Student’s Full Name: Hieu Dang

WEEKLY Log#: 2

From: 09/11 To: 09/17

Today’s Date: September 18, 2023

Name of Agency: University of New Hampshire

Number of Hours Worked This Week: 10 hours

Cumulative Hours to Date: 22 hours

Individual’s Weekly Log

I. Accomplished tasks this week:

1. Understand Azure’s web app service.

- After deploying a test app last week, this week I was playing around with Azure’s service to gain deep knowledge about its components. This week, I used Azure’s CLI (cloud shell) to interact with the server.

2. Clone the sample application.

- From a tutorial <https://learn.microsoft.com/en-us/azure/app-service/tutorial-python-postgresql-app>. I successfully cloned a sample application (this application also uses Django) to my workspace. Follow the instructions and take advantage, I can understand more about the resource group, and the connection settings and generate database schema using Azure’s SSH.

3. Met up professor.

- This week I met up with Professor Ken. We had a conversation about my project’s proposal, and we both eventually agreed to change the agenda and update the date. Instead of get to know Azure and Firebase right after, I will complete the deployment on Azure on the half of the semester and have Firebase after that.

II. Tasks in the process this week.

1. Solving the connection timed out.

* The reason is still a mystery, there are so many reasons that I am doubting about. The Azure’s settings might not be correct. With that said, I have deleted my whole app service and database and re-created a new one. After that, I got an error when I tried to create the app service, Azure kept saying deployment failed due to group. After several attempts, I decided to delete the whole resource group instead of just an app service, then re-create a new one, and that worked just fine.

1. The budget is running out.

* Because I am using my student account to log in, I got a free account but that is running out if I keep trying my stuff, the new balance is $74.36. I have to figure out a way to save as much as possible.

1. This week didn’t have much progress.

* This week seems worse than last week because I keep encountering new errors and have not found any solution to fix them yet. But there are some more helpful documents that I think can help me out.

III. Tasks to be started next week.

1. Email the professor if the bug persists and listen to his advice.

* I think communicating with the Professor about the progress of my project is the way to get it done faster and also, we would know what is happening and have the best way to handle it.

1. Read documents.

* I barely find documents specifically about Django’s database on Azure. That is why I have to discover it by myself.

VI. References:

<https://docs.djangoproject.com/en/4.1/topics/migrations/>

<https://www.youtube.com/watch?v=BGEEzjGadYI>

<https://stackoverflow.com/questions/65869786/cannot-deploy-django-project-with-postgres-database-in-azure>

<https://stackoverflow.com/questions/29937378/django-db-utils-operationalerror-could-not-connect-to-server>

<https://learn.microsoft.com/en-us/training/modules/django-deployment/?source=recommendations>