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Service Cops
IT Department
9th September, 2023
Week 1(4th September -8th September)

Introduction:

In my first week of the internship, I had the opportunity to familiarize myself with Service Cops, its technology stack, and the tasks assigned to me. This report summarizes my activities, achievements, and experiences during this introductory week that was from 4th September 2023 to 8th September 2023.

Accomplishments:

- Successfully switched from Windows to Ubuntu Linux to align with the company's operating system.
- Installed essential programs like IntelliJ IDEA, DBeaver, PostgreSQL, postman and other development tools to be used.
- Registered my MAC address for internet access.
- Gained an understanding of the frameworks and technologies commonly used within the organization.
- Actively participated in a meeting focused on adding a module to School Pay
- Designed a PostgreSQL database for the new module after the meeting.
- Was able to install Yii framework and create an application with it and made connection to the PostgreSQL database.
- Was also able to set up Spring boot framework, create a Restful API and work with it to make CRUD operations.
-Designed a database using D beaver.
- I created an account on Bit-bucket since its the company's version control platform.

Challenges:

- Adapting to a new operating system (Ubuntu Linux) presented a minor learning curve, but I quickly overcame it.
- Learning the specific technology stack used by the organization required some effort, but I made progress throughout the week.
- Internet access has been a challenge whereby even if my MAC address was registered I couldn't access the internet.
-Rain was a big challenge that affected working hours whereby it would cause a lot of traffic congestion.

Learning Experience:

- I acquired valuable experience in Ubuntu Linux, including software installation and system configuration.

- Understanding the Service Cops' frameworks and technologies provided insights into industry best practices.
- Contributing to the module addition meeting enhanced my collaboration and problem-solving skills.
- Designing the PostgreSQL database improved my database design skills.

Goals for Next Week:

- Continue to familiarize myself with the Service Cops' development environment and best practices.
- Work on tasks related to the module I designed the database for.
- Explore more advanced features and functionalities of the Yii framework.
- Further develop my skills with Spring Boot for Java and continue working on the CRUD operations API.

Conclusion:

In conclusion, I am committed to making the most of my internship and continuing to contribute to the success of the team and Service Cops.

My first week at Service Cops was filled with learning opportunities, and I am excited to contribute more effectively as I become more familiar with the company's systems and processes.