SIX MONTHS INDUSTRIAL TRAINING

TRAINING REPORT

UNDERTAKEN AT

"SHREE SARASWATI SECONDARY SCHOOL"

IN

"DEPARTMENT OF COMPUTER ENGINEERING"

ON

"Enrollment and Result Management System Using C# in Visual Studio"

SUBMITTED IN PARTIAL FULFILLMENT OF THE DEGREE

IN

COMPUTER ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING
National Examination Board, Sanothimi, Bhaktapur
NOV, 2023

Under the Guidance of:
Name: Er. Amit Rajbanshi
Designation: Instructor (Co-Ordinator)
Department: Computer Engineering

Submitted By:
Name: Aakash Neupane
College Roll No.:01
Symbol no.: 24600877

Shree Saraswati Secondary School

Satyawati-06, Johang, Gulmi

CERTIFICATE

This is to certify that the OJT report entitled " **Enrollment and Result Management System Using C# in Visual Studio**" prepared by **Aakash Neupane**, a legitimate student at Shree Saraswati Secondary School after completion of 6 months of OJT in the academic year 2080. The OJT report has been approved as it satisfies the academic requirements in the respect of On-Job-Training prescribed for the overseer of Computer Engineering.

.....	.....	.....
Head of Department	External Supervisor	Head Teacher
Er. Amit Rajbanshi		Chhabilal Bhandari

ACKNOWLEDGEMENT

I express my sincere acknowledgement to the holy sanctum of SHREE SARASWATI SECONDARY SCHOOL for giving us an opportunity to purse overseer degree in Computer Engineering and thus helping in shaping career.

I would like to take this opportunity to thank all the people who are a part of this OJT in numerous ways, people who gave their unending support right from the state of beginning till the end.

I express my sincere thanks to **Mr.Chhabilal Bhandari**, Principal of Shree Saraswati Secondary School, for providing me the facilities.

I am greatly indebted to our guide **Er.Amit Rajbanshi**, Instructor and Co-ordinator of Computer Engineering department for his valuable suggestions, guidance and encouragement in completion of OJT successfully.

I would like to thank all teaching and non-teaching staffs of Shree Saraswati Secondary School for their immerse help and co-operation.

Nov-16, 2023

Aakash Neupane
24600877

ABSTRACT

The “" Enrollment and Result Management System” offers an intuitive user interface developed in C# and backed by MySQL as its database management system. Functioning on the local host, the application boasts an efficient design that minimizes memory usage, ensuring quick loading on older devices and with limited data. It operates on the .NET framework, including versions like .NET 5.0, .NET Core 3.1, or .NET Framework 4.8, providing users with a seamless experience while prioritizing simplicity over adopting the latest .NET framework versions such as .NET 6.0 and .NET 7.0.

The system stands out for its exceptional runtime performance, delivering academic information for the effective tracking and management of academic performance. This emphasis on efficiency removes unnecessary delays, contributing to a user-focused experience. In the academic landscape, our system facilitates easy access to vital academic data, providing a streamlined solution for effective monitoring and management of academic performance.

TABLE OF CONTENTS

S. N	CHAPTER NAME	PAGE NO.
	ACKNOWLEDGEMENT **ABSTRACT** **LIST OF FIGURES**	**III** **IV** **IV**
1.	INTRODUCTION 1.1 Outline of the Project	 1
2.	LITERATURE SURVEY	2
3.	Aim and Scope of the project. 3.1 Purpose of the Project 3.2 ER Diagram	 3 4
4.	Methods and Materials Used 4.1 Performance Requirement 4.2 Working Explanation 4.2.1 User Authentication 4.2.2 Student Enrollment 4.2.3 Result Management 4.2.4 Academic Planning Management 4.2.5 Security & Access control 4.3 MYSQL	 5 6 6 6 6 6 6 7
5.	Results And Discussion	8-13
6.	SUMMARY and CONCLUSION	14
7.	APPENDIX Source Code	 15-76
8.	Hosting website in.com.np • Hosting • Portfolio • Cloudflare • SSL	77 77 77 77 78

	• DNS • GitHub • Git	77 78 79
9.	Steps for hosting Website	80-81
10.	Snapshot of Portfolio	82-84
10.	REFERENCES	85

LIST OF FIGURES

Figure No.	TITLE	PAGE NO.
3.2.1	Er Diagram	4
4.1	Login Page	8
4.2	Student Add Page	8
4.3	Student Update Page	9
4.4	Student Delete Page	9
4.5	Academic Add Page	10
4.6	Failed Student Page	10
4.7	Passed Student Page	11
4.8	Academic Update Page	11
4.9	Academic Delete Page	12
4.10	Dashboard Page	12
5.1	Academics Table Page	13
5.2	Student Table Page	13
6.1	Home/Intro Page	82
6.2	About Page	82
6.3	Skills Page	83
6.4	Projects Page	83
6.5	Contact Page	84