**LIBRARY MANAGEMENT SYSTEM – DOCUMENTATION**

1. **Search Page** functionality has been implemented. Program starts with search frame. The value entered in the search box looks up for the substring in isbn, book title, book author. The available/matched are displayed in the table. Table displays the book author, title and isbn and gives the option to checkout the book.
2. **Home** button takes you to the main page.
3. **Check Out** book option takes isbn of book and card no of the user and checks out the book.
4. **Check-In** functionality has been implemented. It take the card no as an input and displays all the books issued to the borrower. You can check in multiple books at the same time and the system calculates the fine and asks you to pay for the currently checked in books.
5. **New Borrower** functionality has been implemented. The new borrower is added by registering a new user and the card number being automatically generated. It includes the functionalities namely, first name, last name, address and phone number. If the record already exists, then it will give the error message. If not a new user is created.
6. **History** allows the user to check the past transactions and the paid balances status. Paid status true implies balances for the book are paid if unpaid it says false
7. **Payment** allows the borrower to enter the card number and check the total dues and pay it.
8. All the Book\_id numbers are 10 digit isbn numbers.