LibSys Documentation

Preface:-

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Description:-

This documentation will help you perform all activities which are available to perform in the Website. As we already know this is a website for a library, (I don’t have to say it, c’mon……it’s obvious). Let me explain you very briefly what the website consists of.

The website consists of 2 pages:-

1. Homepage
2. Librarian Dashboard

***Homepage:***

This page is dedicated to all the users or patrons or librarians or faculty ………. Yeah, you get it right. This page consists of a News articles found using REST API given by a website [*www*.*newsapi.org*](www.newsapi.org), so shout-out or copyrights for the news stuff to them. This page also consists of recent addition of books to the library (basically database not the actual actual library)*.* It also consists of two links:-

1. Search Books
2. Login

*Search Books: -* As the name suggests it searches for the books and shows it to you as pop-up. To make it clear, this is not a f-word e-book for f-word sakes. This is just books which are available in the actual library where the librarian has hopefully added the book to this website database.

*Login: -* This link redirects to Dashboard of Librarian to perform the library activities. Yeah, That’s all the info I can give right now about this. There’s nothing new about a f-word log in, c’mon, it’s 2020 and in middle of corona battle.

This documentation hopefully provides you the answers you were looking for since there wouldn’t be any other place to look at it anyways. So, Happy Reading.

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# Before you do something crazy

You read the title. So, there are some basic stuff to go through before you start up the website for the first time and just do weird stuff. This project was build using Apache Tomcat Server. Why? I don’t know either. If you are configuring into your server just do the following few things:-

* Change the param values in web.xml (found in WebContent\WEB-INF)
* Run the SQL Scripts
* Change the DB\_USER & DB\_PASS in Param.java (found in Java Resources\DB\Params.java)

**The file locations are given based on eclipse directory hierarchy**.

Now you are ready to do crazy things

# Adding a Book

Steps:-

1. Login
2. Click on Book Activities
3. Click Add Book
4. Give related Information
5. Click Add Book

# Modifying a Book Data

Steps:-

1. Login
2. Click on Book Activities
3. Click Modify Book
4. Search the book you want to modify
5. Change the values which are displayed
6. Click Modify Book

# Deleting a Book

Steps:-

1. Login
2. Click on Book Activities
3. Click Delete Book
4. Search for the Book you want to delete
5. Check if it is the book you want to delete
6. Click Delete Book

# Adding a Patron

Steps:-

1. Login
2. Click on Patron Activities
3. Click Add Patron
4. Give related Information
5. Click Add Patron

# Modifying a Patron Data

Steps:-

1. Login
2. Click on Patron Activities
3. Click Modify Patron
4. Search for the Patron you want to modify
5. Change the information given to you about the patron
6. Click Modify Patron

# Deleting a Patron

Steps:-

1. Login
2. Click on Patron Activities
3. Click Delete Patron
4. Search for the Patron you want to delete
5. Check for the information given to you about the patron
6. Click Delete Patron

# Issuing of a Book

Steps:-

1. Login
2. Click Library Activities
3. Click Issue
4. Search for the Book and the Patron you want to issue the book to
5. Click Issue (if the Book and Patron Exists)

# Renewal of a Book

Steps:-

1. Login
2. Click Library Activities
3. Click Renewal
4. Search for the Book and the Patron you want to renew the book to
5. Click Renew (if the Book and Patron Exists)

# Returning a Book

Steps:-

1. Login
2. Click Library Activities
3. Click Return
4. Search for the Book and the Patron you want to return the book from
5. Click Renew (if the Book and Patron Exists)