LONDON METROPOLITAN UNIVERSITY

PROFESSIONAL WORK PLACEMENT

<u>LEARNING LOG</u>

YOUR ID: 21041086

YOUR NAME: Pratham Neupane

YOUR COURSE: BSc(Hons) Computing

WRL TUTOR: Nishesh Bishwas

PLACE OF WORK: Hunchha Digital Agency

DATES OF ENTRIES IN LERNING LOG:

21st June – 30th June

LEARNING LOG 2

For the period 21st June to 30th June

What have I done?

(LO3) –Research Skills

During the second week of my internship, I was given a task to research on various topics such as database, "MySQL" in particular and different Node.js libraries such as "sequelize" and "multer". To carry on this research process, I surfed through the internet and went through the documentation of sequelize and multer. I also conducted the research on MySQL even though I was familiar to it, to gain some extra insights. From the research, I was clear about the use of multer which is to handle multipart/form-data which is commonly used to upload files on websites. Also, I came to know that sequelize is an Node.js Object Related-Mapping(ORM) tool that supports various SQL databases like MySQL. This research helped me gain knowledge regarding how different files and images are handled in different websites and how they are stored smoothly and safely.

(LO5) –Node.js Skills

My supervisor assigned me a task to implement the knowledge regarding multer and sequelize that I had gained through various research into practice. I was assigned to create a new CRUD application with implement of multer and sequelize to ensure that user's images/files can be uploaded and stored in the database. By successfully, integrating multer I ensured that the users could upload images/files easily, and with the help of sequelize I was able to securely store the user's record into the database. The actual implementation of what I learned from my research showed my ability to utilize other resources to enhance a project. I reviewed the work I had done to my supervisor as well.

(LO7) – Proficiency in Database Management

During this week, my supervisor assigned me the task to create a new database using MySQL and implement it in my node project to store the user's information. Since I was already familiar with MySQL, I was successfully able to create a new database and connect it to my project with help of sequelize, an Node.js library regarding which I had done research earlier and implemented in my project. I was successfully able to store the records of the user into the database.

What I did well?

Implementation of Research work

After conducting the research on assigned tasks I was successfully able to implement multer middleware into CRUD operations and store the data into a database. This displays my ability to bridge the gap between theoretical understanding and practical implementation.

Database Skills

With additional research on MySQL, I was able to sharpen my knowledge regarding database and query furthermore. I was able to create database, retrieve data of various user using different queries, make changes in the database smoothly without facing many problems.

What could I improve on?

Node.js Skills

Even though I was successfully able to implement various libraries and complete my task on time, I faced a lot of errors and problems while implementing it, especially with multer. My supervisor assisted me by providing me ideas and by sorting some issues with the code itself.

Action I can take to improve my skills and learning.

Goal: To improve my Node.js skills during my internship

Action: Utilizing free time by working on my Node.js skills. Conduct more research on different topics and implement them. Seek help from supervisor and clear any queries. Watch tutorial and work on various projects to sharpen my knowledge and skills.

Timing: From 1st July and onwards.