

Horizon Gautam Buddha Secondary School

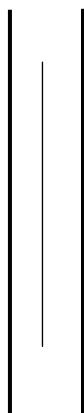


Tilottama-01, Rupandehi, Nepal

Final Exam Project Report

On

“LIBRARY MANAGEMENT SYSTEM”



Submitted By :

12 'C' ,Group-'C'

Submitted To:

Arjun Aryal

Team Members :

- 1.Samrat Ghimire
- 2.Aashish Panta
- 3.Mausam Chettri
- 4.Sandesh Kandel
- 5.Madan Kandel
- 6.Shishir Regmi
- 7.Pradip K.Jaiswal
- 8.Surendra Yadav
- 9.Aakash Gupta
- 10.Samir Ghimire
- 11.Awadesh Gupta
- 12.Raj Ghimire

APPROVAL LETTER

To Subject Teacher

Mr./Ms.

Gautam Buddha Secondary School

Tilottama-5, Rupandehi, Nepal

Approval of the proposal

Dear Sir,

As a class 12'C' student of Horizon Gautam Buddha secondary school, I would like to work on "**Library Management System**" for the project work to be submitted to the department of computer science. I will be working under the supervision of the Mr. Arjun Aryal. Therefore, I am submitting this project report which is the field of computer software development, hereby, I kindly request **you to consider my proposal.**

Thanking you on your consideration.

Yours sincerely,

Samrat Ghimire

Approved by:

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Mr. Gopal P. Acharya	Mr. Pradip Aryal	Mr. Arjun Aryal
Principal	Coordinator(sci)	Project Coordinator

Introduction

ABOUT THE TOPIC: This project has been made to demonstrate simple library management system via C. It is a computer program or application that helps keeping the data of a library safe maintaining the processes of keeping records easy and standard through the use of computer .This program utilizes the concept of data file handling of C, and also uses the user defined functions of C, keeping us limited to the knowledge taught to us by our syllabus of NEB's Grade 12.

Methodologies

1. Feature Analysis
2. Team's Work Division
3. UI Design
4. Coding
5. Debugging/Testing

Feature Analysis

During the feature analysis process, we discussed what features can/should we add and we came to a conclusion of adding:

- | | |
|----------------|----------------|
| 1. Take Book | 5. Remove Book |
| 2. Submit Book | 6. Search |
| 3. View Book | |
| 4. Add Book | |

Team Division

We discussed on our own and separated the part where we could give our best based on the experience we have and as a conclusion, we were clear on what are our task in this project.

UI Design

We already had our requirement clear so we planned to follow Top Down programming paradigm for this process dividing the big parts into smaller parts. The Designer and programmers were majorly involved in this process.

Coding

We were all set to go and so were our passionate programmers and we decided to choose Dev C++ as Standard IDE for this project because it is majorly designed for C and C++and also because we could share the code easily among each other.

We ended up having 500 lines of code.

Debugging

We didn't had much bug over our program but we were facing an issue where our data weren't saving to .txt file so, we later on fixed it by changing the mode of file.

Summary

As a conclusion, it is a good experience working with classmates which promoted our bond of mutual co-operation. It was the first standard program we ever built which helped take some experience about the process of building a program.