INDUSTRIAL TRAINING REPORT

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INFRASTRUCTURE UNIVERSITY KUALA LUMPUR

INDUSTRIAL TRAINING

CSC 3820

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LMANIYA GROUP OF COMPANY

NEWROAD-4, KAILALI

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BACHELOR OF COMPUTER SCIENCE (HONS)

FACULTY OF CREATIVE MEDIA AND INNOVATIVE TECHNOLOGY

ACKNOWLEDGEMENT

First, I would like to thank my college, Sunway International Business School, for arranging the internship program for me. I am also grateful to LMANIYA GROUP OF COMPANY for recruiting me as an intern.

I am very grateful to my supervisor MadhuSudhan Kanwar who gave me moral support and guided me in different matters throughout the course of this internship. I am really privileged to have such dignitary and the suggestions he have provided to me were really praiseworthy. He went out of his way and provided me with openhearted help and counsel. He has been a source of inspiration for me and her experience and knowledge has helped me in learning new things and giving full effort to complete this internship.

I am thankful to Lmaniya Group for providing cordial support, valuable information and guidance, which helped me in completing various tasks given to me. I am very thankful for all the personalities, team members, friends, who have directly or indirectly helped me during this internship period.

DECLARATION

This report is prepared as a partial requirement for CSC 3820 Industrial Training.

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ENDORSED BY

ACADEMIC SUPERVISOR FIELD SUPERVISOR Date : Date :

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INTRODUCTION

1.1 INTODUCTION

An internship is the period of work experience offered by an organization for a limited period of time. It enables interns to gain first-hand exposure of working in the real world. It also allows students to harness the skill, knowledge, and theoretical practice they learnt in college. Sunway International Business School provides that glorious opportunity to their students of having an internship with their bachelor program.

Sunway College always emphasize on industry orientation in academic study. For these purpose industry people are invited to Sunway on Placement Day to talk about their companies and experience. The three-month internship program is another, possibly most effective, way of achieving industry orientation. In the report, I would like to describe my experience and problems that I had encountered during this internship program.

The company I worked for internship is LMANIYA GROUP OF COMPANY. It is an organization having a young and talented group of entrepreneurs and engineers with a groundbreaking idea that contribute towards a better tomorrow. It is a software developing company that provides web development, app development, and software development services to the clients throughout Kailali. This report has been prepared as a requirement of the internship program of the degree BCS-IT. This report is intended to reflect my achievements, project involvements and professional growth during the intern period. This report gives an insight of the experience that I faced in my workplace at LMANIYA GROUP OF COMPANY.

In this report, I will explain on the task and job given by supervisor and experiences what I have learn throughout the whole industrial training. Furthermore, will also discuss on the problems encountered during intern program and their solutions for each of the problems.

ORGANIZATION'S BACKGROUND

2.1 HISTORY

Figure 2.1: Lmaniya Group of company

Lmaniya group of company was founded on November 21, 2019, a private company in the sectors of technology, software development, employment and innovation located in Newroad-4, Kailali, Nepal. It was established to develop new ideas and provide services to the users who really required the service.

The main purpose to establish this organization is to take new ideas and innovations into reality and help the people to complete their work digitally and peacefully without any hesitation and hard work. Since this organization is just a startup company, so there is no much history but it has already started to develop new projects and ideas that can help people in different fields such as bill generating and statements recording website which helps user to print transaction bills and save their company's transactions statement easily which is available only in Nepal.

2.2 MISSION

    a. Create new ideas, processes, understanding, services and products.

    b. Ensure the quality of products and services.

    c. Ensure best customer satisfaction.

    d. Research new innovations and implement them into practice.

    e. Work tirelessly for the betterment of the country's economy sector.

    f. Provide employment to new faces and new idea creators for betterment of future.

2.3 OBJECTIVES

    a. To build an organization where the new, best and most creative minds can work without any boundaries and barriers.

    b. To make new innovative technology more efficient, convenient, safe and reliable to users in this country.

    c. To ensure that the end result meets the company and customer requirements.

    d. To gain the assurance of the clients by giving them top quality products.

    e. Invent new ideas of a software for solving all the user problems.

2.4 PRODUCTS / SERVICES

    a. Products:
        i. Billing System
        ii. Customer Website (Ticket Booking System)

    b. Services
        i. Website Development
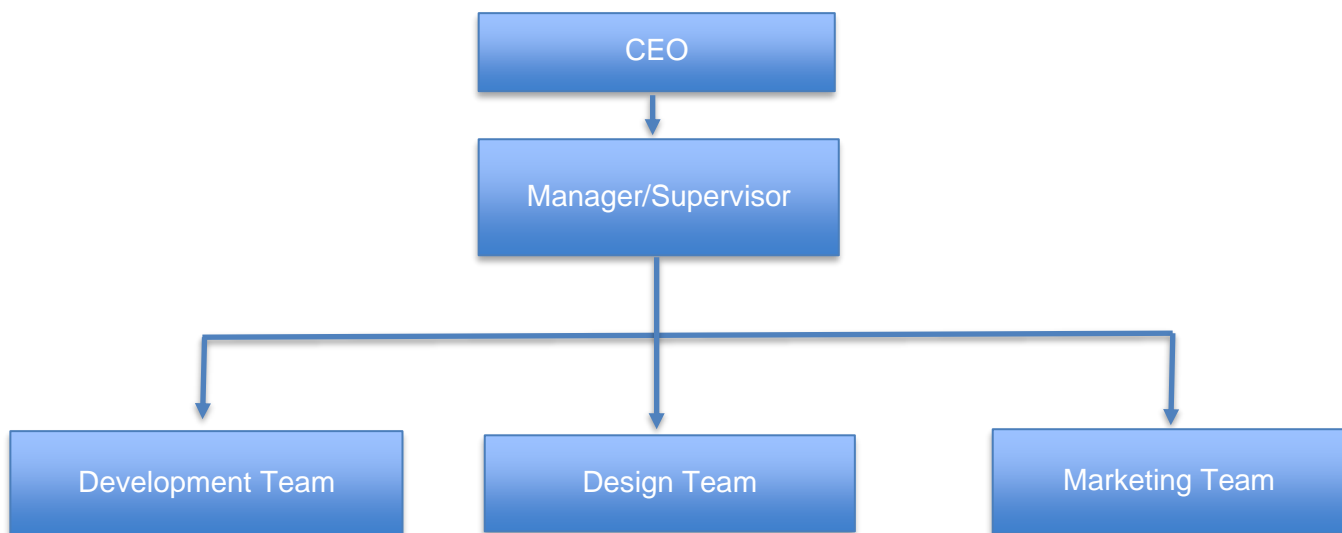   ii. Application Development

2.5 MANAGEMENT STRUCTURE

Figure 2.2: Organization Chart

JOB FUNCTION / TASK

3.1 TASK DESCRIPTION

The following are the tasks that I undertook during the internship at Lmaniya group.

3.1.1 Website Design

I was given the task to design a responsive website of ticket booking for the customer, design own portfolio and a billing system with my team members. It involved learning and applying different web design technologies and frameworks such as HTML, CSS, JavaScript, Bootstrap, PHP, etc. I started working at the design from the first week of the internship up to end of the internship.

3.1.2 Website Template Design

I was also given a task with team members to design a simple template for own portfolio and billing website. Since I was hired for web developer but for our general knowledge to template design, I learned some simple template design in adobe XD with the help of supervisor from first week of joining internship. I designed both template and website simultaneously as requirements and also used www.canva.com for some picture design to insert in the website.

3.1.3 Database Design

I was also given a task with team members to create database to implement in website to record viewer's feedback and in billing website to insert customers, transaction and many more data required in the system. I learned about MySQL queries and also XAMPP to use in the system to store data. I used when the system required database tables during the phase of designing websites.

3.2 TASK CHALLENGE

3.2.1 PROBLEMS ENCOUNTERED

The following are the problems encountered during the internship are as follows:

a. Difficulty in learning advance JavaScript queries as it was new for me.

b. Took almost 2 days for knowing MySQL subquery and functions used in backend of PHP.

c. Difficulty in generating pdf file after inserting data in billing website.

d. Took some more time in learning bootstrap framework for designing frontend of websites.

3.2.2 METHOD / TECHNIQUES ON HANDLING THE PROBLEMS

The following are the techniques how I handled the problems encountered during internship:

a. Asked with the supervisor and viewed some online courses and tutorials as suggested by the supervisor.

b. Resolved MySQL subquery and PHP functions by asking questions in online forums for help.

c. Learned to create pdf file by some online courses and from websites such as www.w3schools.com and www.fpdf.org.

d. Learned bootstrap through many online tutorials and from websites such as

www.w3schools.com and www.getbootstrap.com.

3.3 SUMMARY OF EXPERIENCE GAINED

3.3.1. SKILLS GAINED

a. Technical Skill

i. Able to design templates through adobe XD.

ii. Able to design frontend of website according to requirement.

iii. Able to insert images in database through MySQL query.

iv. Able to learn SQL queries, JavaScript and PHP functions.

v. Get more familiar with bootstrap and JavaScript to design website.

vi. Learned about backend design through PHP and MySQL.

b. Soft Skill

i. Communication skill is improved as I should interact with team members and supervisor during discussion of projects development.

ii. Planning skill is improved because during coding website I should plan accurately to perform different tasks.

iii. I started to complete tasks more accurately at given time, so my time management skill is also improved.

CONCLUSION

In conclusion, during my intern period I found myself that I should learn and research more things to conduct in real world. I figured out that communication skill and time management is the most important part for successful implementation of any project and for solving many problems in life. The most important thing is to communicate with head team and team members in order to discuss the requirements and time management to complete given tasks in given time.

Although, many beginner web developer thinks that the role of web developer is just to write codes and develop websites but in my view being a web developer they should learn more coding and designing ideas which helps to complete task more accurately and beautifully.

Overall, this internship helped me to gain more knowledge about website development and also gained more skills which are required in software industry which helps to adapt their culture, work environment and all about software development. By communicating with each team members and supervisor frequently and completing each and every tasks with full effort at given time gave me the faith to develop a never give up attitude.
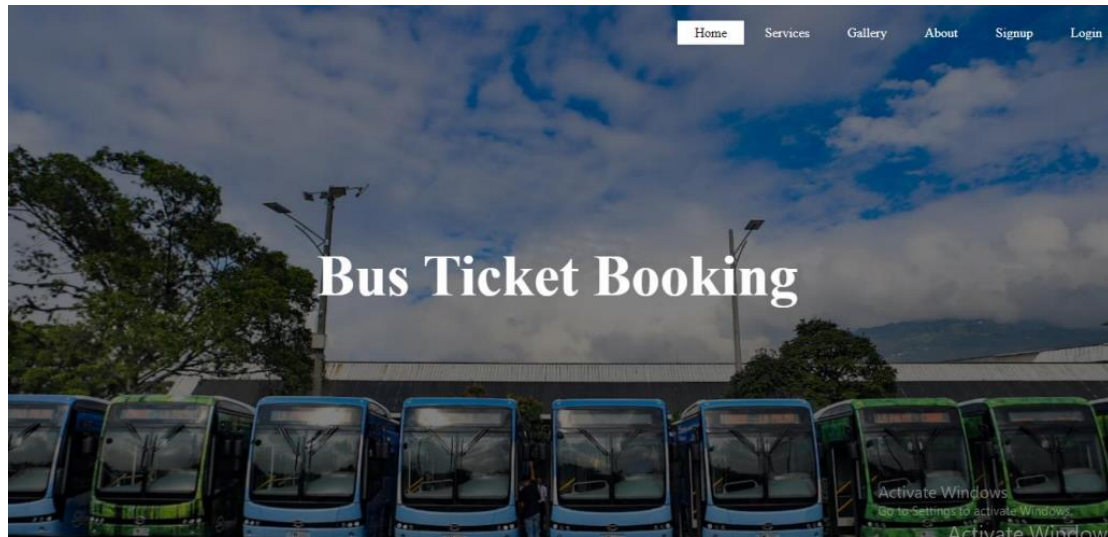
Finally, I am glad to enter as Lmaniya Group as an internship program has increased my team work capabilities. I feel thankful for everyone who supported me directly or indirectly throughout the internship for providing me an opportunity to gain idea of the competitive environment in the professional world. My software development skills in terms of design and coding has lifted my confidence to face the upcoming challenges of the world.
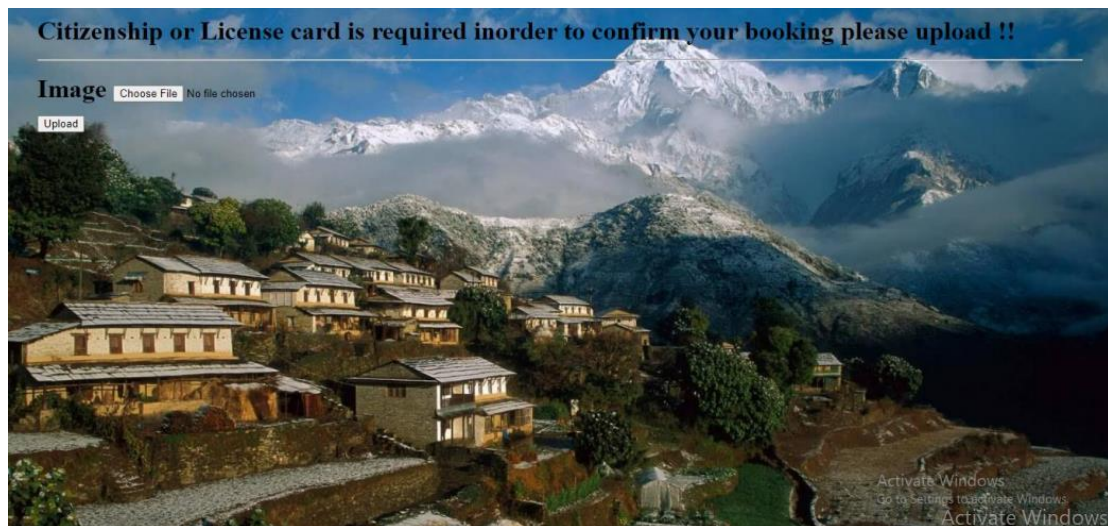
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APPENDIX A

1.Website Homepage

2. Portfolio Homepage

3. Billing Website Login Page

4. Billing website customer detail page

CUSTOMERS DETAIL

ID	Name	Email	Address	Contact	Destination	Person	Price	Reservedate	Action s
39	yuwak	olduser	olduser	982121242102	Butwal	2	2400	2020-10-10	
40	yuwak	bistyuwak@gmail.com	dhangadhi	9800640628	Dhangadhi	2	3600	2020-10-03	
41	yuwak	olduser	olduser	9800640628	Butwal	4	4800	2020-10-02	
42	yuwak	olduser	olduser	9800640628	Pokhara	7	10500	2020-09-18	
43	yuwak	bistyuwak46@gmail.com	ktm	789456	Pokhara	5	7500	2020-10-01	
44	yuwak	bistyuwak46@gmail.com	ktm	9800640628	Butwal	2	2400	2020-09-25	
45	yuwak	bistyuwak46@gmail.com	ktm	789456	Pokhara	5	7500	2020-10-03	
46	yuwak	olduser	olduser	9800640628	Pokhara	7	10500	2020-10-01	
47	yuwak	olduser	olduser	9800640628	Dhangadhi	7	12600	2020-10-02	
48	yuwak	olduser	olduser	9800640628	Dhangadhi	7	12600	2020-10-02	
49	hgvfvv	bistyuwak46@gmail.com	,lklklkl	98006406289	Dhangadhi	5	9000	2020-10-03	
50	yuwak	olduser	olduser	9800640628	Butwal	2	2400	2020-10-09	

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