

ABSTRACT

The Aim of this project is to make a stand alone application which is related to aspects of Library Management. We have tried to cover basic functions of Library Management Application.

This is an admin side application. The admin can register new students, view student details, add new books to the library and issue books to students.

This project has been developed using web technologies such as HTML and CSS for frontend, PHP for server side scripting and MySql to maintain a database.

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany a successful completion of any task would be incomplete without the mention of people who made it possible, success is the epitome of hardwork and perseverance, but steadfast of all is encouraging guidance.

So, with gratitude I acknowledge all those whose guidance and encouragement served as beacon of light and crowned our efforts with success.

I would like to thank **Dr. Sanjay Jain**, Principal, CMRIT, Bangalore for providing excellent academic environment in the college and his never ending support for the B.E. program.

I would like to thank **Dr. Prem Kumar Ramesh**, Professor and HOD, Department of Computer Science and Engineering, CMRIT, Bangalore who shared his opinions and experiences through which I received information crucial for the project.

I consider it a privilege and honor to express my sincere gratitude to my internal guide **Dr. Sugato Chakrabarty** , Professor, Department of Computer Science and Engineering, CMRIT, Bangalore for their valuable guidance throughout the tenure of this project work.

I would also like to thank all the faculty members as well as my family who have always been very Co-operative and generous. Conclusively, I also thank all the non-teaching staff and all others who have done immense help directly or indirectly during our project

M B ASHISH

NEERAJ KUMAR

TABLE OF CONTENTS

SL. NO.	TITLE	PAGE NO.
1.	Introduction	1
2.	System Requirements	2
	2.1 Hardware Requirements	2
	2.2 Software Requirements	2
3.	Design	3
	3.1 Schema	3
	3.2 E-R Diagram	4
4.	Implementation	
	4.0 Session Start	5
	4.1 Login Page	6
	4.2 Session Control	7
	4.3 Logout Page	8
	4.4 Home Page	8
	4.4.1 Student Register Page	18
	4.4.1.1 Student Register Page HTML	18
	4.4.1.2 Student Register Page PHP	20
	4.4.2 Student Details Page	21
	4.4.3 Book Update Page	23
	4.4.3.1 Book Update Page HTML	23

.	4.4.3.2 Book Update Page PHP	24
	4.4.4 Book Issue Page	26
	4.4.4.1 Book Issue Page HTML	26
	4.4.4.1 Book Issue Page PHP	27
	4.4.5 Book Return Page	29
	4.4.5.1 Book Return Page HTML	29
	4.4.5.2 Book Return Page PHP	29
	4.4.6 Books Available	31
	4.5 Trigger and Stored Procedure	33
	4.5.1 Stored Procedure	33
	4.5.2 Triggers	33
5.	Discussion and Screenshots	34
6.	Conclusion and Future Scope	39
	6.1 Conclusion	39
	6.2Future Scope	39
7.	References	40

LIST OF FIGURES AND TABLES

FIGURE NAME	FIGURE TYPE	FIGURE DESCRIPTION
Student	Table	A table for storing quantity of blood available.
Books	Table	A table for storing data about donor.
Book_Author	Table	A table for storing data about hospital.
Publisher	Table	A table for storing data about recipients.
BookLending	Table	A table for storing data about administrators.
Login	Stored Procedure	A stored procedure to execute a query to display the data present in quantity table.
calculate	Trigger	A trigger to calculate the remaining space available for the Blood Bank or each blood type.
Schema diagram	Diagram	Schema diagram of the database
E R diagram	Diagram	E R diagram of the database
Donor	Screenshot	Screenshot of donor registration
Search By	Screenshot	Screenshot of donor search query
Search Donor Table	Screenshot	Screenshot status of search query
Recipient	Screenshot	Screenshot of recipient registration
Recipient Search	Screenshot	Screenshot of recipient search query

Search Table	Screenshot	Screenshot of recipient search query
No of Packets	Screenshot	Screenshot of packets status
Hospital	Screenshot	Screenshot of hospital registration

--	--	--

Change