

INTRODUCTION

This chapter gives an overview about the aim, objectives, background and operation environment of the system.

1.1 PROJECT AIMS AND OBJECTIVES

The project aims and objectives that will be achieved after completion of this project are discussed in this sub-chapter.

The aims and objectives are as follows:

- Online book reading.
- A search column to search availability of books.
- Facility to download required books.
- Video tutorial for students.

An Admin login page where admin can add books, videos or page sources Open link for Learning Websites

1.2 BACKGROUND OF PROJECT

E-Library Management System is an application which refers to library systems which are generally small or medium in size. It is used by librarians to manage the library using a computerized system where he/she can add new books, videos and Page sources. Books and student maintenance modules are also included in this system which would keep track of the students using the library and also a detailed description about the books a library contains. With this computerized system there will be no loss of book record or member record which generally happens when a non-computerized system is used. All these modules are able to help librarian to manage the library with more convenience and in a more efficient way as compared to library systems which are not computerized

DISPLAY TECHNOLOGY

SOFTWARE TOOLS USED

The whole Project is divided in two parts the front end and the back end

2.3.1 Front end

The front end is designed using of HTML , PHP ,CSS, Java script

HTML

HTML or Hypertext Markup Language Is the main markup language for creating web pages and other information that can be displayed in a web browser.HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like `<h1>`), within the web page content.HTML tags most commonly come in pairs like `<h1>` and `</h1>`, although some tags represent empty elements and so are unpaired, for example ``. The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). In between the start and end tags, web designers can add text, further tags, comments and other types of text-based content. The main purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

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CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation.CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable

5.1 Snapshot for homepage



The following web pages Constitute the 'College Library Management' Website

- Main Page

- Consisting of the welcome and Registration columns

- Login Page

- Includes an Interface to Login both for User and Administrator
- A forgot Password facility

- Admin Page

- Includes links to other pages: Add Books, Remove Books, Manage Users
- Has a welcome page with profile option

- A Logout tab
- A User page
 - Includes links to other pages: Issue Books, Account, Return Books
 - And a welcome page with profile option
 - A Logout tab

5.1.1 ADMIN HOME PAGE



5.1.2 ADD PUBLICATION

welcome	ADD NEW PUBLICATION
Admin	
ADD PUBLICATION	
ADD BOOK	
BOOK Report	
ADD Branch	
ADD Student	
Student Report	
Issue Book	
Issue Report	
Return Book	
Penalty	
LogOut	

Publication Name : ??

Publication

[Delete](#) [Edit](#) Tenchnical

[Delete](#) [Edit](#) Tech-Max

5.1.3 ADD BOOK

welcome	ADD NEW BOOK
Admin	
ADD PUBLICATION	
ADD BOOK	
BOOK Report	
ADD Branch	
ADD Student	
Student Report	
Issue Book	
Issue Report	
Return Book	
Penalty	
LogOut	

BookName :

Detail :

Autor :

Publication :

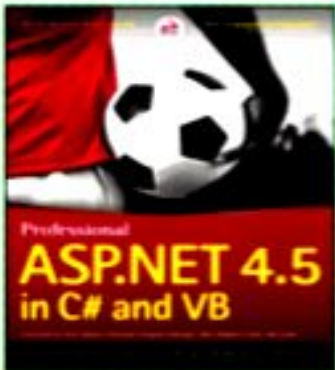
Branch :

Price :


Quantity :

Book Photo :

5.1.6 ISSUE BOOK

welcome	BOOK ISSUE FORM	
Admin		
ADD PUBLICATION	Select Publication : <input type="text" value="Tenchnical"/>	Select Book : <input type="text" value="ASP.Net"/>
ADD BOOK	<input type="button" value="SELECT"/>	
BOOK Report	View Book Detail	
ADD Branch	Book Name : ASP.Net	
ADD Student		
Student Report	Autor : ABC Publication : Tenchnical Branch : it Price : 1200	
Issue Book	Total Quantity : 3 Availabale Qnt : 2 Rent Qnt : 1 Detail : cdda	
Issue Report	Select Student Detail for Issue Book	
Return Book	Select Branch : <input type="text" value="it"/>	Select Student : <input type="text" value="Rahul"/> Days : <input type="text" value="5"/>
Penalty	<input type="button" value="Book Issue"/>	
LogOut		

5.1.7 REPORT BOOK

welcome	BOOK RETURN FORM	
Admin		
ADD PUBLICATION	Select Student : <input type="text" value="raj"/>	Select Book : <input type="text" value="ASP.Net"/>
ADD BOOK	<input type="button" value="SELECT"/>	
BOOK Report	View Book Detail	
ADD Branch	Book Name : ASP.Net	
ADD Student		
Student Report	Autor : ABC Publication : Tenchnical Branch : it Price : 1200	
Issue Book	Student Name: raj Days : 10 Issue Date : 19/04/2016 11:27:53 AM Penalty Status : NO	
Issue Report	<input type="button" value="Return Book"/>	
Return Book		
Penalty		
LogOut		

5.1.8 PENALTY

welcome	PANALTY FORM	
Admin	Select User for Panalty : <input type="text" value="ra"/>	Select Book : <input type="text" value="ASPNet"/> <input type="button" value="Select"/>
ADD PUBLICATION	View Book Detail	
ADD BOOK	Book Name : ASP.Net	
BOOK Report	Autor : ABC	
ADD Branch	Publication : Tenchnical	
ADD Student	Branch : it	
Student Report	Price : 1200	
Issue Book	Student Name: raj	
Issue Report	Days : 5	
Return Book	Issue Date : 19/04/2016 11:27:53 AM	
Panalty	Panalty Status : Yes	
LogOut	Panalty Amount : <input type="text" value="100"/>	
	Reason : <input type="text" value="late fees"/>	
	<input type="button" value="Pay Now"/>	


5.2 STUDENT VIEW

5.2.1 STUDENT HOMEPAGE

welcome	WELCOME TO LIBRARY SYSTEM	
		
Rahul		
MY ACCOUNT		
MY Report		
PANALTY Report		
BOOK Report		
LOGOUT		
		

5.2.2 STUDENT ACCOUNT PAGE

welcome



Rahul


MY ACCOUNT

MY Report

PANALTY Report

BOOK Report

LOGOUT



MY ACCOUNT

VIEW ACCOUNT

EDIT ACCOUNT

CHANGE PASSWORD

MY Account Detail

Name : Rahul

Mobile : 7878787878

Address : modasa


City : modasa

Pincode : 383315

Email : rahul@yahoo.com

5.2.3 STUDENT REPORT PAGE

welcome



Rahul


MY ACCOUNT

MY Report

PANALTY Report

BOOK Report

LOGOUT



VIEW BOOK

Select Branch :

View

Select Publication :

View

2 - Records Found

BookName	Price	Qnt	Availabale	Rent	View
ASP.Net	1200	3	3	0	View
SQL Server	1000	3	3	0	View

5.2.6 CHANGE PASSWORD

welcome		MY ACCOUNT	
		VIEW ACCOUNT EDIT ACCOUNT CHANGE PASSWORD	
Rahul			
MY ACCOUNT			
MY Report			
PANALTY Report			
BOOK Report			
LOGOUT			
		<div>Change Password Enter New Password : <input type="password"/> Confirm - Password : <input type="password"/> Change Password Enter Password</div>	

CONCLUSION

This website provides a computerized version of the library management system which will benefit the students as well as the staff of the library. It makes the entire process online where students can search books, staff can generate reports and do book transactions. It also has a facility for student login where students can login and can see status of books issued as well as request for books or give some suggestions. It has a facility of teacher's login where teachers can add lectures notes and also give necessary suggestions to the library and also add info about workshops or events happening in our college or nearby college in the online notice board.

There is a future scope of this facility that many more features such as online lectures video tutorials can be added by teachers as well as online assignments submission facility, a feature Of group chat where students can discuss various issues of engineering can be added to this project thus making it more interactive more user friendly and project which fulfills each users need in the best way possible.