User manual

BadReads.com

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Project: Online bookstore implementation with database.

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1.General information

This section explains in general terms the system and the purpose for which it is intended.

1.1 System Overview

Online bookstore is an application which allows users to buy suitable books of different categories. The graphical user interface of the application allows users to view and purchase the books and insert or updating the database by admin. The application stores the data to a local disk SQLite database(F:\\bookstore\\large.db).
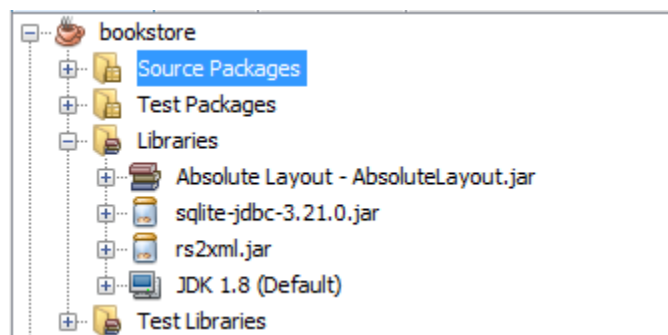
1.2 System configuration

Online bookstore operates on JDK platform with a java supporting IDE. It is compatible with platforms like windows, Linux, mac etc. with the help of JVM. The application is build up on features of java like java swing, java classes, Java logging API, External jar library files etc. to make the program more robust and dynamic.
Required:
SQlite-jdbc 3.21.0 or higher
rs2xml.jar
jdk1.8

1.3 System authors

The online bookstore database has been created by Tanjilul Anwar, Bayazid Aknok and Jarin Tasnim the purpose of a project in database course. The system authors tried to provide a fastest, efficient and reliable bookstore app for the user which is also very user friendly.

2. Getting Started

This section explains how to get online bookstore and install it on the device.
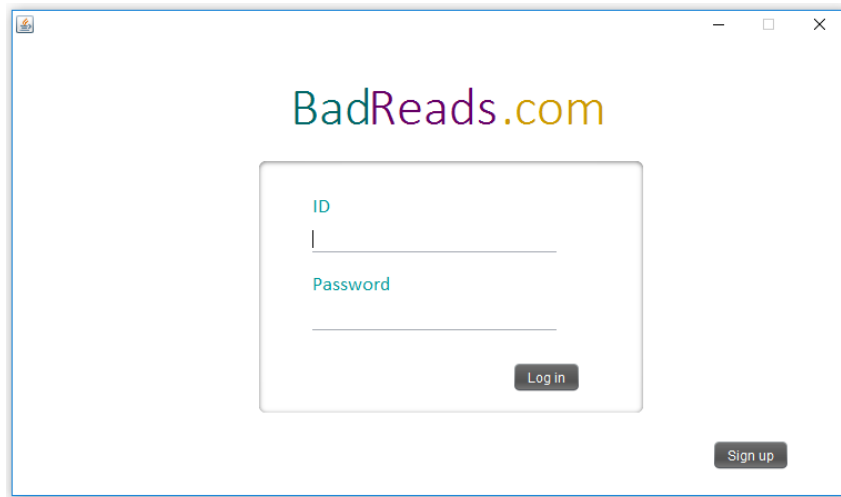
2.1. Installation and Customizing database location

The application is a .java file, which should be installed on the device. This application requires a local drive (F:) for the database file large.db or the url of the file should be changed in all connect() methods of all java files.
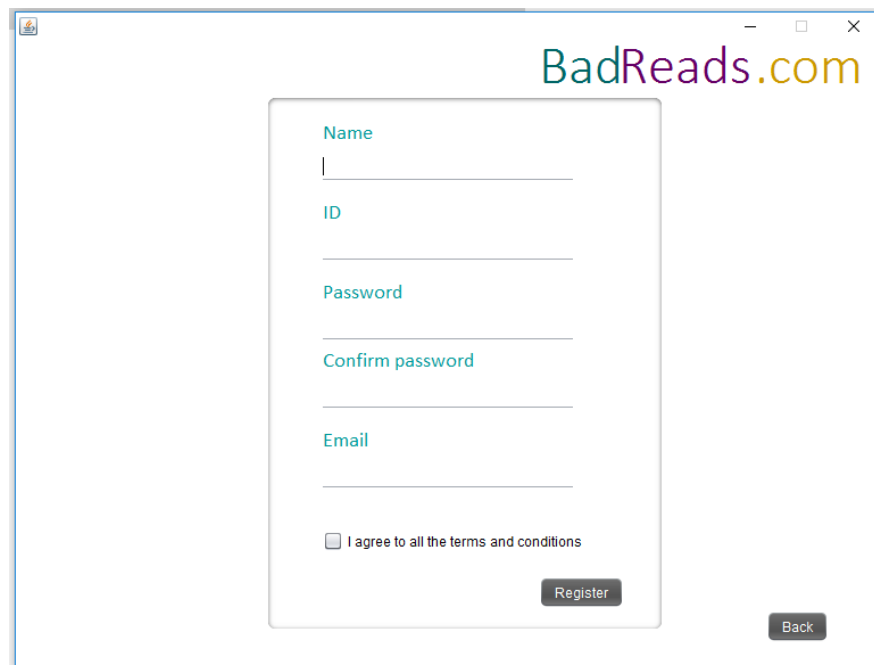
```java
Connection connect() {
        // SQLite connection string
        String url = "jdbc:sqlite:F:\\bookstore\\large.db";
        Connection conn = null;
        try {
            conn = DriverManager.getConnection(url);
        } catch (SQLException e) {
            System.out.println(e.getMessage());
        }
        return conn;
    }
```

2.2. Sign up and logging in

After running the application, the user will have a window for log in into the database with an existing account or create a new one.

As for the first time the user has to click the "sign up" button to navigate to the Register window to complete the sign-up process.

Every field of the register window must be filled to complete a successful registration. After pressing the "register" button providing proper information the application will allocate a new account for the user to access the database as well as open the sever access window.

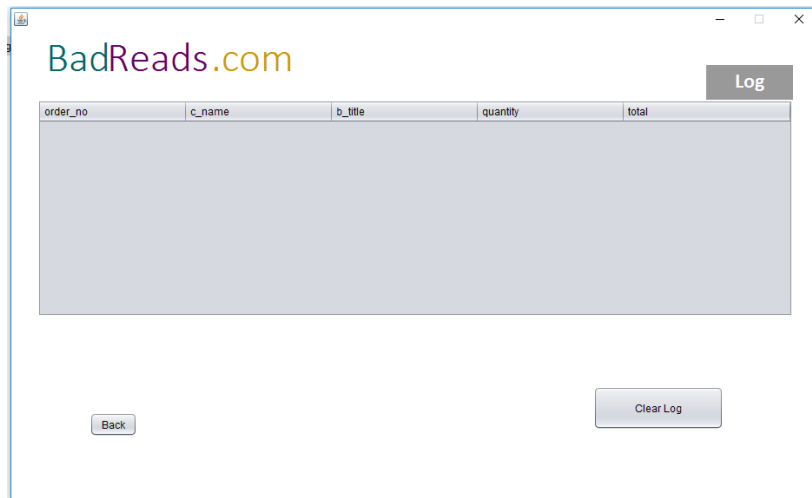| rowid	name	id	password	email
(empty)	(empty)	(empty)	(empty)	(empty)
1	harun	ced678	123456	lol@mail.com
2	babu	ref567	1234	f@mail.com
3	farid	kcf322	1234	sa4@gmail.com
4	dablu	admin	neon	neon@mail.com
5	kalam	ifr345	new22	new@mail.com
6	lavlu	fd244	dingo	d@mail.com

2.3. Accessing the Database

There are two views, one for admin to set up the database other one is customer to purchase the desired books,
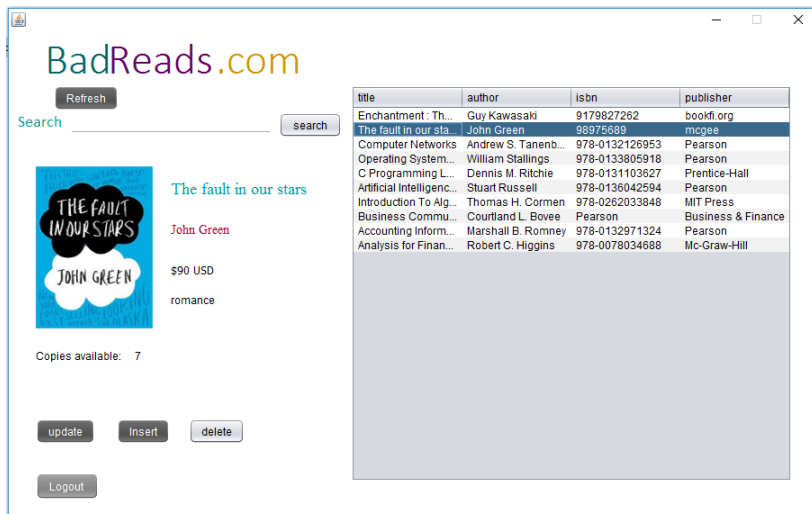
After admin log in (ID: admin/pass: neon)
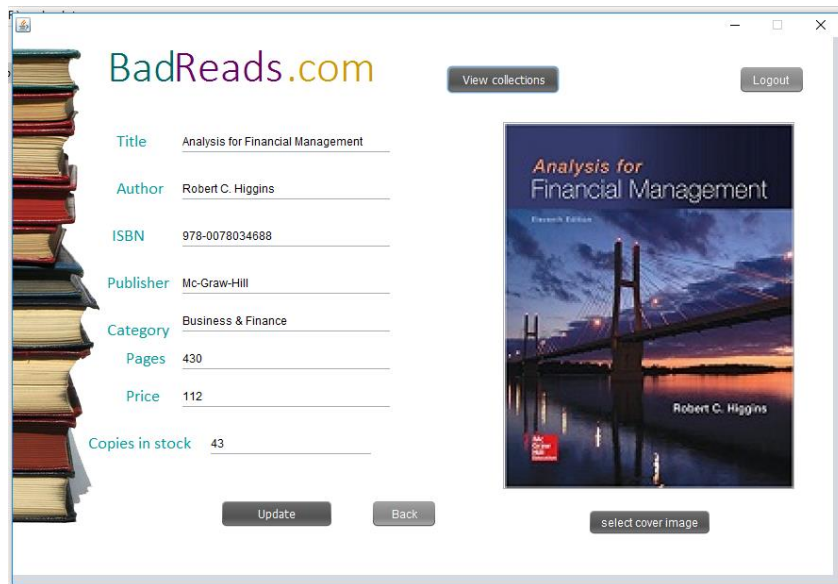
Admin view:

The insert window will appear where the admin can insert any types of book with its details and cover image then press 'insert' to confirm its entry inside database. The 'view log' button shows the purchase log so far,

The 'view collection' button shows the books that are in the database. Tap the 'Refresh' button to load the database.
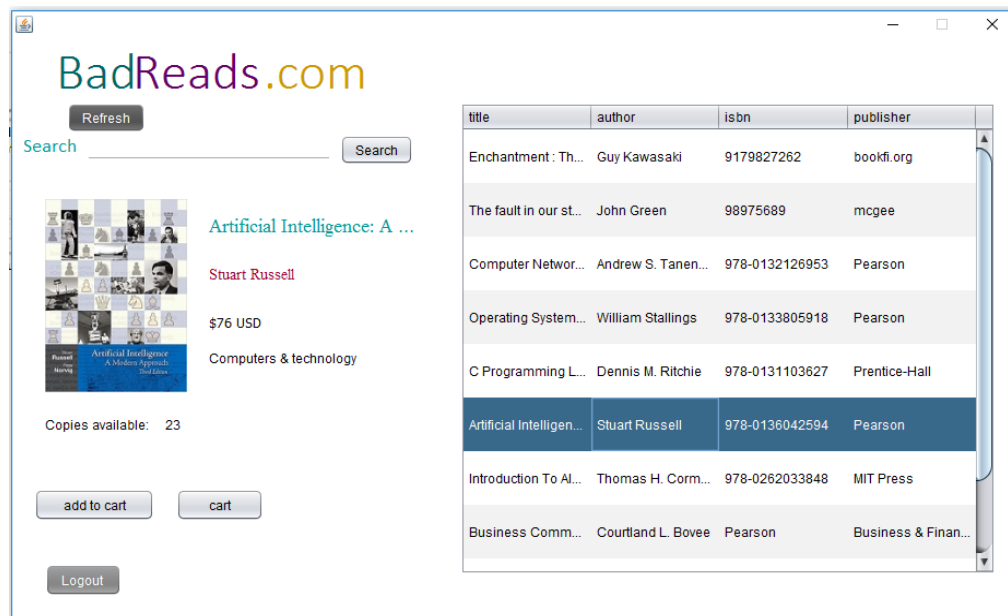

In this panel admin can update, insert or delete an entry entirely from the database. In the update panel the admin can update the information of an entry.

Customer view:

Any other user except the 'admin' is considered as customer. Tap the 'Refresh' button to load the database . After logging in as customer user can purchase books in any number of copies by pressing 'add to cart' to show what user has purchased so far just press the 'cart' button to show the invoice 'table.

If the user wishes to:

Add more items press the 'add item' button.

Remove any item press the 'remove item' button.

Confirm the listed purchase press the 'confirm purchase' button

Skip the purchase than press 'not interested' button

2.4. Exiting the Database

Finally press 'log out' button to exit the online bookstore database.