USER GUIDE

NXM210046

When you open the project and run the GUIMain.py file, the GUI will be opened, and you will have the below options:

- Search for a book using the search bar. Type one of the below fields and books will be shown. A partial search is applicable, and the search is case insensitive
  - ISBN10
  - Author Name
  - Book Title
  - Availability (Available/ Not Available)
- Check out button
  - Check out books if you have selected any book. The client is given confirmation. There are database updates. The time and date of check-out are documented.
- Check-in button
  - Once the consumer has checked the books in, check them in. Both parties receive confirmation. There are database updates. The time and date of check-in are documented. Based on the discrepancy between checking in and checking out, the fine is determined.
- Add Borrower button
  - Add any new clients to the database of current borrowers. The following details are needed: SSN, Full Name, Address, and Phone. The database is expanded with new clients, and new card_no is issued.
- Change day button
  - Users can input the number of days to add to the present day so that fines can be calculated.
- Update fines button
  - Fines will be calculated and refreshed when this button is clicked
- Pay Fines button
  - When clicked, it prompts you to enter the borrower Id. When entered, fines are displayed for that user, and if we click on the 'paid' button, it will be updated in the database.