Assumptions while designing the System

1. Only one Checkout of a book, only one check-in of a book and only one fine payment is processed at an instance. If the above must be repeated for the same borrower, the user has to enter the right details in the search bar again for further processing.
2. It is the responsibility of the borrower to remember their unique library Card ID number.
3. A borrower can pay fine for a delayed return of a book only after it is checked into the system.
4. The SSN is always entered in this format: XXX-XX-XXXX.
5. There is only a single copy of each book in the library.
6. Press Refresh fines button after launching the application, before and after processing check-ins, before and after processing fine payments.
7. ISBN13 is used as the ISBN to identify the books.
8. Fine Payment is done using only Card ID.
9. Check-in of a book is done using either borrower name or Card ID or ISBN13 of the book borrowed.