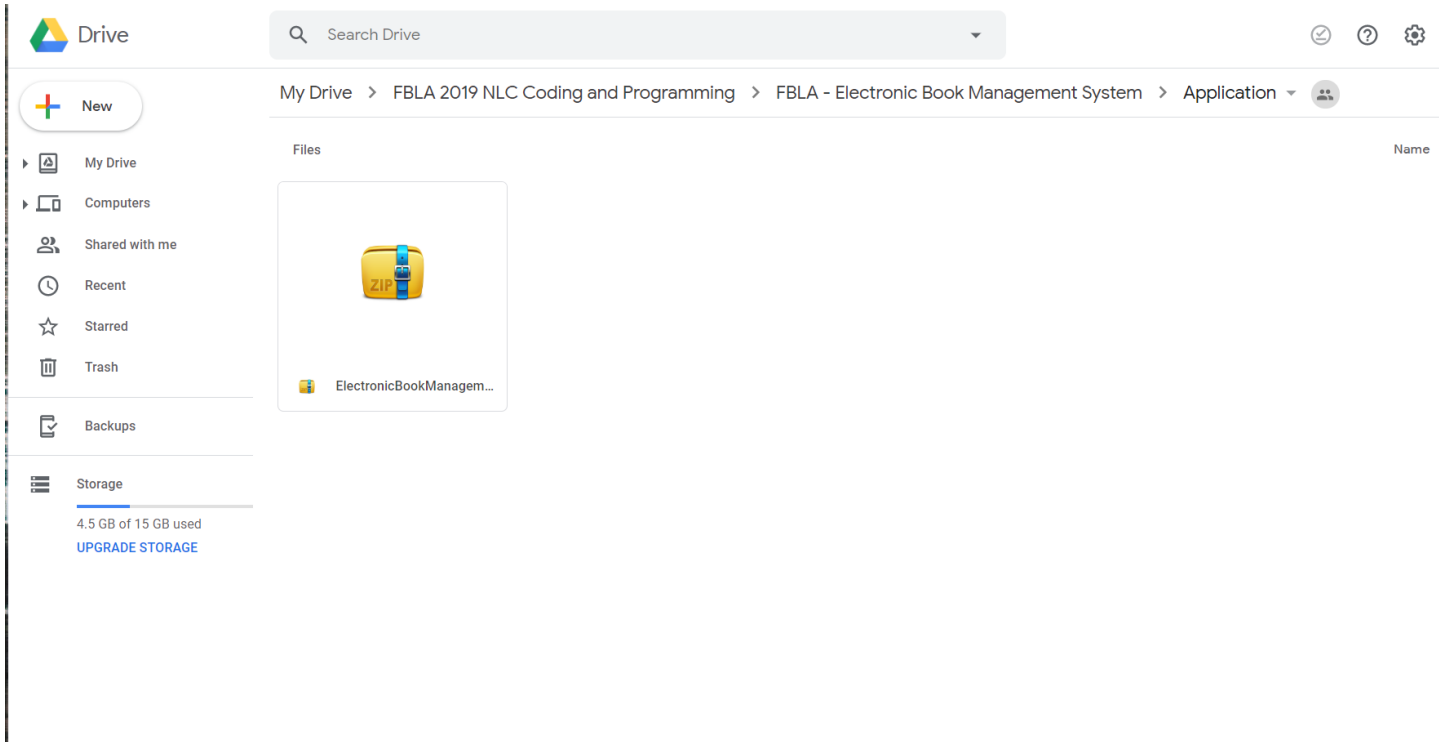




E-Book Management System

User Instructions

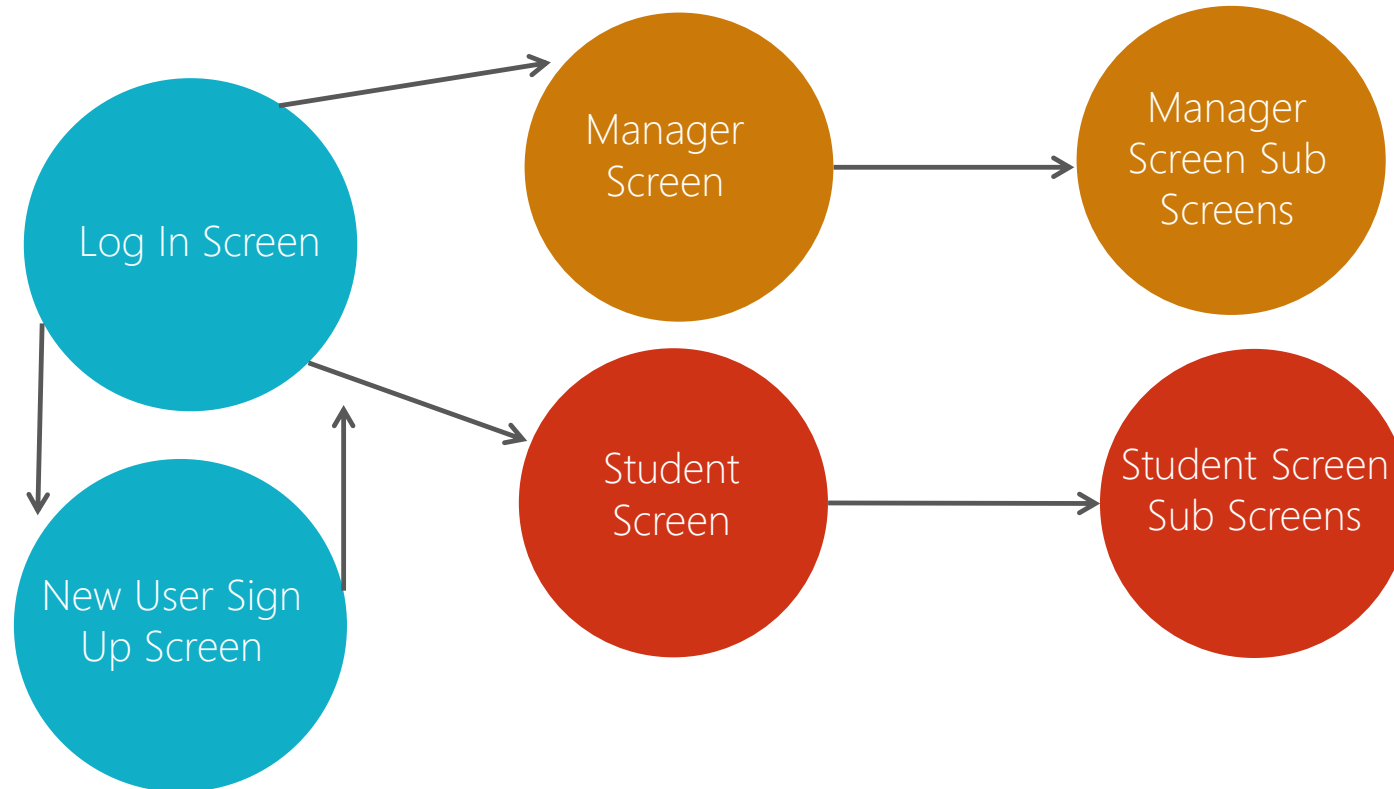
Installation



1. Download the ElectronicBookManagement.jar folder from the provided link.
2. Make sure you have java 8 installed on your computer.
3. If not, install java 8 here:
<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
4. Double click on the jar file to run it.

System Overview

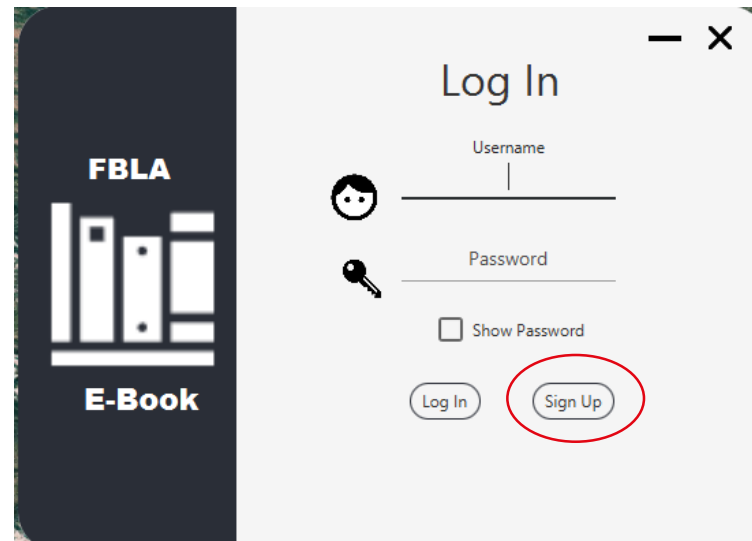
The e-book management system is an application is library management system where users can register, issue, and return books. This application is developed for an hypothetical online learning school that holds classes online. The library management system also allows the teacher to sign up as a manager to keep track of students and their book issues.



• Start Up Screen/Log In Screen •

The Start Up screen is the first screen that loads when the application is launched. The start up screen is also the log in screen for the application.

1. Once you get to the startup screen, click on the sign up button to sign up for the application. Make sure to fill in all the information. For your convenience , there are sample accounts (sign up information) provided for you to sign up.

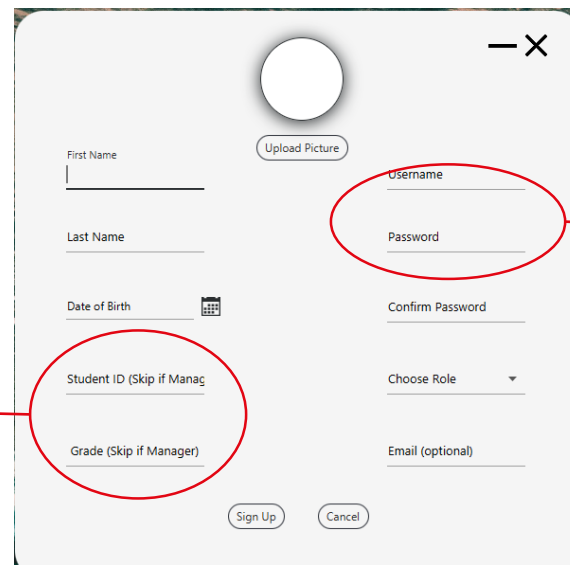


• Sign Up Screen •

The sign up screen loads when the sign up button is pressed on the log in screen.

1. In the sign up screen, make sure to fill out all correct information.
 - If your account is intended to be a manager, you should skip the “Student Id” and “Student grade” fields since a manager does not have those attributes.
2. Upload a profile picture if you would like to. If no picture is uploaded, the application will save a blank image for your profile which you can change later.
3. Click the sign up button to register your account. The screen will then lead back to the log in screen where you can enter your username and password.

Skip these fields if account is intended to be a manager

A screenshot of a mobile application's sign-up screen. The screen has a light gray background and a white header bar with a close button (X) on the right. Below the header, there's a circular profile picture placeholder with an 'Upload Picture' button. The form fields are arranged in two columns. The left column includes 'First Name', 'Last Name', 'Date of Birth' (with a calendar icon), 'Student ID (Skip if Manager)', and 'Grade (Skip if Manager)'. The right column includes 'Username', 'Password', 'Confirm Password', 'Choose Role' (a dropdown menu), and 'Email (optional)'. At the bottom, there are 'Sign Up' and 'Cancel' buttons. Two red circles highlight the 'Student ID' and 'Grade' fields on the left, and the 'Password' and 'Confirm Password' fields on the right. Red arrows point from external text blocks to these circles.

Make sure the password exactly matches the confirm password field

Student Role

Student
Dashboard

Book
Catalog

Issued
Books

Student Profile Screen

The student profile
loads when the user's,
who logged, role is
"Student".

Recommen
ded Books

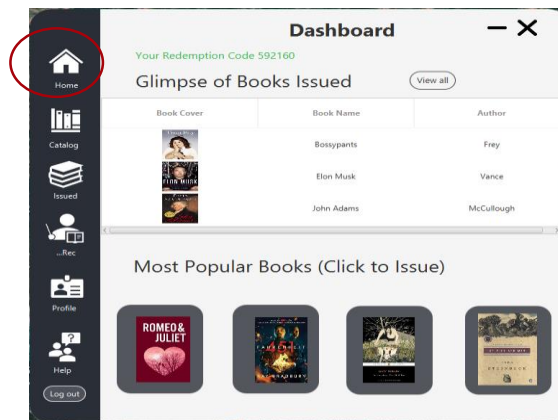
Student
Profile

Student
Help

Dashboard

The student dashboard is the first screen that loads when the student logs in . The dashboard consists of three major elements: The redemption code, the glimpse of issued books table and the popular books table.

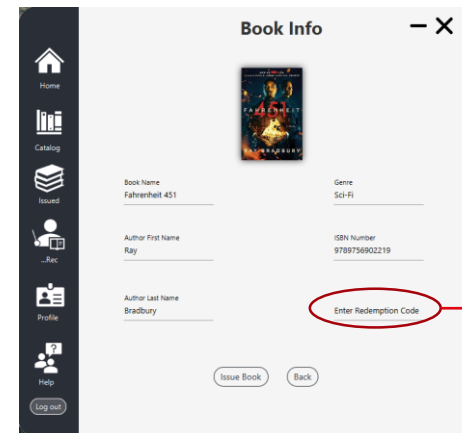
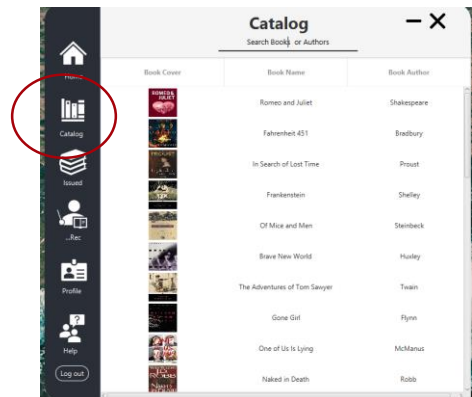
1. The redemption code for the student is displayed on top of the table.
2. The “Glimpse of Issued Books” table displays up to three books that the student has issued. In order to view all the books that the student has issued, he/she must click the “view all” button located on top of the table.
3. The popular books buttons show the most popular (issued) books in the system. Clicking on the book leads to a issue screen where you can issue the book using your redemption code.



Catalog

The catalog holds all the available books in the system. In the catalog screen, you will see a table with an image of the book and the name of the author.

1. You can search for books or authors in the search field.
2. You may double click on a book to view all details about the book and issue the book.
3. In the issue book screen, you will see all the information relating to the selected book and a button named “issue book” to issue the book.
4. You will be required to enter your redemption code in order to issue the book.
5. Once you issue the book, the book will be removed from the catalog and placed in your “Issued Books” screen. Any other student in the system will also notice this change when they log in.

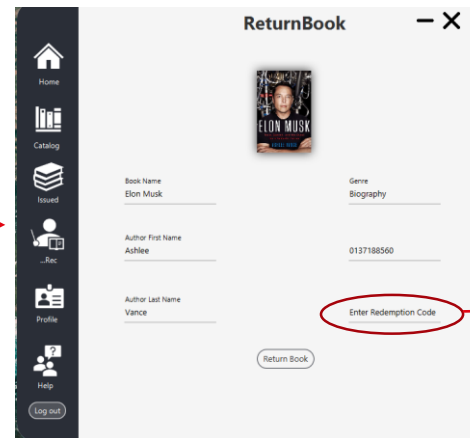
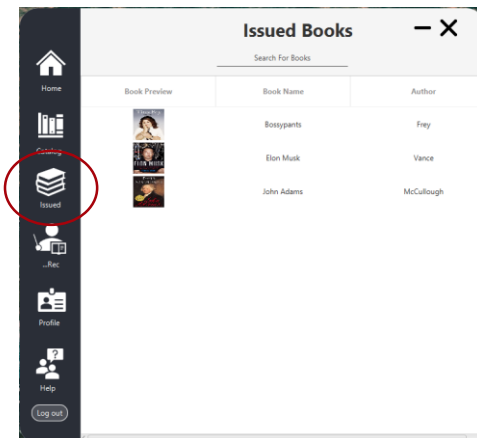


Enter redemption code

Issued Books

The Issued books table holds all the books you have issued. In the issued books screen, you will see a table with an image of the book and the name of the author.

1. You can search for books or authors in the search field.
2. You may double click on a book to view all details about the book and return the book.
3. In the return book screen, you will see all the information relating to the selected book and a button named “return book” to return the book.
4. You will be required to enter your redemption code in order to return the book.
5. Once you return the book, the book will be removed from the issued books table and placed in the catalog. Any other student in the system will also notice this change when they log in.

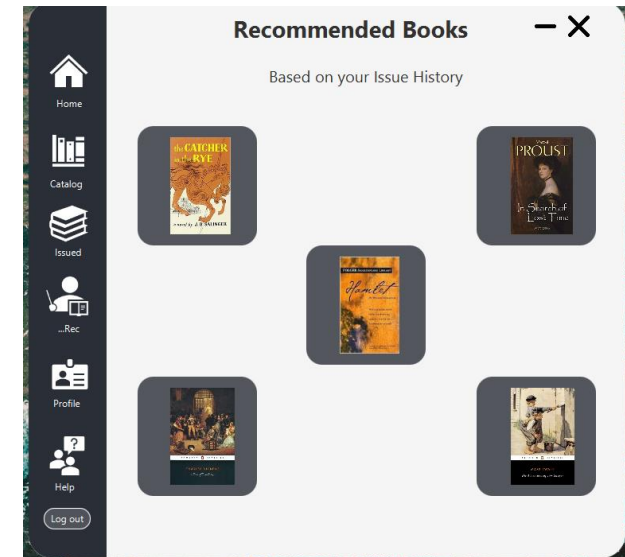


Enter redemption code

• Recommended Books •

The recommended books screen shows book recommendations for the user.

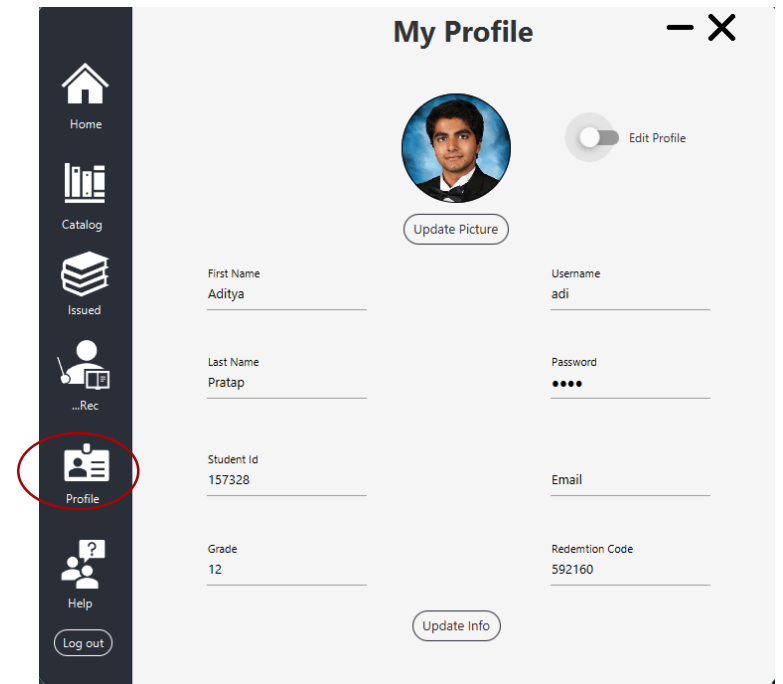
1. In order to unlock the recommended books feature, you need to have issued at least 5 books since the time of account creation. You do not need to issue 5 books every time you log in.
2. The recommendations work by looking at your most issued books in the past and picking random books that fit your issue trend. The system will not recommend books that are currently issued by you.
3. Clicking on the books will lead you to the issue book screen.



Profile

The profile screen displays all of the user's information

1. You may change and update your information by toggling the edit profile to 'on'. This will set all text fields to editable.
2. You can change everything except for your username and your redemption code.
3. Here, you may update your profile picture.
4. Click the "update info" button to update your information.



Student Role

Student List

Weekly
Report

Book
Catalog

Manager Profile Screen

The Manger Profile
Screen loads when the
user who logged in is a
"Manager"

Manager
Profile

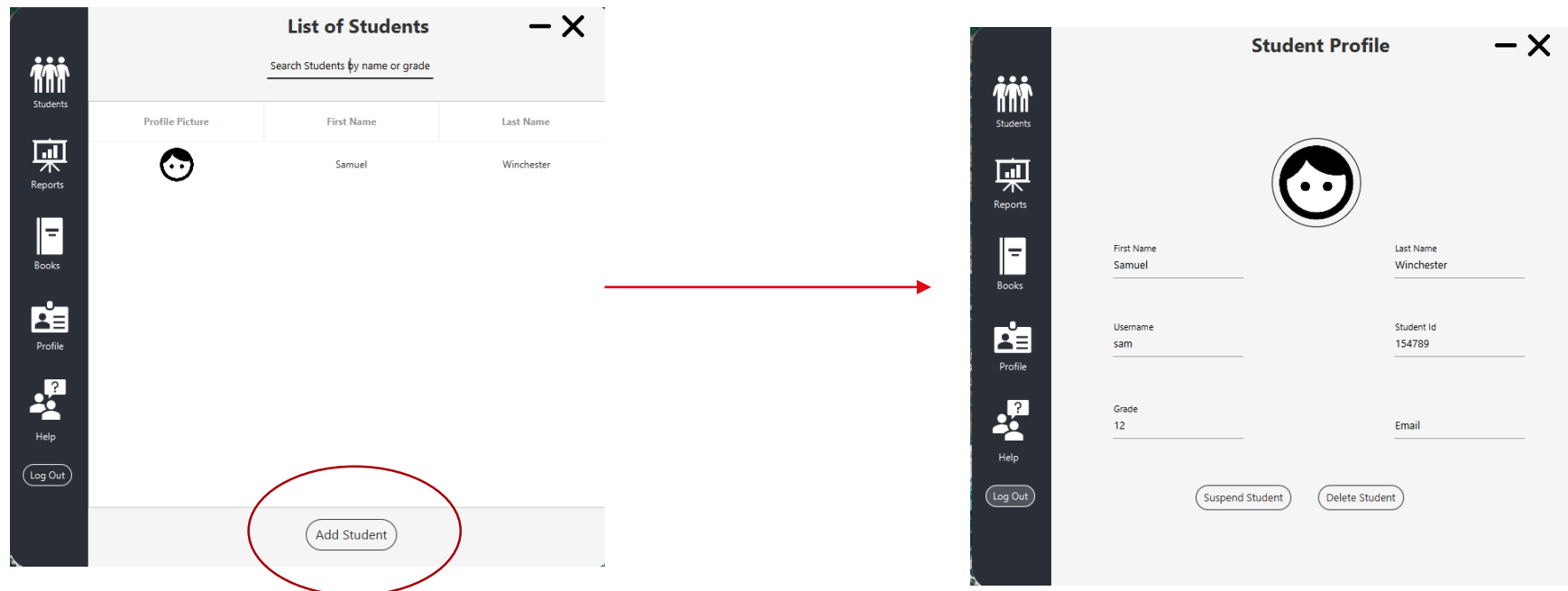
Manager
Role

Student
Help

Student List Screen

The Student List Screen displays all the students registered in the system. The table view shows the profile picture and student name.

1. You may double click on the student to open a student control window.
2. In the student control window, you can suspend or delete a student in the system.
3. You can add a student to the system as well. Sample data is provided in the project folder.



• Weekly Report Screen •

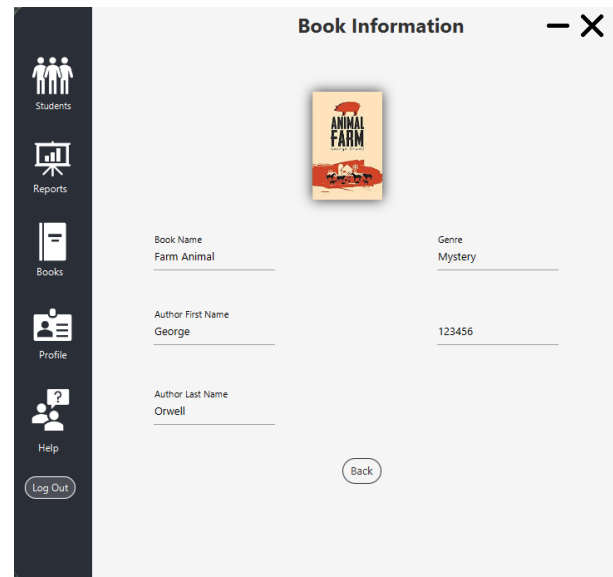
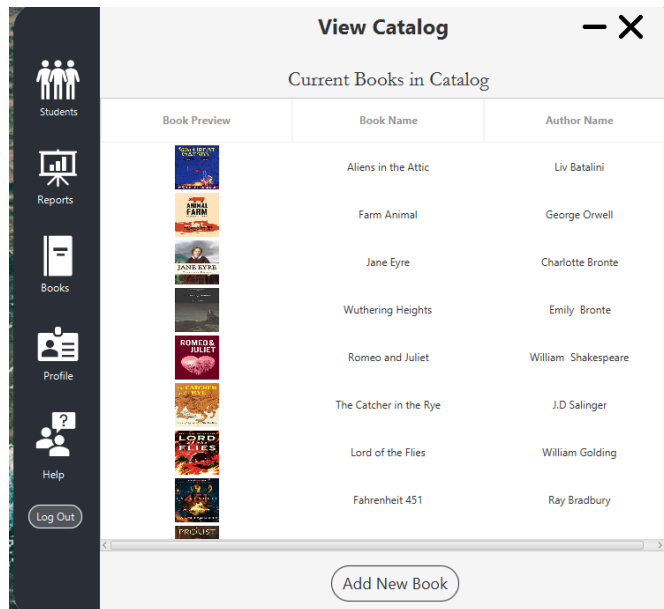
The weekly report screen displays 3 elements. The elements include issue history, issue history by genre, and issue count.

1. The first element, weekly issue report, displays books issued this week, the student who issued the book, and the date they issued it on.
2. The second element, issue by genre chart, shows a chart that displays issue history by genre.
3. The third element, issue count, displays the number of times a book has been issued.

Catalog

The catalog holds all the available books in the system. In the catalog screen, you will see a table with an image of the book and the name of the author.

1. You can search for books or authors in the search field.
2. You may double click on a book to view all details about the book.
3. In the details screen, you will see all the information relating to the selected book .
4. You may add a new book as well. Sample data is given in the project folder.
 - There might be a slight delay in adding depending upon the size of the image.



Profile

The profile screen displays all of the user's information

1. You may change and update your information by toggling the edit profile to 'on'. This will set all text fields to editable.
2. You can change everything except for your username.
3. Here, you may update your profile picture.
4. Click the "update info" button to update your information.

The screenshot shows a user interface for a 'My Profile' page. On the left is a dark sidebar with icons and labels for 'Students', 'Reports', 'Books', 'Profile' (which is highlighted), and 'Help', along with a 'Log Out' button at the bottom. The main content area is light gray and titled 'My Profile' with a close button. It features a circular profile picture placeholder labeled 'NO IMAGE' with an 'Update Picture' button below it. To the right of the picture is an 'Edit Profile' toggle switch, which is currently turned off. Below the picture, there are input fields for 'First Name' (containing 'alex'), 'Last Name' (containing 'edwards'), and 'Email'. To the right of these are fields for 'Username' (containing 'alex') and 'Password' (masked with dots). At the bottom right, there is a date field showing '5/24/2019' with a calendar icon. An 'Update Info' button is located at the bottom center of the main content area.



Thank You

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