

Capstone II - Journal
Karinna Rocha
Paul Nevill

01/30-02/03

These weeks I was watching videos that professor recommended us to do, and I was studying the code everyday to start having the feeling of back end and understand the code by structure, how each directory is connected and why he wanted the code like that.

02/06-02-10

We were facing issues with the virtual environment, we were trying to download flask-wtf but the internet was not connected in the workspace. So we needed the assistance of the professor to fix our problem and get the code working.

02/13-02/17

I was working on my own computer this week. I was really hesitant to touch the Workspace because the professor worked so hard to make everything work as he wanted to, so my ideas were what?! Start from fresh, I wanted to learn and be able to understand the step by step what the YouTuber did and why he did it, so i started getting the data connected, Database is not the strong side of me, so I took me a while to remember my old classes of database on how to download the sql Workbench and figure it out the database set up, so I named as test.db I did not understand the SQLAlchemy So I never tried to do the models data. Along the week I started my coding and connected my code to the data. At that point, I figured I needed to create a registration form in order to put data in, so at least I would have confirmation that the data is connected to the code, and I did!! By wednesday of that week i had my data connected and the registration in, so I when i put the login, my authentication would work, on thursday, i start to work on my login, and I also needed to work on my code structure so I could show in class, I worked until late at night, everything went really well, until professor said that nothing that I did would work because it was not MySQL what we were using and because it was also in my computer! (Big LOL) but it is ok, I gained Knowledge.

02/20-

I learned a lot from this day, i understood the importance of the MODELS.py that with the models.py and sqlalchemy we are able to create the data tables on any type of database set. I was able to organize the Models, I cleaned some code (take all the comments and things that we do not need from the original code that was provided) I organized the code structure so the HTML crew would understand how at least the code should be running, All pages are working, besides when I press submit on Login it gives me an NoForeignKeysError. I think this error is related to the models.py Structure. I just know that my brain is burning but I am learning a lot.

02/21-

After watching sooo many videos of database, and chatGPT also helped me explaining my issue, might have connected the database on Cofig.py because the error was not actually in the database line, but yes in the other part of the code, I commented all the foreign keys on Models.py because I know the code crashes when I press submit and the data was not understanding the foreign keys. I was trying to bcrypt the password but did not succeed, but I did install bcrypt again because I used the check_password definition on modules.py. But now, after all that, it is giving me "Values Error" from the return of "check_password" def. What I learned from all this was how to connect the database at least.

02/27-

Today was one of the day that we swim and swim and do not go anywhere, i was trying on any way possible to make the VARCHAR to be accepted by sqlalchemy, and figure it that the problem was in the Data, because the data type VARCHAR is not accepted in the data software, even tho i know the data was wrong and that is why our authentication is not working... I have tried to get sqlalchemy to work, unsuccessfully.

02/28-

Us from the back end got stuck today because we could not get connected to the database, i was freaking out because we need to get this done so we could work on the part of the code that we enable the code to remember that the user logged in already, instead of keep forgetting, i got in touch with the data crew and they were able to help to change all the data type into TEXT, sense the data and sqlalchemy does not read VARCHAR, after a lot of back and forth with them, I was able to authenticate the user and the login, and also was able to allow the code to remember the user that is already logged in first I took the Global variable out because the global variable does not translate right in python, also, i moved login_manager to inside of the application. Another important thing that I needed to do is to define the Worker_ID on worker models.py, so on @login.route to allow the code to remember the user though the user ID successfully and not need to login every time.