Librarian's Quick Start Guide

In this program, you have 7 functions. They would be to add a new borrower, keep track of a borrower's fines, check in books, check out books, search for books, check if the books are available, and a function to update the current date.

To add a new borrower you would first have to visit the borrower button. Once you click the button, the borrower would have to input their name, SSN, and address to create an account. Once an account is created for a borrower, they get a library card that comes with their very own card number assigned to it.

There is an update fines button on the display. Once the librarian presses the update fines button it updates whoever owes the library a fine. If a borrower returns a book past the due date, they get issued a fine of 25 cents for each day they go past the due date. As the librarian, you have the power to mark the fines paid once a borrower has paid their fines.

There is a pay fines button on the display as well. This button allows the borrower to pay the fines owed to the library after they checked in a book past their due date. The borrower would press the pay fines button, look at the displayed loan ID, and then the loan id loan amount under the loan ID. The borrower would then click on the loan ID then enter to pay the fine.

On the first page, there is the searching feature. On this page, there is an input box where you can search for a book, ISBN, or author and click on the search button to execute the search option. The results will be in the larger box below the search button. In there, you can select a book of your choice and be able to check it out. If you select a book to check out but it has already been checked out, the program will display that the book is currently unavailable to check out.

During checkout, the borrower will be prompted to enter their card ID number to successfully check the book out. A borrower has a maximum of 3 books they can check out, if they go over it will provide an error screen. Once the book is checked out, the due date is assigned 2 weeks after the checkout date. Once a book is checked out, it will be marked as unavailable.

Check-in has its button. The borrower would select the books they would like to check in, then click the check-in button to successfully check in the books. If the user had to check in late books they would have to check in, then the librarian would have to update fines, then the borrower would have to click pay fines to pay what they owe to the library.

Update Day has its own button. This button allows the user to update the current day to operate any one of the 6 other functions on any day.