Library Management System Project
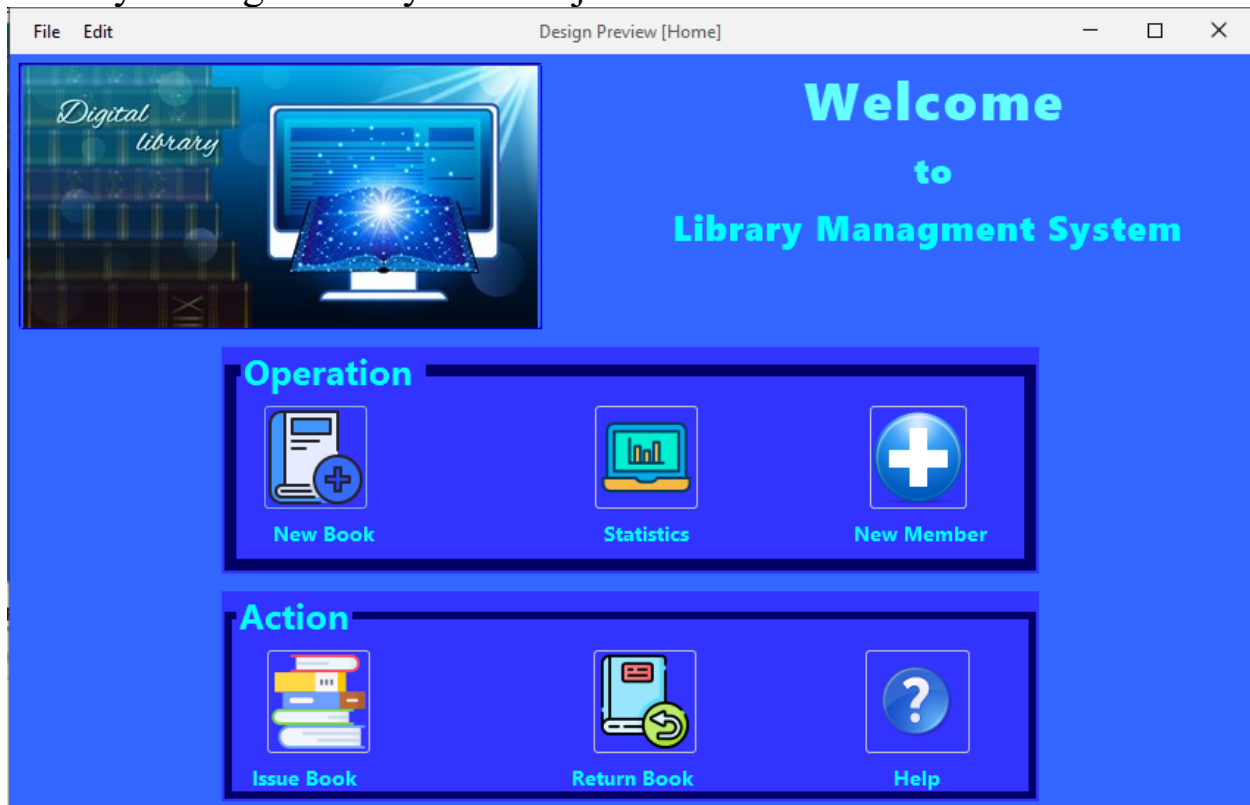

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Introduction

A library management system is based off concepts of Object Oriented Analysis and Design. The library system is an interactive database application for automating various manual processes done by both member and librarian. This full- stack application was designed during the course "INFO-C451 System Implantation" at IUPUI.
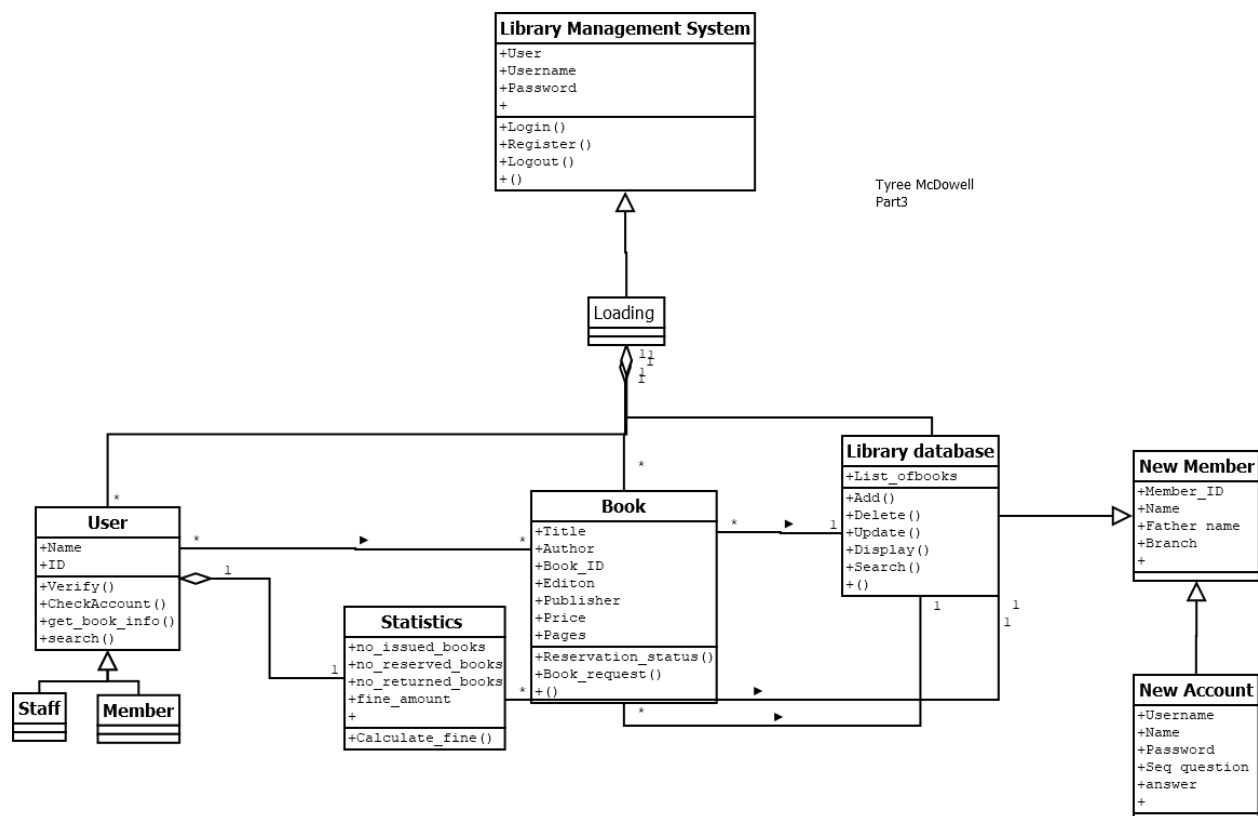
Features

- **Searching** of books
- **Issuing** and **returning** books

- Check fines(if any)
- Librarian can read information about any member
- Librarian can track the books issued by a particular member
- Librarian can **add/remove any member**.
- Librarian can **add/delete books**

Additional Features

- Displaying all members records.
- Displaying all books records.
- Update Book Records.
- Delete Book Records
- Add Book Records
- Add Member Records
- Delete Member Records
- Update Member Records.

Tyree McDowell
Part3

Requirements

Apache NetBeans IDE 13 – Front End (JavaScript, HTML, CSS)
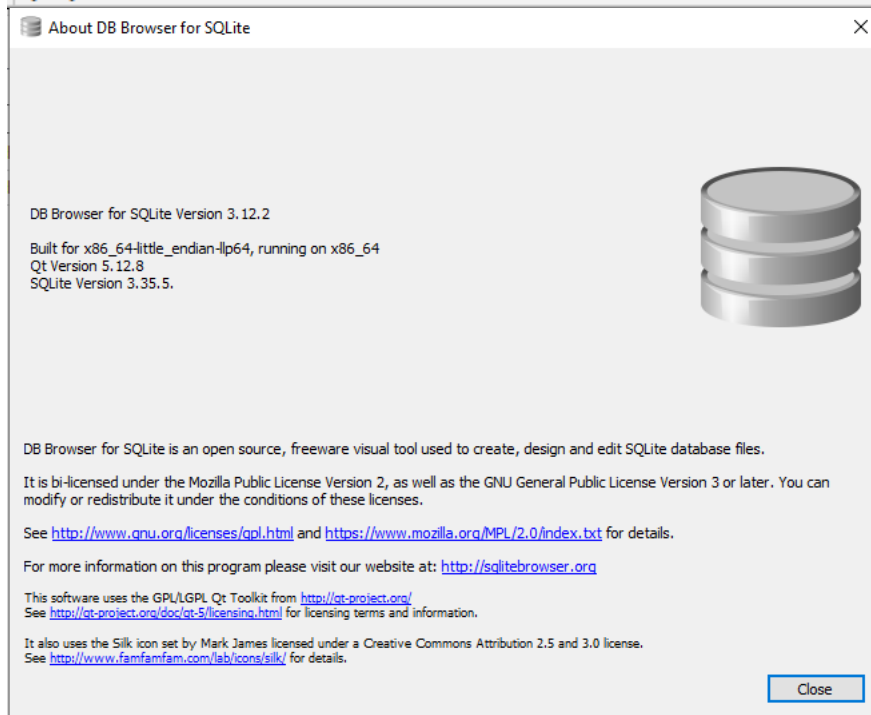
DB Browser for sqlite version 3.12.2 Back End

NetBeans IDE and NetBeans Platform are based on Apache NetBeans from the Apache Software Foundation and are licensed under Apache License Version 2.0. For more information, please visit netbeans.apache.org.

Product Version: Apache NetBeans IDE 13
Java: 1.8.0_111; Java HotSpot(TM) 64-Bit Server VM 25.111-b14
Runtime: Java(TM) SE Runtime Environment 1.8.0_111-b14
System: Windows 10 version 10.0 running on amd64; Cp1252; en_US
(nb)

About DB Browser for SQLite   ✕

DB Browser for SQLite Version 3.12.2

Built for x86_64-little_endian-llp64, running on x86_64
Qt Version 5.12.8
SQLite Version 3.35.5.

DB Browser for SQLite is an open source, freeware visual tool used to create, design and edit SQLite database files.

It is bi-licensed under the Mozilla Public License Version 2, as well as the GNU General Public License Version 3 or later. You can modify or redistribute it under the conditions of these licenses.

See http://www.gnu.org/licenses/gpl.html and https://www.mozilla.org/MPL/2.0/index.txt for details.

For more information on this program please visit our website at: http://sqlitebrowser.org

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See http://qt-project.org/doc/qt-5/licensing.html for licensing terms and information.

It also uses the Silk icon set by Mark James licensed under a Creative Commons Attribution 2.5 and 3.0 license.
See http://www.famfamfam.com/lab/icons/silk/ for details.

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How to Run

- Download this repo and extract it in your **www/htdocs** directory.
- Import the [database] from LibraryNew.db.
- Run **localhost/{YOUR FOLDER NAME}**