

A “MAJOR PROJECT” PROPOSAL

ON

**PROJECT ‘E-LIBRARY MANAGEMENT SYSTEM’**

“A Complete Website in Digital Platform”

**SUBMITTED BY**

Kushal Shakya

Priyesh Yadav

Chandrakala Yadav

**SUBMITTED TO**

ER .MAHESH SHAH

Program Co-ordinator

Department Of Computer Engineering

**ACKNOWLEDGEMENT**

This proposal has been prepare for ‘major project’, based on curriculum of CTEVT for 3rd year 2st part of Diploma in computer engineering. This report has been prepared based on about the information of E-library. All the features and making processes of this website are represent in this report.

During the development phase we have faced some problems. All those without whom this project would not been reality. Our thanks for helpful suggestions go to **Er. Mahesh shah** (Hod of computer department) who gave his immense support dedicated his time towards it and made us understand how to make this project . We thank **Tika Chanka Rai** **Sir** who also supported us in this project. Without the guidance, the project would not have been complete.

We want to thanks CTEVT, which gave us an opportunity of make project and enhanced our knowledge in this field a little winder than before.

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**Proposal letter**

18th Mangshir, 2079

To,

The program coordinator

Sunsari technical college

Dharan-4, sunsari

**Subject:Proposal For E-Library Website**

Respected sir,

We would be happy to submit a proposal for college website in such a reputed institution. We can schedule the start of work from 2079-08-21 and complete within 2079-10-15 form the date of start. Here we are going to submit the ‘Major Project’ proposal of 6th semester. This project is based on curriculum of CTEVT for 3rd year 2st of Diploma in computer engineering. This proposal contains a general overview of the project and represents the features of the project. We’ll provide full information about library regarding faculties book, staffs, Card Issue and many more.

The title of our project is ‘E-Library Management System’ which can be used for gathering the information about Library. As mentioned with this proposal, we have given brief information about ‘Library’. It contains all the information in a structure manner, by that the visitor can access the site easily. This website is developed by Students and intended to use by individuals with web access.

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We faithfully believe on that we will have gain knowledge on making process of project.

If you would like to have our group completes this project, please sign one of this letters and return it to us with your permission. If you have any questions regarding the terms of this proposal, please email us at [**librariansupervisor@gmail.com**](mailto:librariansupervisor@gmail.com).

Sincerely,

Priyesh Yadav

Chandrakala Yadav

Kushal Shakya

Accepted by,

Er. Mahesh Shah

(Program Co-ordinator D.COM)

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**Preface**

The Project Library Management System aims at developing a fully functional computerized system to maintain all the day-to-day activities of a library. Today’s world is technological world, everyone peoples wants to easier, faster, and more reliable. Nobody peoples have time to spend for long.  
Everyone needs accurate and correct work at less time. For filling up the requirement of peoples, more advanced technology, machine or device are required. Through the technology machine or devices. We can feel up the requirements of peoples using different software, applications, or programs.

Our project name is “E-Library “. It is related with library management system which has a clear vision about providing information about card issue , book reservation , book availability , available staff and other details, and also to use the available details for Strategic planning by the management. Taking on student feedback and supporting the Students to achieve in a more data driven way.

This project has many features which such as the facility of user login and teacher’s login. Also, on top of all this, there is an admin who will be managing the entire system authorization and authentication. No-one can log-in and modify the data without any authorization , as a login for admin is also available.

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**Objectives**

* ToAddressBook Issue
* To Provide Book Stock Maintenance
* Online Book Reading

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**INTRODUCTION**

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**ibrary Management System** is all about organizing, managing the library and library -oriented tasks . It also involves maintaining the database of entering new books and the record of books that have been retrieve or issued, with their respective dates.

The Main Aim of this project is providing an easy to handle and automated library management system. This project also provides features and interface for maintaining library’s records , student’s history of issue fines. The owner can easily update, delete and insert data in the database with this project. It helps librarian to maintain the database of new books and the books that are borrowed by members along with their due dates. This system completely automates all you library’s activities.

It is a Web based Online Public Access Catalog system where anyone can get access to the webpage. In traditional libraries, the students/user has to search for books which are hassle process and there is no proper maintenance of database about issues/fines.

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**RESOURCES & TOOLS**

**Visual Studio Code** is a free source code editor made by Microsoft for windows,Linux and mac-oc.Features include support for debugging syntax highlighting, intelligent code completion, snippets code refactoring,and embledded Git. User can change the theme, keyboard shortcuts, preference,and install extension that add additional functionality.

**HTML** stands for Hyper Text Mark-up Language. It is used to design web pages using mark-up language. HTML is the combination of Hypertex and Mark-up language. Hypertext defines the link between the web pages.Maek-up language is used to define the text document within tag which defines the structure of web pages. This language is used to annotate text accordingly.

**JavaScript** often abbreviated as **JS**, is a programming language tha conforms to the ECMA script specification. Javascript is high-level, often just-in-time compiled, and multi-paradigm.it has curly-brackets, syntax, dynamic typing prototype based object-orientation, and first-class functions.

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**Font Awesome** is a fontand icon toolkit based on CSS and Less. Font Awesome is used in more than 38% of sites. It is a widely-used icon set that gives you scalable vector images that can be customized with CSS. It contains more than 1,600 icons and is free for use.

**CSS** stands for cascading style sheet .CSS describe how HTML elements are to be displayed 0 screen, paper or in other media.CSS saves a lot of work. It can control the layout of multiple web pages all at once.

**Database** is information that is set up for easy access, management and updating. Computer databases typically store aggregations of data record of file that contains information, such as customer data, financials and product information etc.

**PHP** is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by The PHP Group.

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**HARDWARE AND SOFTWARE REQUIREMENTS**

Requirement of hardware and software are listed on table below with their importance.

* **Hardware Requirements**

|  |  |  |
| --- | --- | --- |
| **S.N** | **Hardware Name** | **Importance** |
| **1** | **Laptop** | **For coding, designing compiling and running program.** |
| **2** | **Pen Drive** | **For storing important files and data backups.** |
| **3** | **Printer** | **For Hardcopy output.** |

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* **Software Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N** | | **Software Name** | **Importance** |
| **1** | | **Visual Studio Code** | **IDE for syntax highlighting, bracket-matching, auto-indentation, box-selection, snippets and more.** |
| **2** | | **Web browser such as : Chrome, Microsoft Edge etc.** | **For Displaying the output.** |
| **3** | | **Office 365** | **For creating documents like proposal , reports.** |
| **4** | **Database** | | **For Storing structured information or data electronically in a computer system.** |
| **5** | **Photoshop** | | **For Designing Logos or editing images for webpage.** |

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**Time And Costing**

**Time Estimating**

We will Estimate that our project will be complete appropriately in six weeks or approx one month twelve days is given on table below.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.n** | **Work Weeks** | **1st** | **2nd** | **3rd** | **4th** | **5th** | **6th** |
| **1** | **Planning** |  |  |  |  |  |  |
| **2** | **Research and data collection** |  |  |  |  |  |  |
| **3** | **Analyzing** |  |  |  |  |  |  |
| **4** | **Coding and Testing** |  |  |  |  |  |  |
| **5** | **Preparation of report** |  |  |  |  |  |  |

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**Cost Estimation**

As we have planned and studied the project is costly although it will more feasible in terms of economic factors, it will not be too expensive. The total cost estimation of our project is shown in table.

|  |  |  |
| --- | --- | --- |
| **S.N** | **PARTICULARS** | **Amount(Rs)** |
| **1** | **Print** | **190** |
| **2** | **Internet** | **2,350** |
| **3** | **Cd** | **100** |
| **4** | **Pendrive** | **550** |
|  | **Total** | **3,190** |

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**Result**

We are sure that we will complete our project in the given time with as expected result. In abstract, the project “**E-Library Management** **System**” success to do the work as per desired by ourselves.

**CONCLUSION**

Working on the project, we can say that our project seems useful in the field of Education. Using it, user can save the time by direct checking the availability of book in the library through webpage instead of visiting the library.

Due to this project, any of the user can get information faster. It helps to give information about the library card issue, book availability as we have already mentioned above. We are working hard to achieve goals of the project that we have made it.

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