

## **Declaration by Candidate**

I do hereby declare that this project documentation is my own work and effort and experience at UJPS ACADEMY PVT LTD and this training report is submitted in partial fulfillment of the requirement of the course leading to the award of the Higher National Diploma in Information Technology (HNDIT) in Sri Lanka Institute of Advance Technological Education (SLIATE). Where other sources of information have been used. They have been acknowledged.

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Date

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## **Acknowledgment**

I would like to express my deep appreciation to all those who have given me the opportunity to complete this industrial report. First of all, I got this opportunity to prepare this training report, I wish to thank **Mrs.Nadeeshika Ruwandi Meddage, Head of the Department of Information Technology, Sri Lanka Advanced Technological Institute in Dehiwala (SLIATE)**. as well as I thank all those who contributed to me for contributing.

By applying for an institutional training, a valuable and productive training is provided. I **National Apprentice and Industrial Training Authority (NAITA)**.

I would like to express my deep sense of gratitude to my respected **Project manager Mr. Prasad** for his support & cooperation.

Secondly I would like to thanks my close friends & well wishers who were there for me whenever required.

Finally, my special heartiest thank to my parents. They supported and encouragement to me during my training period. And my dear friends who helped me when I had a problem in my industrial training and personally who supported me in numerous ways for the successful completion of this industrial training.

# **Introduction**

## **Overview introduction**

The Higher National Diploma in Information Technology (HNDIT) has been originated by the SLIATE is one of the leading computer Diploma program over Sri Lanka, with a view to produce the mostly needed expertise in the field of Information Technology for both private and public sector enterprises.

The IT courses that are available in the country cater only to a small privileged, a fluent group of students. The purpose of the HNDIT course is to cater to a less privileged, sub urban and rural selection of the student population of the country.

HNDIT is a full time diploma in English medium with 2 ½ years duration and it is the first national level IT diploma conducted in a public institute. HNDIT consists of 06 months continuous industrial training at the end of the 2nd year and it conducts by the NAITA (National Apprentice in Industrial Training Authority).

## **Practical Training**

In order to gain practical exposure in IT, students are placed in selected organization in private or government sector for six months. For that period, the trainers are attached to the department IT by the National Apprentice and Industrial Training Authority (NAITA), who conducts the training. Completion of this practical training is essential to be awarded the Higher National Diploma in Information Technology.

Industrial training provides opportunities for practical training in industries for students, and this training enables students to ensure the theoretical concepts learnt at the institute to practice in industries.

The Objectives of the Industrial Training are to get the experience of the industry and fill the gap in between theory and practice to understand what is required by the industry and to get a clear understanding of Information Technology in practice.

### **Goals of the Diploma**

- ✓ To provide IT personal cater to the demands in the next millennium
- ✓ To provide conceptual basis for more advanced studies in IT

### **Objectives of the Diploma**

At the end of the diploma, the students are able to,

- ✓ Occupation as a Software Developer
- ✓ Gain skills in Network Administration
- ✓ Occupation as a Data Processing Manager
- ✓ Train personals in IT skills
- ✓ Use IT skills in the area of automation
- ✓ Make use of IT skills in decision making in an organization

## **Preface**

This report was prepared after the successful completion of my training period at the **UJPS Academy (Pvt) Ltd**, from 02<sup>nd</sup> November 2020 to 02<sup>nd</sup> May 2021. It consists of three chapters. Chapter one gives an introduction on the training organization. Other chapters describe the technical experience gained from the company.

In the phase of Introduction about Training institute, I have attached background of the company, co-operate plan, management style and its professional information.

In the second phase it will discuss about the training and experience I have gained and the tool and technologies used, projects that I was involved, development outcomes, problems encountered and the solutions I found out so on.

In the third phase the observations and comments about the company and the training will be discussed. And I have concluded with my opinion about my training place and the value of their training directions.

Overall within the training period of six (6) months I gained workplace experience of real world projects. Meanwhile, I could utilize my software developing knowledge learnt at SLIATE (ATI - Dehiwala) and I got to know industrial techniques and standards at UJPS Academy (Pvt) Ltd.

I have presented in this report about the training that I have experienced in six (6) months and is related to the Daily Diary. And I have included some user-interface, images and their descriptions to this report from the systems I have done in training period. I refer some notes from the Internet and other sources. I include a list of reference and data sources that I referred at end of the report.

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