

**LONDON METROPOLITAN UNIVERSITY**

**PROFESSIONAL WORK PLACEMENT**

## **LEARNING LOG**

**YOUR ID: 18030043**

**YOUR NAME: Sagar Poudel**

**YOUR COURSE: Work Related Module (WRL)**

**YOUR WRL TUTOR: Mr. Ravi Chandra Gurung**

**PLACE OF WORK: Group Phoenix Pvt. Ltd.**

**DATES OF ENTRIES IN LEARNING LOG:**

**2021-02-08 to 2021-02-18**

*Poudel  
Sagar*

**2021-02-19 to 2021-03-02**

*Poudel  
Sagar*

**2021-03-03 to 2021-03-14**

*Poudel  
Sagar*

**2021-03-15 to 2021-03-25**

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Sagar*

**2021-03-26 to 2021-04-08**

*Poudel  
Sagar*

**2021-04-09 to 2021-04-21**

*Poudel  
Sagar*

# LEARNING LOG (1)

For the period 2021-02-08 to 2021-02-18

## What have I done? (relate tasks to Learning Outcomes)

I met my supervisor and he introduced me to other coworkers. Afterwards, we had a conversation about tasks that I have to do during my internship period. He gave me tasks of making a Restro Point of sale system using Laravel framework(LO1). As per his instruction, I started my development by researching how to carry out Restro Point of sales using Laravel framework(LO2). I have searched and analyzed multiple similar projects related to the Point of Sales system(LO2). As Laravel project is a web development framework, I had also revised my knowledge on HTML, CSS and JavaScript(LO3) in order to get advantage on building software/systems. Along with researching and gaining knowledge on HTML, CSS and JavaScript, I had also started designing wireframes on Restro POS(LO3). Designing was done by using <https://balsamiq.com> (LO3). I have also designed and implemented initial and final Er diagram for making a database of system(LO1).

## What I did well (refer to skills used)

As I had previous knowledge of HTML, CSS and JavaScript which I had learnt from my college. Due to this I only had to revise some of the terms. As I have learnt the basics of Laravel Framework in Summer Class of college, it was no difficulty to start the project. I have developed quite good research skills because of assignments and coursework given to us in college. My research skills helped me a lot in searching about Pos systems and similar projects related to Restro POS systems.

## What I could improve on (i.e. skills I want to improve)

As this Laravel framework was not fully familiar to me but I managed to work on development of the system in order to improve my development skill. I am still learning and want to improve my research skills and development skills so it can help me in various aspects especially in time management.

## Action I can take to improve my skills and learning (make these "SMART"):

Goal: To improve my Development Skill

Action: Started Development of Restro POS using Laravel Framework

Timing:

## LEARNING LOG (2)

For the period 2021-02-19 to 2021-03-02

### **What have I done? (relate tasks to Learning Outcomes)**

In beginning of this log week, I had completed designing of system which includes wireframes and database design. This designing took a bit more time than I expected. I have reviewed my design several times to my supervisors and colleagues of office. Andeep rahi, Aakash Gurung helped me in making my design a bit user friendly (LO1, LO3, LO4). During designing period, I have done research about UI designs of POS system from various websites and social medias such as Facebook, Instagram, Pinterest etc.(LO2) I had also done my research and learnt about different techniques of HTML, CSS and JavaScript from websites such as w3shools, free frontend etc. for designing my project(LO2, LO7). After several iteration of design review to my supervisor, we discussed about using Bootstrap CSS library for making project easy for designing(LO6). At the end of this week, I managed to convince my supervisor about my design along with other database designs. He praised my research skills and suggested me to work on code part as design part was completed.

### **What I did well (refer to skills used)**

I had maintained my self-motivation skills after being rejected in designs by supervisor. I had turned my failure into my motivation in order to make my designs better than previous one. As design is an iterative process it needed a lot of researches and changes, I have done pretty much researches by surfing internet I order to finalize my design. I had also asked my other colleagues of office for helping on my project where my team working skills comes handy.

### **What I could improve on (i.e. skills I want to improve)**

Although my supervisor have praised me regarding my researching skills but this designing part took more time than I expected so , I want to develop my research and designing skills more so that I will be ahead of my time.

### **Action I can take to improve my skills and learning (make these “SMART”):**

Goal: To improve my Research and Designing Skill

Action: Done research on design of Restro POS system

Timing: 2021-April-08

# LEARNING LOG (3)

For the period 2021-03-03 to 2021-03-14

## What have I done? (relate tasks to Learning Outcomes)

After completing and getting green sign from supervisor on my design, I have started my coding part from beginning. As I have learnt some basics of Laravel framework on my summer class of college. I had revised some parts of summer class such as CRUD operation using Laravel framework before starting my coding on Restro POS system. I have also searched about use of HTML, CSS(Bootstrap) and JavaScript on my project (LO1,LO2, LO7). Before digging into code of Laravel framework, I looked for using HTML, CSS and JavaScript on various websites and practiced according to environment of my project(LO1,LO2,LO7). After learning, I moved to Laravel framework and eventually I found some fault in my design as all projected design can't be implemented in real life so , I made changes in design consulting my office colleagues before getting approval from supervisor for change in design(LO3, LO4).

## What I did well (refer to skills used)

I have used my previous development skills which I gained from summer class of my college which helped me a lot as I was just simple to revise and work on project and mainly it was time saving for me.

## What I could improve on (i.e. skills I want to improve)

I would like to improve my knowledge on HTML, CSS and JavaScript as enhancing those skills will help me in my future career.

## Action I can take to improve my skills and learning (make these "SMART"):

Goal: To improve skill and knowledge on HTML, CSS and JavaScript.

Action: Researched and practice HTML, CSS and JavaScript in Restro POS system.

Timing: 21-April-2021

# LEARNING LOG (4)

For the period 2021-03-15 to 2021-03-25

## What have I done? (relate tasks to Learning Outcomes)

At starting of this log week, I have completed half of my development and reviewed to my supervisor several times. I have almost completed crud operation of customers and items of resto pos system(LO1). My office colleagues Andeep Rahi, Alish Rai and Aakash Gurung helped me during development of CRUD in customer and items after I find some difficulties in retrieving data from database(LO1, LO4). My colleagues also suggested me about other websites that can give fruitful knowledge about HTML, CSS and JavaScript(LO7, LO4,LO6). At the end of this week, I have fully completed CRUD operations which includes inserting, deletion, editing of customers details and item details. I have used Bootstrap CSS in crud operation which made my elements such as textboxes, buttons etc. looks more user friendly(LO1, LO7).

## What I did well (refer to skills used)

I have used my team working skills for seeking help from my colleagues who helped me in development of my project.

## What I could improve on (i.e. skills I want to improve)

I want to improve my team working and development skill.

## Action I can take to improve my skills and learning (make these "SMART"):

Goal: To improve my Team working Skill

Action: Taken help from my colleagues for development of Restro POS system

Timing: 21 April, 2021

# LEARNING LOG (5)

For the period 2021-03-26 to 2021-04-08

## What have I done? (relate tasks to Learning Outcomes)

In the beginning of this log week, I have almost completed coding of Restro POS system. I have done sales part of resto pos system in this week. In sales part I have listed all the items that were registered previously and made them available to add and buy for customers. I have reviewed by sales part to supervisor and he gave me suggestion of making items searchable so that it would be easy for staffs to add items to cart(LO1). After getting suggestion, I researched about search mechanism in Laravel framework and found some search options like live search and button search. My colleagues andeep and alish suggested me to use button search as live search is not need for small project and I had added search options for items for sale which was later on approved by supervisor on reviewing(LO1, LO4).

## What I did well (refer to skills used)

I have used my research skills and team working skills in order to complete my project.

## What I could improve on (i.e. skills I want to improve)

I want to improve my developing skills on Laravel Framework.

## Action I can take to improve my skills and learning (make these "SMART"):

Goal: To improve my Development Skill

Action: Almost completed Development of Restro POS using Laravel Framework

Timing: 21 April 2021

# LEARNING LOG (6)

For the period 2021-04-09 to 2021-04-21

## What have I done? (relate tasks to Learning Outcomes)

At the starting of this log week, I have completed my project given by the supervisor, but I had new idea of making it more reliable and idea was to add bill after staff clicks pay button. This idea came in my mind by several research on similar projects(LO2,LO6) I approached my supervisor and talked about my idea to make project more user friendly and reliable. He was glad about my research skills and enthusiasm on project. After reviewing complete project to supervisor, I asked supervisor to present this project to him showing its workflow. I made presentation about working of this project and presented to supervisor who praised me about idea of presentation slides(LO5). As this week was last day of my internship, I have completed my given projects on Laravel framework and presented well in front of supervisor.(LO1,LO5)

## What I did well (refer to skills used)

I had used my presentation skills to present my project Restro POS system which was built using Laravel Framework. I had also shown my research skills to my supervisor by giving him idea of adding bill receipt after payment of items.

## What I could improve on (i.e. skills I want to improve)

I would like to improve my communication skill which I found bit low while presenting my project to supervisor.

## Action I can take to improve my skills and learning (make these "SMART"):

Goal: To improve my Presentation Skill

Action: Presented Slides about working of Project in front of supervisor.

Timing: 21 April 2021