Student’s Full Name: Hieu Dang

WEEKLY Log #3

From: 09/18 To: 09/24

Today’s Date: September 25, 2023

Name of Agency: University of New Hampshire

Number of Hours Worked this week: 10 hours

Cumulative Hours to Date: 32 hours

Individual’s Weekly Log

I. Accomplished tasks this week:

1. Connect Azure’s web app to Azure’s database server.

- This week I have connected successfully the database server to Azure’s web app using the custom connection string. The app I was using in this week was a sample app which has a simple database. Take advantage of my success after deploying my old app the last couple of weeks, this week I used this app for the second test, the difference is this has a simple database. The Azure web app is now can communicate and manage the database through Azure’s service or SSH.

2. Migrate the database to Azure’s database server.

- Using the same sample app, I finally figured out how to migrate the Django’s database to Azure’s database. The big problem that I have deal this week was about in the settings.py file. There was none of documentation mention about adjust and change thing that I did. I was following the guide and was hard stuck since last week, I did not know how to fix because I have followed exactly the guidelines. This week I have used all document guidelines and with my knowledge, I create a test file to test the os.getenv function, replace for the environ as the guidelines said, eventually I changed everything and redeploy the app, and it worked just perfectly.

3. Add super user into Azure’s database server.

- Like Django, after SSH into Azure’s server, I had to create a super user for the administrator and added a CSRF Token in the settings.py file to make it accessible as production.

II. Tasks in the process this week.

1. Push process onto GitHub

- Keep the code updated and for the professor’s observations.

III. Tasks to be started next week.

1. Django’s app migration.

- Re-organized my actual Django apps database to prepare for the next migration.

2. Find if the web app has a free server for hosting.

- My account’s balance is now $65 credits, so I just turn on the service every time I use and turn it off when I am done. I will check if it has another free subscription for hosting.

VI. References used for this week.

<https://github.com/MicrosoftDocs/azure-docs/issues/96982>

<https://stackoverflow.com/questions/29573163/django-admin-login-suddenly-demanding-csrf-token>

<https://stackoverflow.com/questions/33769258/django-postgres-import-error-is-the-server-running-locally-and-accepting-connec>

<https://stackoverflow.com/questions/69676009/psql-error-connection-to-server-on-socket-var-run-postgresql-s-pgsql-5432>