



LIBRARY is a highly scalable library management system. It can be used by educational institutions as well as independent libraries. LIBRARY can be adapted to any library of any size. LIBRARY helps libraries by making it easy for them to manage, circulate, and catalog different materials as well as integrate records of all students. LIBRARY can also be used by students by giving easy and quick access to library materials, the ability to search for a book of interest, checkout, and return books.

The main modules of the LIBRARY are Dashboard, book tracking, user record management on the administrative side, and books search, borrow/return management on the user side.

## ***What does your project's purpose? What are the features are available?***

- **User management**
  - Add / delete / update a user info [ librarian, students ]
  - Member status [Active vs Inactive]
- **Book management**
  - Add / delete / update a book
  - Book Categories: Drama, Fantasy, Humor etc
- **Search library materials**
  - Search functions
  - Filter by name, author, category, year..
- **Borrow & return books**
- **Time tracking**
  - borrowed date & time
  - Returned date & time
  - return status

## Jira app ticket creation practice:

Before starting the actual Agile-Scrum implementation, students may practice the jira ticket creation feature with the following user stories for the Library project.

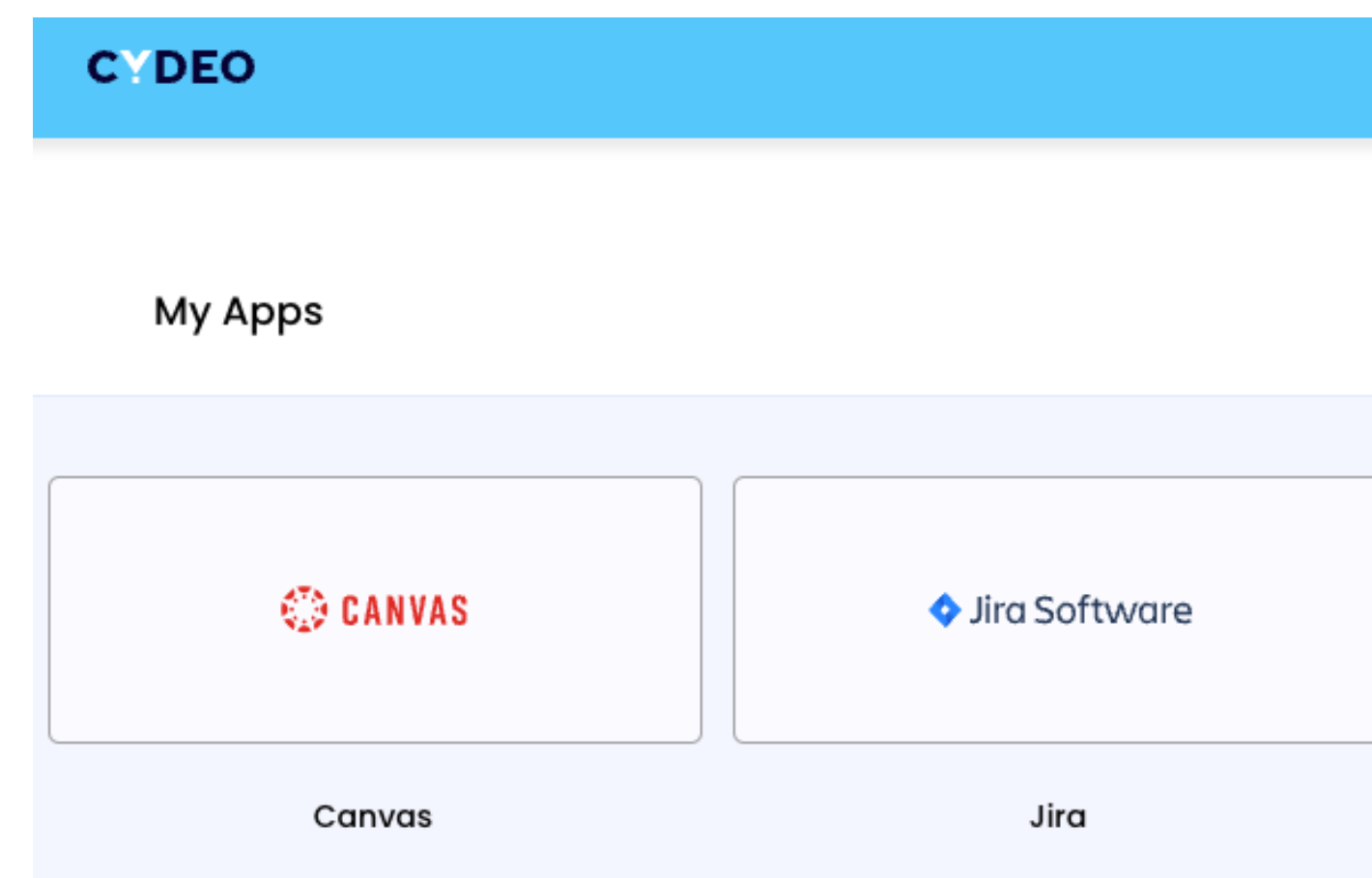
User Stories are given in this slide's upcoming pages. Each student can work on any or all to practice.

Test cases are given in a google sheet so students can compare their own answers with the instructors.

## Where is the jira app?

Jira app is assigned by Cydeo, each student can get the app on my.cydeo website.

<https://my.cydeo.com/apps>



## What do I need to do? How I start to create a ticket on jira?

1. Open the jira app
2. Find your group's jira-project

Each group has one jira project. A student open the project first based on the group number:

The image shows two screenshots of the CYDEO Jira interface. The left screenshot shows the 'Projects' dropdown menu with 'View All Projects' highlighted. The right screenshot shows the 'All project types - All categories' search results for 'CT2', with 'OnlineProject-2' selected. Red arrows and numbers 1, 2, 3, and 4 indicate the steps: 1. Click 'Projects' in the top navigation bar. 2. Click 'View All Projects' in the dropdown menu. 3. Enter 'CT2' in the search bar. 4. Select 'OnlineProject-2' from the results. A red note says 'Type CT+ your group number' and another says 'If I was in group2, I select this'.

1

2

3

4

Type CT+ your group number

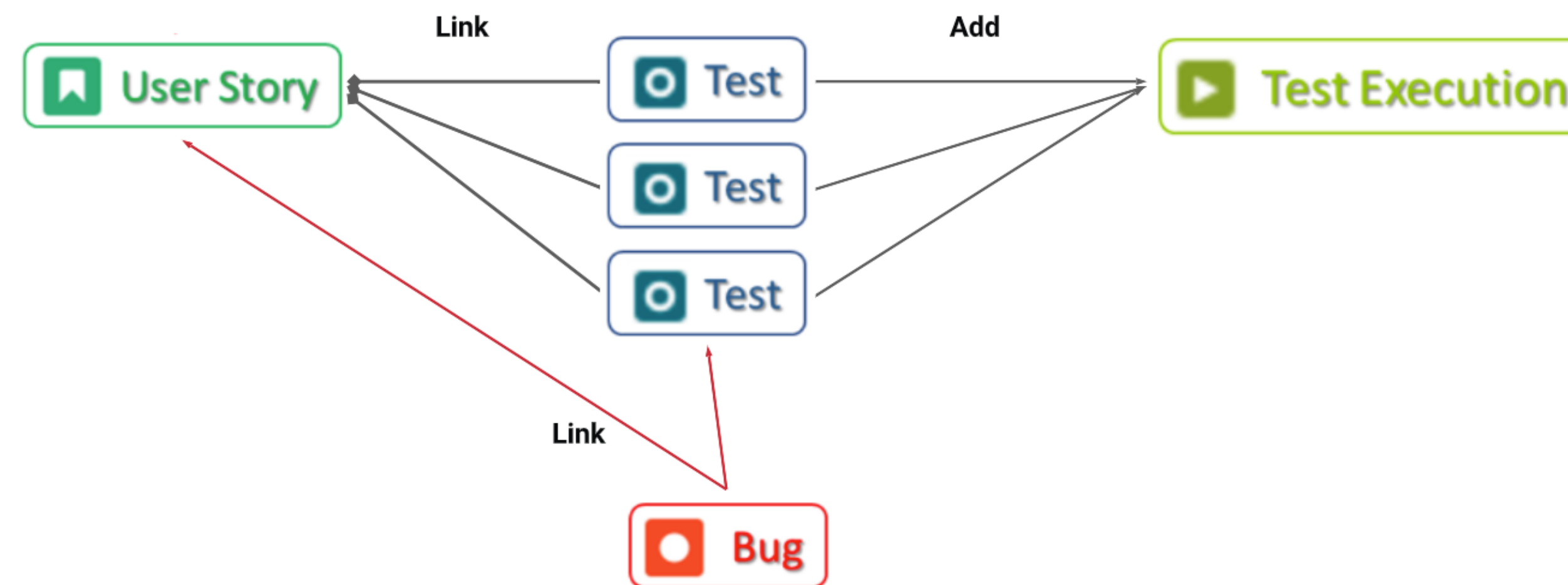
If I was in group2, I select this

3. Select 1 user story from this slide -> create story -> Test case -> test execution -> bug if you find any.

[Note: There are short videos how to create Story + TC + TE + Bug tickets on Canvas - [E8-Software QA Testing](#) - Short video module. Please watch them before start practicing. ]

## What is provided?

1. Library app's user credential link: [click here](#)
2. User Stories & Test cases on Excel link: [click here](#)
3. Jira tickets from the instructor: [click here](#)



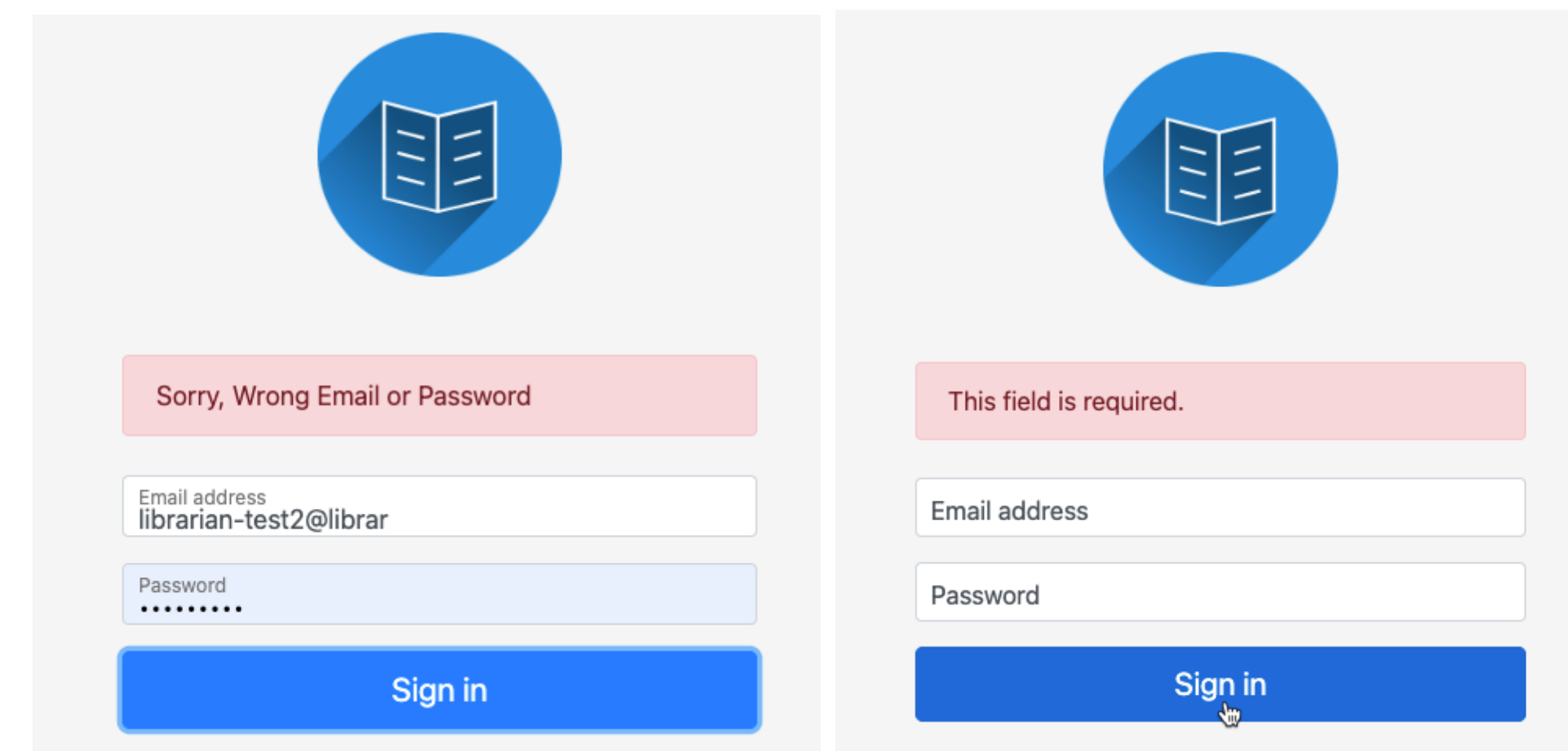
## User Story:

1.As a user, I want to **login** so that I can access to the app main features.


**AC1:** users should be able to **login with valid credentials** and launch to the homepage.

**AC2:** users should see "**Sorry, Wrong Email or Password**" error pop up message if any users try to login **with invalid credentials**.

**AC3:** users should see "**This field is required.**" error pop up message when they attempt to login without any credentials.



The image displays two side-by-side mockups of a login interface. Both mockups feature a blue circular icon with a white book symbol at the top. Below the icon is a red error message box. The left mockup shows the error message "Sorry, Wrong Email or Password" and the email field filled with "librarian-test2@librar". The right mockup shows the error message "This field is required." and the email field empty. Both mockups have a password field with masked characters and a blue "Sign in" button at the bottom.




Sorry, Wrong Email or Password

Email address  
librarian-test2@librar

Password  
.....

Sign in



This field is required.

Email address

Password

Sign in

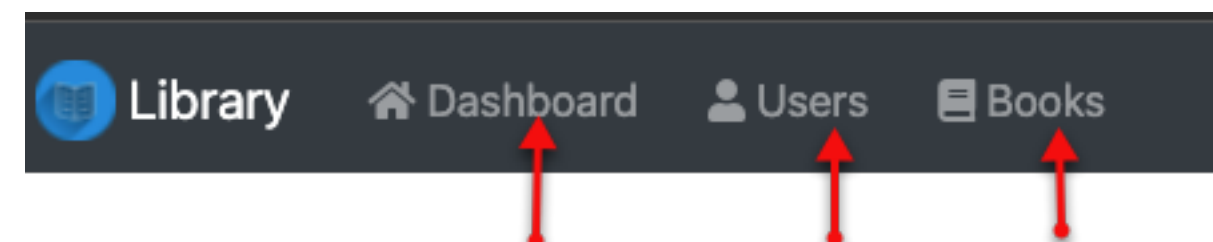


## User Story:

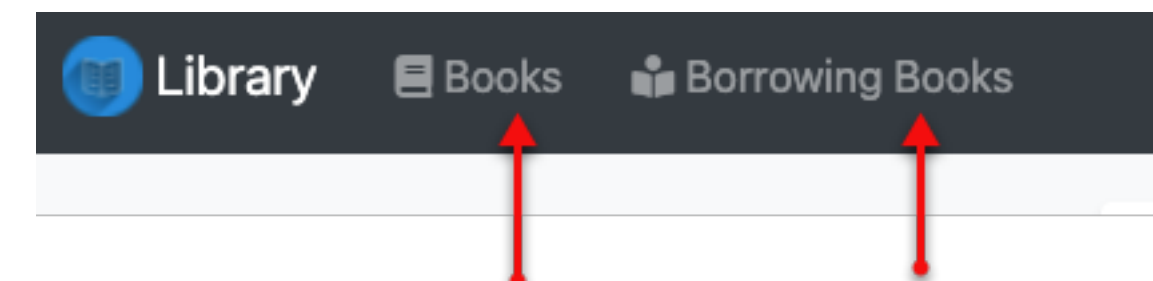
2. As a user, I want to **access to the main modules** of the app.

AC1: **Librarians** should see **3** modules:  
Dashboard, Users, Books

AC2: **Students** should see **2** modules:  
Books, Borrowing Books



Librarian's main modules

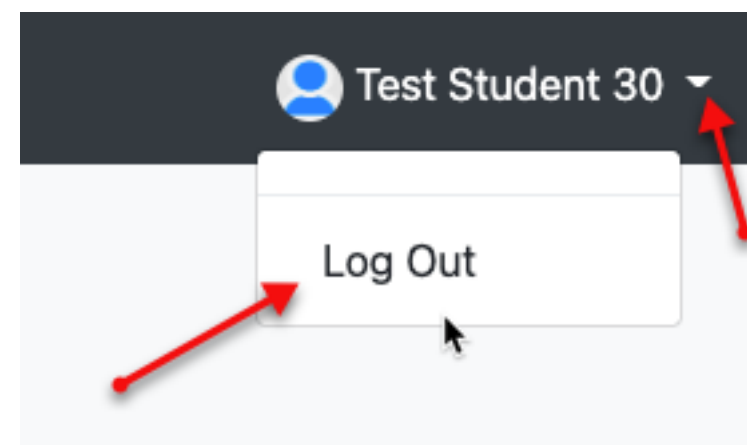


Student' main modules

### User Story:

3. As a user, I should be able to **logout** from the app.

**AC1:** **users** should logout from the homepage by clicking the “**Log out**” button under the account name.



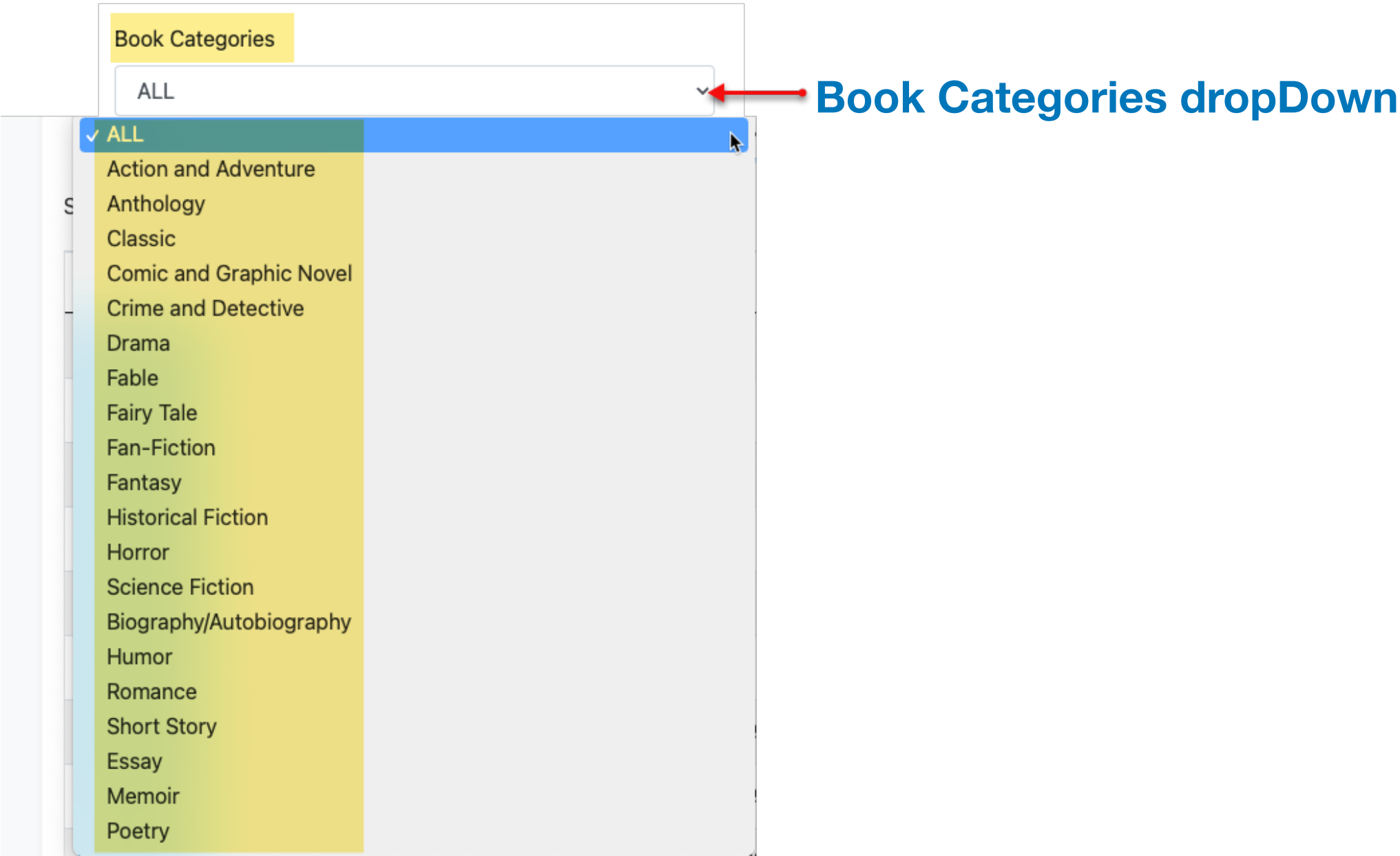


User Story:

4. As a user, I want to see **21 book categories** so I can filter my favorite books.

AC1: **users** should see **21 book categories** When users click the Book Categories drop down

- ALL
- Action and Adventure
- Anthology
- Classic
- Comic and Graphic Novel
- Crime and Detective
- Drama
- Fable
- Fairy Tale
- Fan-Fiction
- Fantasy
- Historical Fiction
- Horror
- Science Fiction
- Biography/Autobiography
- Humor
- Romance
- Short Story
- Essay
- Memoir
- Poetry



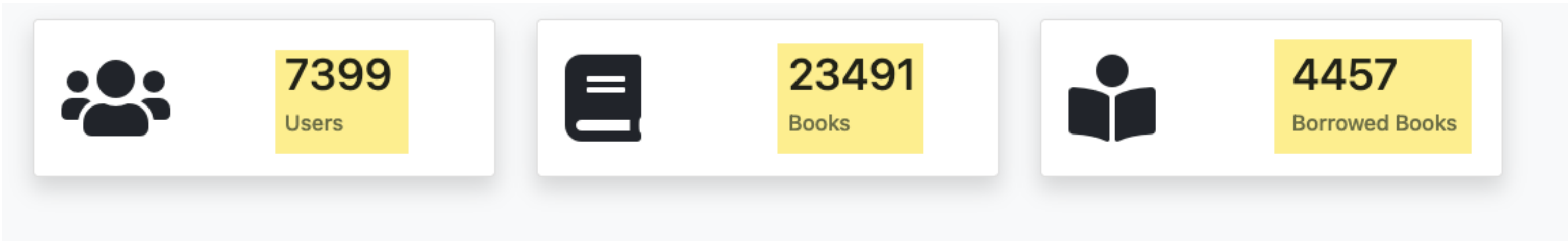
User Story:

5. As a **Librarians**, I want to see **total amount** of **users**, **books** and **borrowed books** on the dashboard page.

AC1: **Librarians** should see the total number of users and “Users” text.

AC2: **Librarians** should see the total number of Books and “Books” text.

AC3: **Librarians** should see the total number of borrowed books and “Borrowed Books” text.



User Story:

6. As a user, I should see the correct URL of the Books page.

AC1: Users should see the URL as " https://library2.cybertekschool.com/#books" when they access the "Books" page.

