The project titled Library Management System is Library

Management software for monitoring and controlling the transactions in a library .The project “Library Management System” is developed in php, which mainly focuses on basic operations in a library like adding new books, and updating new information, searching books and members and return books.

This project of “LIBRARY MANAGEMENT” of gives us the complete information about the library. We can enter the record of new books and retrieve the details of books available in the library. We can issue the books to the students and maintain their records and can also check how many books are issued and stock available in the library. In this project we can maintain the late fine of students who returns the issued books after the due date. Throughout the project the focus has been on presenting information and comments in an easy and intelligible manner. The project is very useful for those who want to know about Library Management System.

**LIBRARY MANAGEMENT WEB APPLICATION**

This module consist of the process of how the requests from users for the required books are served. The library management system first checks whether the request is a valid one. After validation it checks the library database to ensure that the required book is available or not. This web application consist of user, books and issue.

**EXECUTION**

Once you click on the **Login button**, you will see the below dialog box opening. Once, you click on View Books button, you will see the below frame displaying all the books present in the database, with their details. The View Users button is used to view the current users on the system. Since we just have only one user present i.e. the admin. This functionality is used to create or reset a database. So, once you click on the button Create/Rest. To add a user, click on the option “**Add User**” and mention details such as **username, password and choose the radio button user or admin**. Once the user is created, you will see an output. Now, again if you click on **View Users button.** Suppose if you are the user, once you click on the**Issue Book button**, you have to mention the Then click on **Submit**. Once, you click on **Submit**, e **Book ID, User ID, Period(Number of days for issuing the book)**, and the **Issue Date** . Once you click on this button. Alright, so, now **if the user logs in to the system**, using the login function, the user can **view all the books** in the database by **using the View Books option** and the **books issued by the user** in the **My Books section** . Once, you click on the Return Book, mention the **Issue ID and the return date** as below. Then click on**Return**. After that, you again see a dialog box, showing the message “**Book Returned**”. Lastly, if you wish to add a book, you can use the option of Add Book. Click on the **Add Book button**, and mention the **book name, genre and price**. Then, click on the **Submit button**. Apart from this, you can also, see the added books in the **View Books** section