space. This would then allow me to formally document and layout tech stack with respect to our cloud solutions, if one is ever decided on.

Team Member #2: Michael Balian

What I did since last progress report:

- Brainstorming project idea with group
- Researching documentation on React
- Talking about how we want to design the UI
- Drawing a sketch with the team of what the general form of our interface should look like
- Discussing the different search requirements for planner home page

Anything holding me up on my last progress report's expected activities:

N/A

What I plan to do before the next progress report:

I plan to get a better and more specific picture of what our interface should look like. I will also code some react components to get some testing going with our backend.

Team Member #3: Nima Shafie

What I did since last progress report:

Starting to learn Python as part of back end stack (have never used it before) in order to assist with any backend work

Looking into React as part of front end (have looked at a couple tutorial videos before) to familiarize myself with it

Configuring and testing mySQL server schema to use for database, working with Christian to see what attributes/data we're going to capture and need

Learning how to interact with mySQL from Python - this will be the primary way the web server interacts with the database

Double checking that Django (Python Backend) will work with React (JavaScript Frontend), ensuring this will work before we spend more time on it

Anything holding me up on my last progress report's expected activities:

N/A

What I plan to do before the next progress report:

Look into free remote hosting for mySQL server if possible

Perform data cleanup and ensure it will work well with mySQL database

Take a look at MariaDB since there may be an option for me to host the database from my home server

Deciding on whether to use mySQL or MariaDB and getting more practice using either database

Team Member #4: David Huezo

What I did since last progress report:

Installed all the necessary tools needed for this project

- VScode (and some extensions), github, bash. etc.

Started to play with reactJS by looking at tutorials and playing around with code

- Learned how to make UI elements like buttons and some other interactable elements

Started relearning important programming concepts (This is my first time actually programming in quite some time)

- started learning how to use web servers and started learning about web development in general
- learning more and expanding my current knowledge of javascript in order to be able to efficiently code.

Anything holding me up on my last progress report's expected activities:

N/A

What I plan to do before the next progress report:

By the next progress report I plan to learn how to make a lot more UI elements and be able to implement them properly.

- UI elements that I feel are necessary for our project are things like dropdown menus, charts and graphs, etc.

I will also figure out how to use github properly, and learn all the features like cloning repositories and making commits and things like that.

Another thing I would like to start learning about is giving things animations and having the website flow smoothly in general, however I am unsure if I will be able to actually do anything with it before the next progress report

Date:

8th September

Team Progress (0 -- 3): 3

0 -- no progress has been made by the team

1 -- insufficient progress has been made for the team to complete their capstone

2 -- sufficient progress has been made for the team to complete their capstone

3 -- excellent progress has been made by the team

Report Quality (0 -- 3): 3

0 -- missing or empty report

1 -- report briefly written with incomplete sentences, lacking descriptions of work

2 -- well written report with sufficient description of work performed since last progress report

3 -- excellently written report with detailed description of each team members progress