

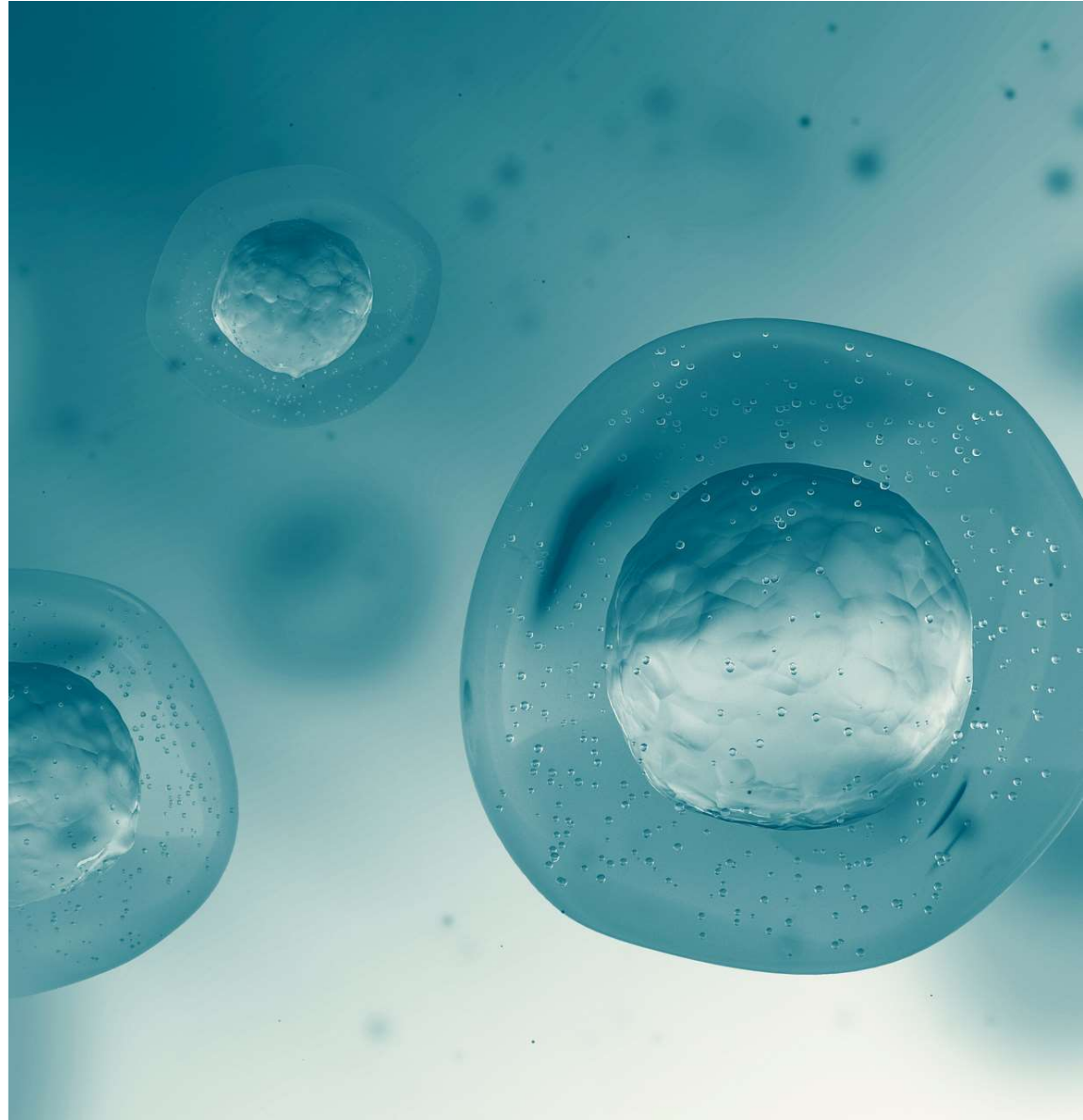


E-LIBRARY

UML

CONTENT

- Introduction
- ER diagram
- System screens

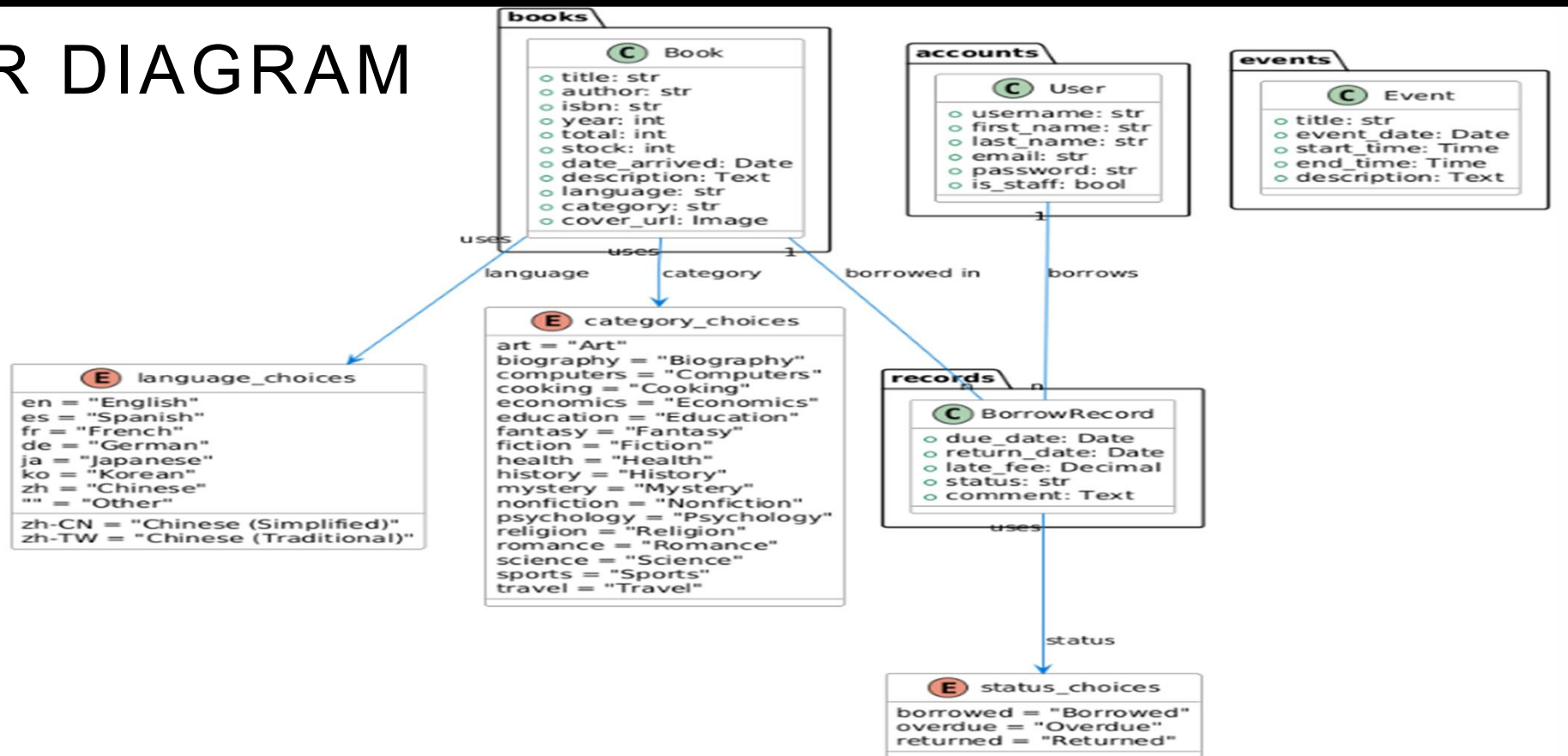




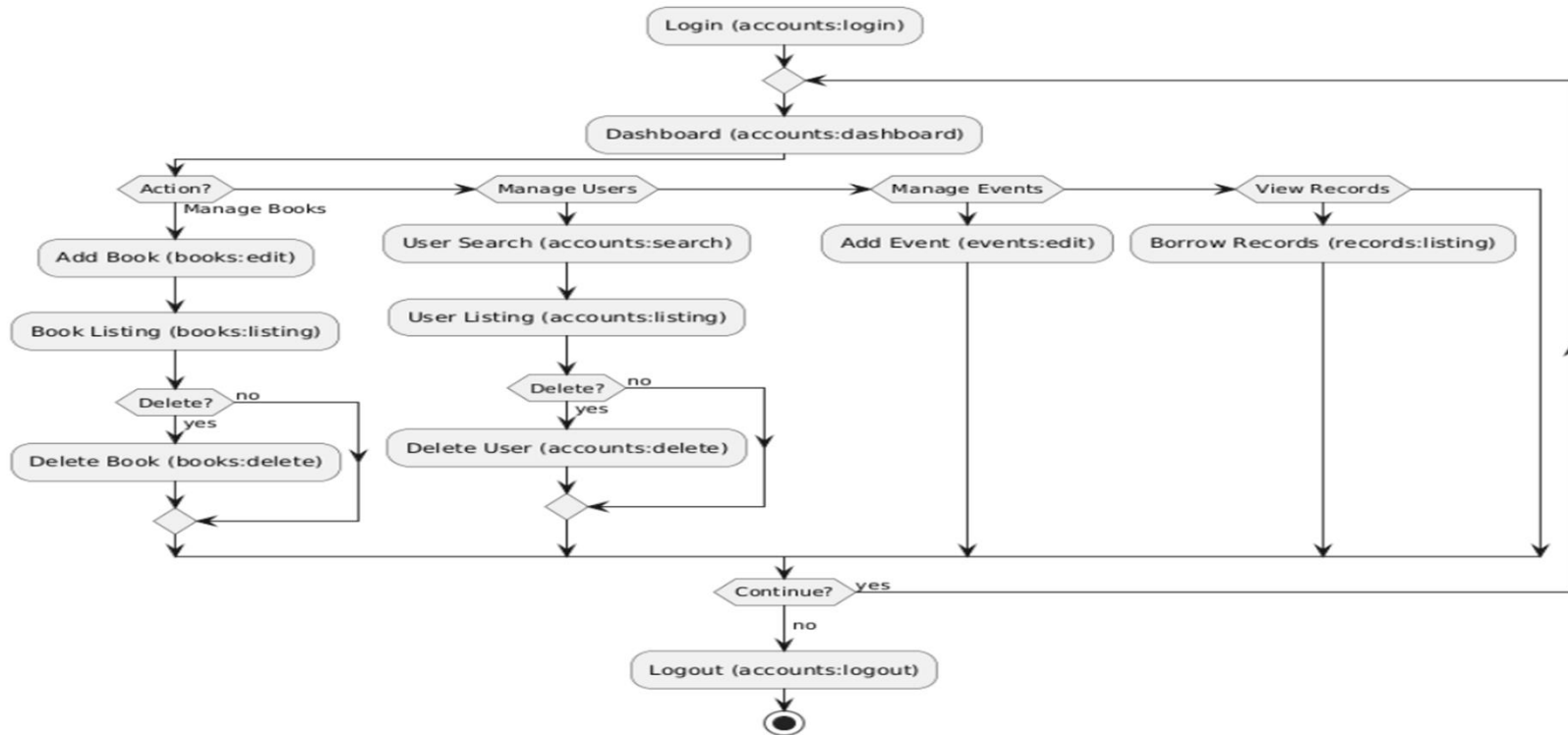
INTRODUCTION

- This is a e-library which support member book borrow and return
- There is two type of users who are administrator and member or user
- Administrator can maintain the book list and user/member
- Users can use the e-library to register their accounts, book borrow and return

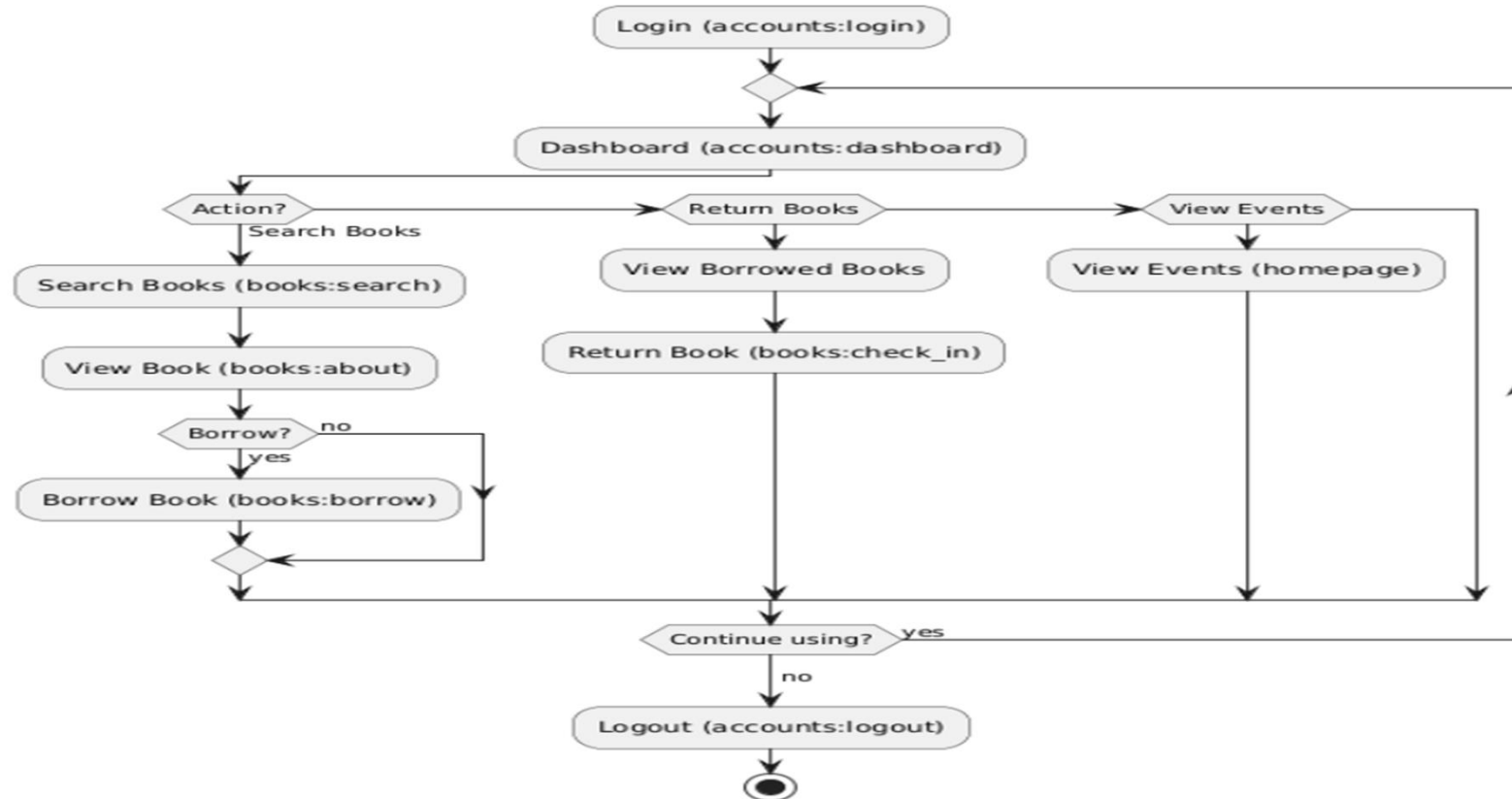
ER DIAGRAM



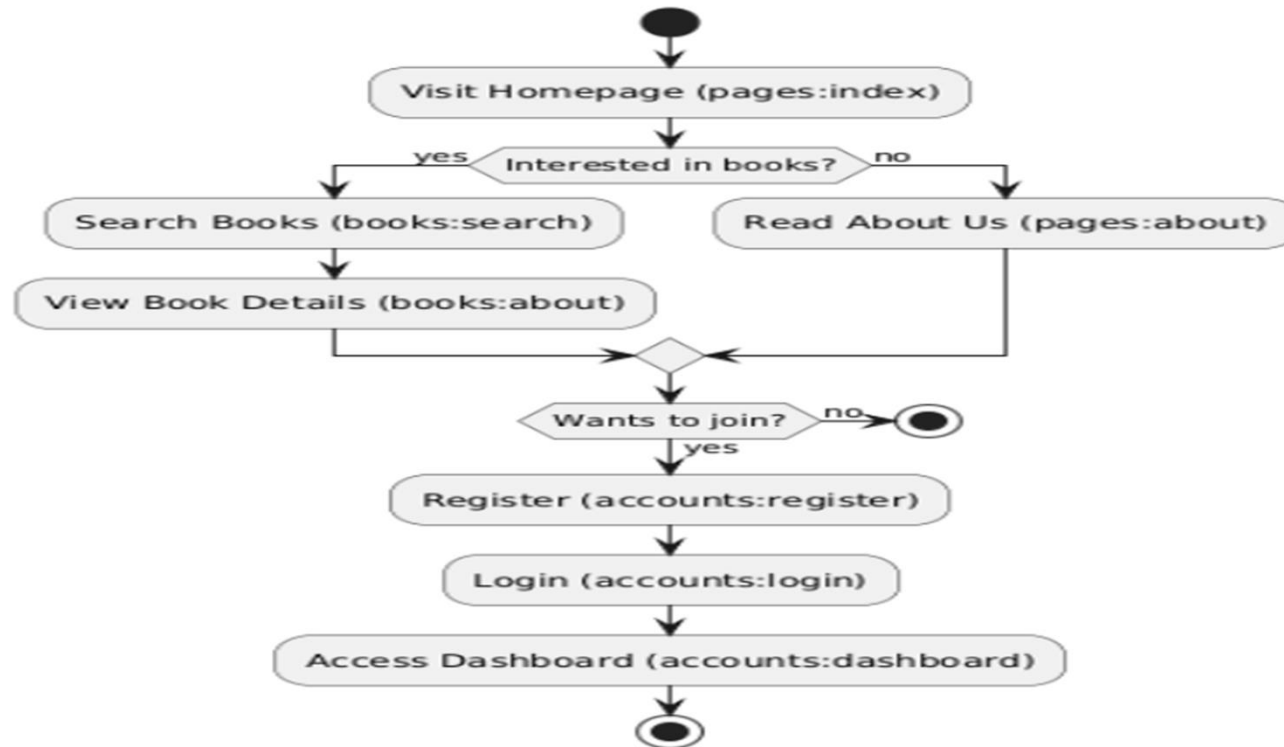
Staff Admin Navigation Flow



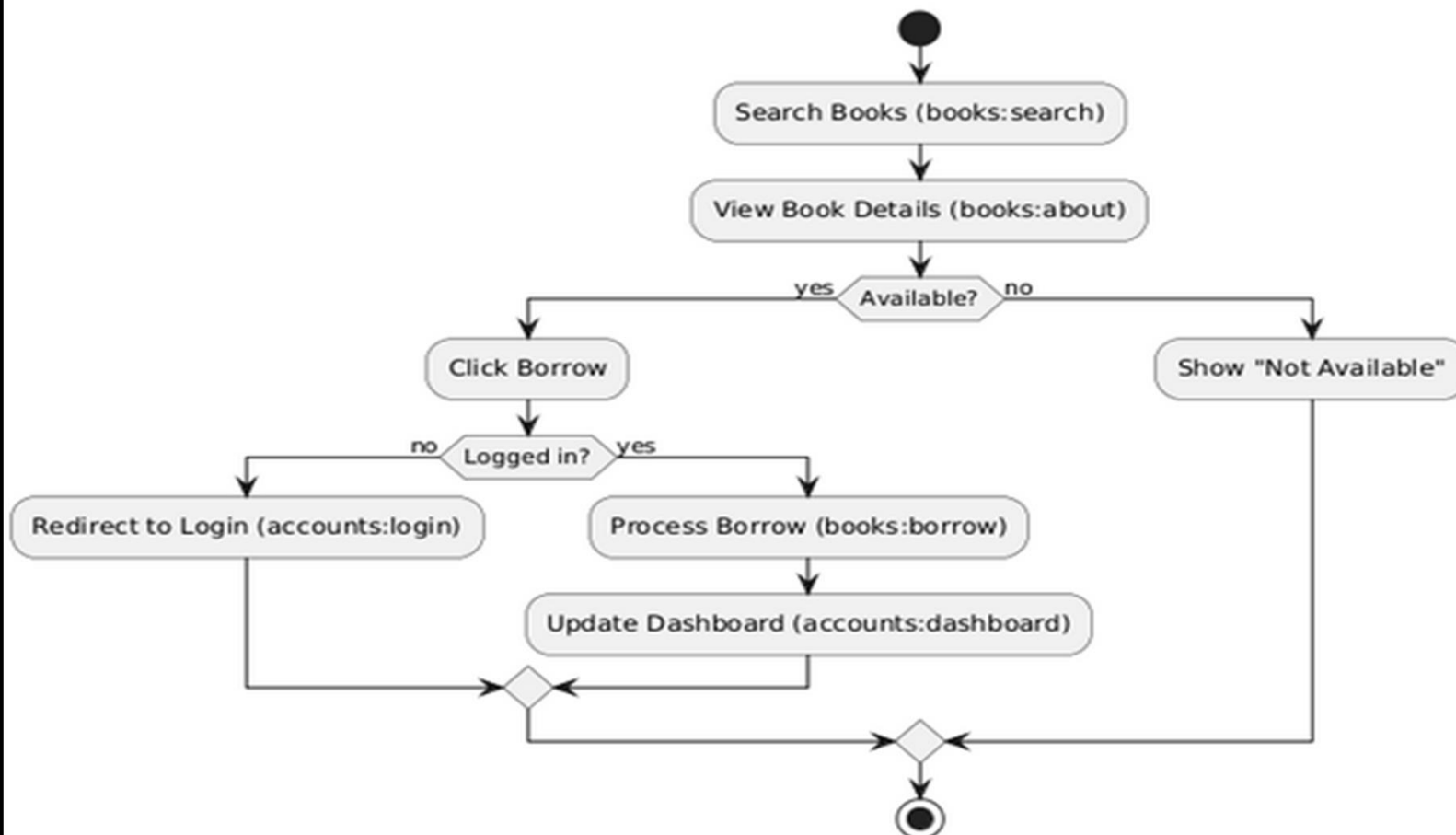
Member User Navigation Flow



Guest User Navigation Flow



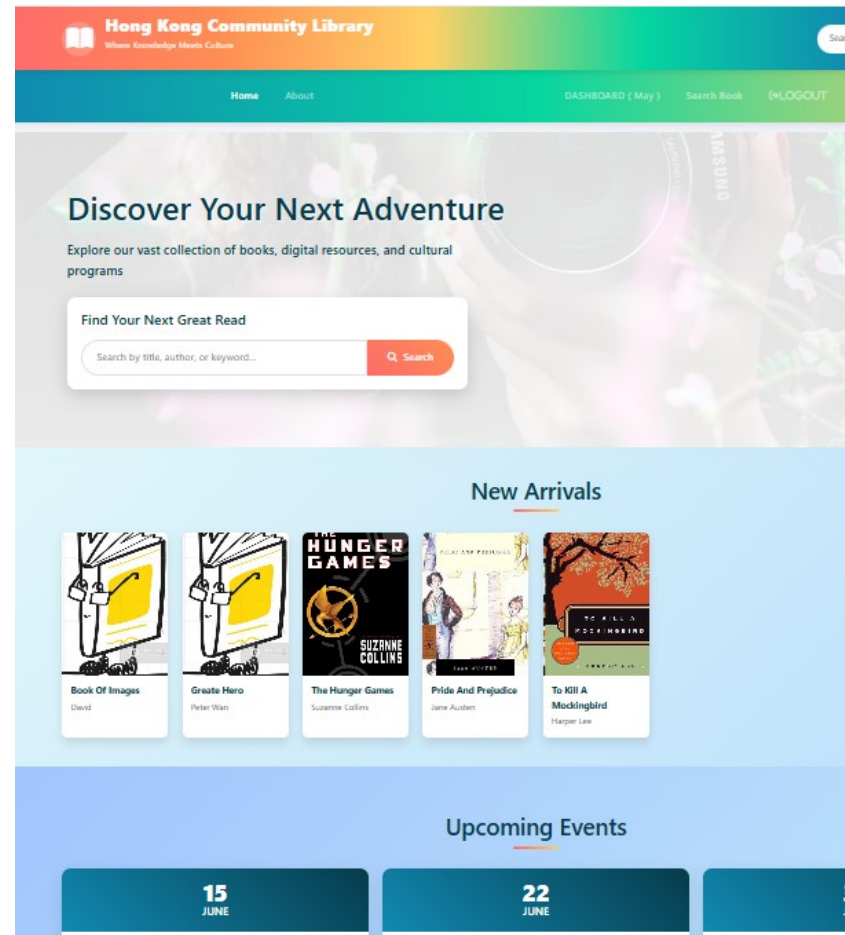
Book Borrowing Process Flow





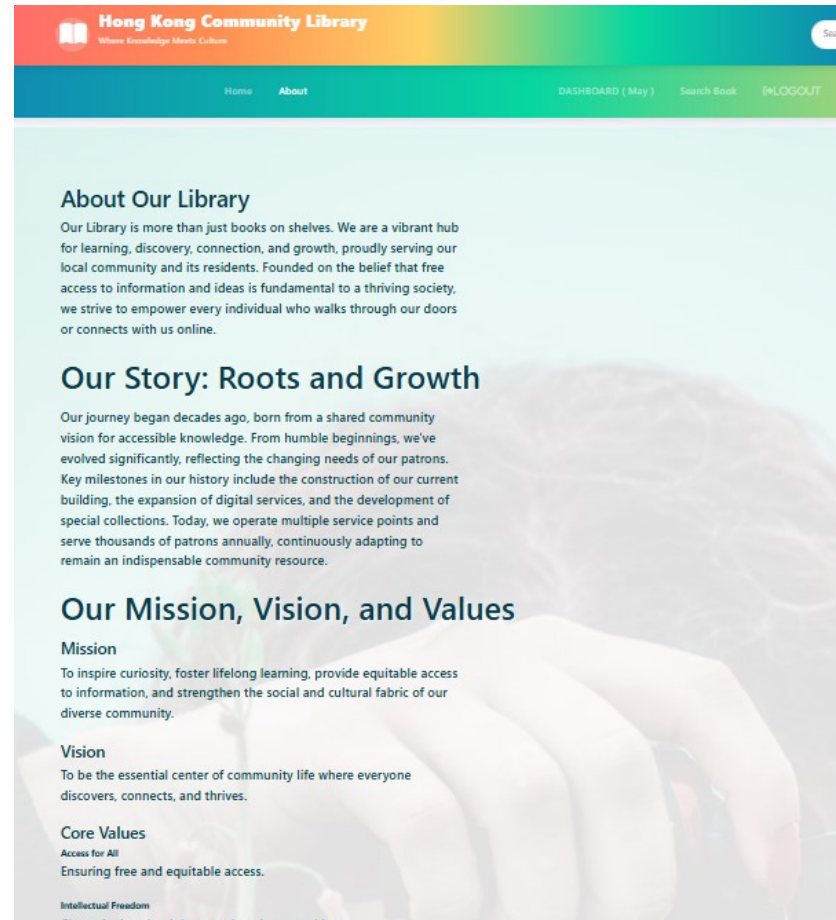
HOME

- Show list of books added recently
- show upcoming events
- provide keyword book field for multi-fields



ABOUT

- Introduce the library



SYSTEM SCREENS - ADMINISTRATOR

- For Staff Only
- Show list of new books added recently
- Show list of books borrow out recently

Hong Kong Community Library
Where Knowledge Meets Culture

Search books, author

Home About **DASHBOARD (ADMIN)** Search Book Add Book ACCOUNTS

New Books Arrive Today

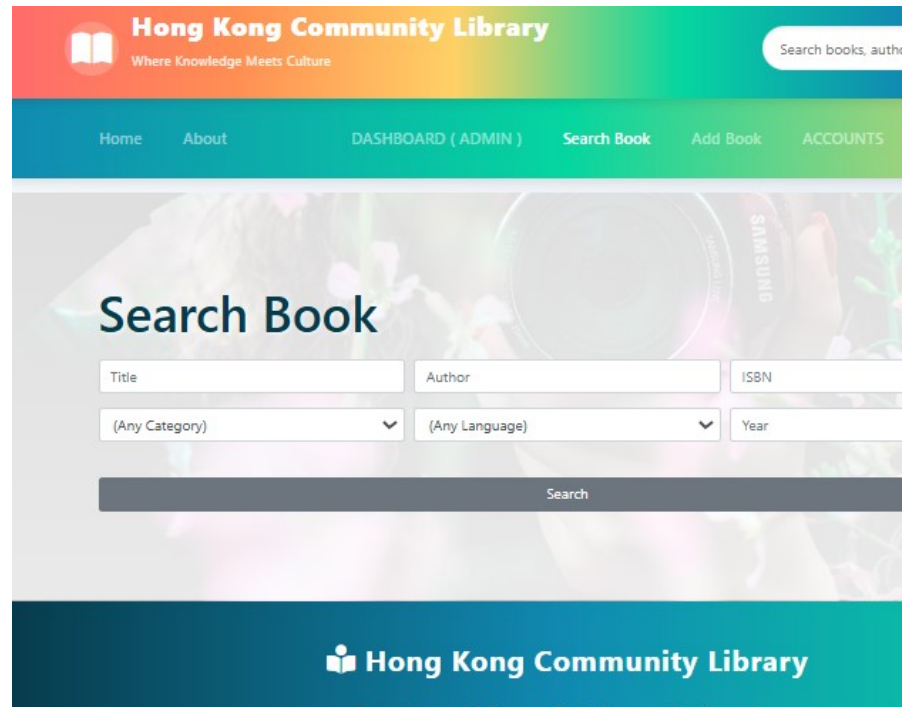
#	Title	Author	ISBN	Language
12	book of images	david	IA12345678901	
13	Greate Hero	Peter Wan	IB001234598768777	
4	The Hunger Games	Suzanne Collins	987654321	
6	Pride and Prejudice	Jane Austen	2345678	
7	To Kill a Mockingbird	Harper Lee	34567	

Books Check out Today

#	Title	Due Date
11	The Gunfighters	July 8, 2025
13	Greate Hero	July 9, 2025

SYSTEM SCREENS - ADMINISTRATOR

- Advance book search
- Provide multi-fields query keyword search
- Add book button for administrator
- Manage Account button for administrator



The screenshot displays the 'Search Book' interface for the Hong Kong Community Library. The header features the library's logo and name, 'Hong Kong Community Library', with the tagline 'Where Knowledge Meets Culture'. A search bar is located in the top right corner. The navigation menu includes links for 'Home', 'About', 'DASHBOARD (ADMIN)', 'Search Book', 'Add Book', and 'ACCOUNTS'. The main content area is titled 'Search Book' and contains a multi-field search form. The form includes input fields for 'Title', 'Author', and 'ISBN', as well as dropdown menus for '(Any Category)' and '(Any Language)', and a 'Year' input field. A 'Search' button is positioned below the form. The footer of the page displays the library's logo and name again.

Hong Kong Community Library
Where Knowledge Meets Culture

Search books, authors, etc.

Home About DASHBOARD (ADMIN) Search Book Add Book ACCOUNTS

Search Book

Title Author ISBN

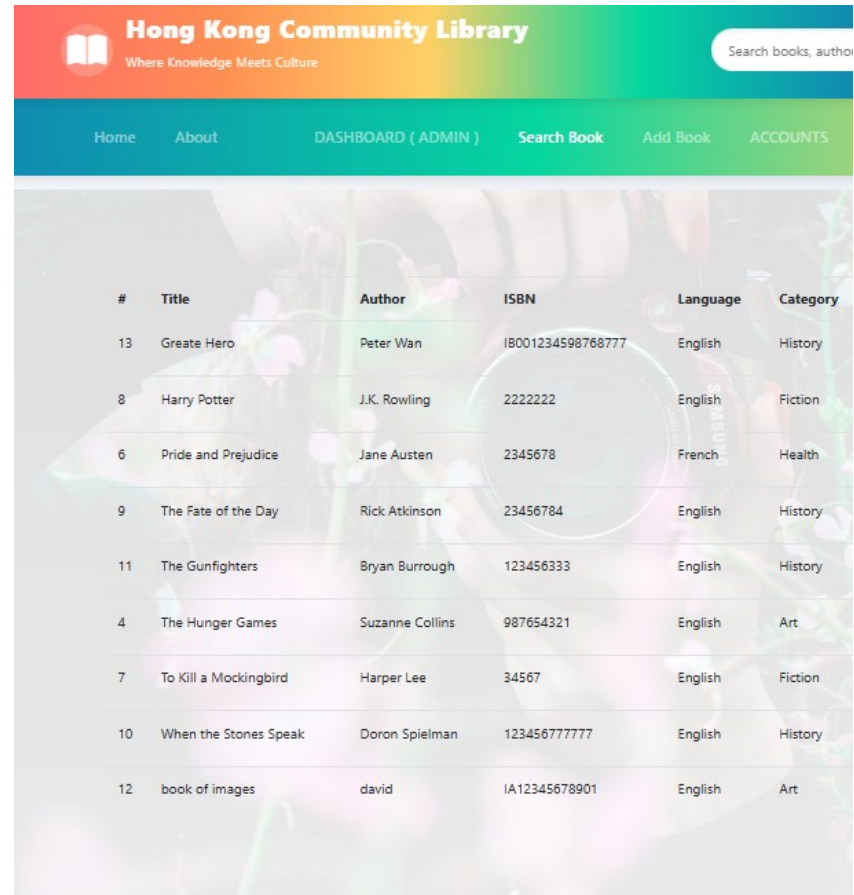
(Any Category) (Any Language) Year

Search

Hong Kong Community Library

SYSTEM SCREENS - ADMINISTRATOR

- - Book search result
- - Button to access details of the book

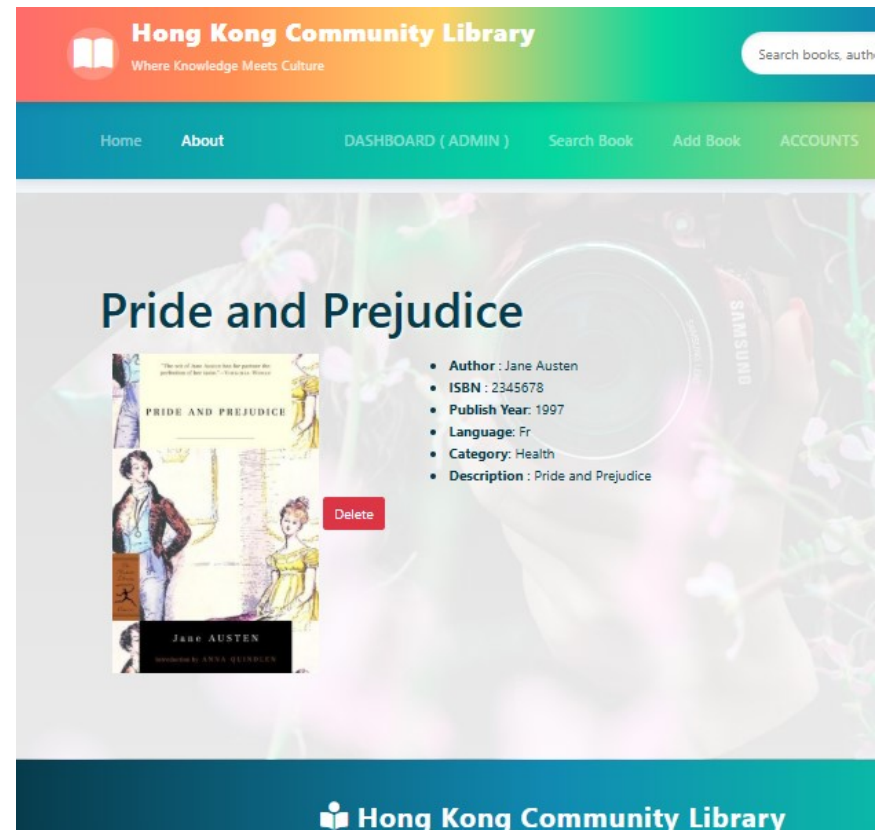


The screenshot displays the Hong Kong Community Library administrator interface. The header features the library's name and tagline, a search bar, and navigation links. The main content area shows a table of book search results with columns for ID, Title, Author, ISBN, Language, and Category. The table lists 12 books, including titles like 'Greate Hero', 'Harry Potter', and 'Pride and Prejudice'.

#	Title	Author	ISBN	Language	Category
13	Greate Hero	Peter Wan	18001234598768777	English	History
8	Harry Potter	J.K. Rowling	2222222	English	Fiction
6	Pride and Prejudice	Jane Austen	2345678	French	Health
9	The Fate of the Day	Rick Atkinson	23456784	English	History
11	The Gunfighters	Bryan Burrough	123456333	English	History
4	The Hunger Games	Suzanne Collins	987654321	English	Art
7	To Kill a Mockingbird	Harper Lee	34567	English	Fiction
10	When the Stones Speak	Doron Spielman	123456777777	English	History
12	book of images	david	1A12345678901	English	Art

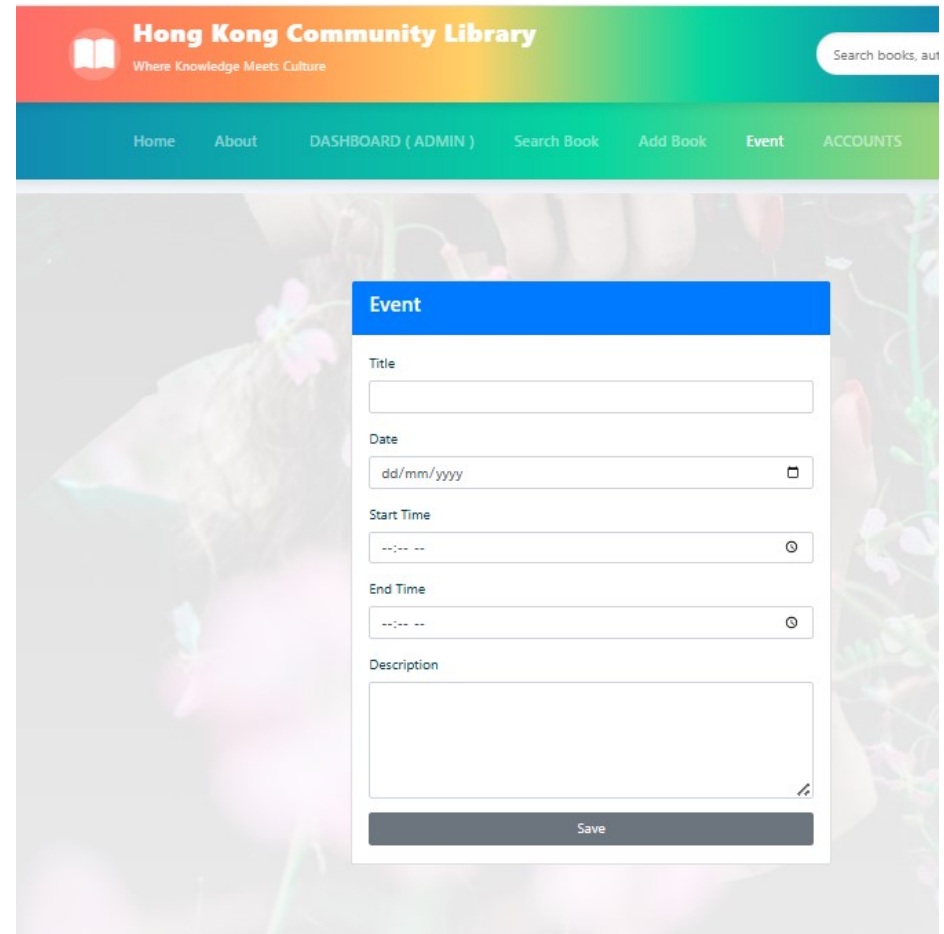
SYSTEM SCREENS - ADMINISTRATOR

- - Show the details of the book
- - Delete button for administrators
- - Borrow button for members



SYSTEM SCREENS - ADMINISTRATOR

- - Administrator only
- - Add coming events which is display on Home Page



The screenshot displays the 'Hong Kong Community Library' administrator dashboard. The header features the library's logo and name, a tagline 'Where Knowledge Meets Culture', and a search bar. The navigation menu includes links for Home, About, DASHBOARD (ADMIN), Search Book, Add Book, Event, and ACCOUNTS. The main content area shows a modal form titled 'Event' with the following fields: Title (text input), Date (calendar icon), Start Time (time picker), End Time (time picker), and Description (text area). A 'Save' button is located at the bottom of the form.

Hong Kong Community Library
Where Knowledge Meets Culture

Search books, aut

Home About DASHBOARD (ADMIN) Search Book Add Book Event ACCOUNTS

Event

Title

Date

Start Time

End Time

Description

Save

SYSTEM SCREENS - ADMINISTRATOR

- - Administrator only
- - Search account
- - show search account result
- - Delete account button

The screenshot displays the 'Account' management interface of the Hong Kong Community Library. The header includes the library's name and a search bar. The navigation bar shows the 'ACCOUNTS' section is active. The main content area features a form for adding or editing accounts, a search bar, and a table of existing accounts.

Hong Kong Community Library
Where Knowledge Meets Culture

Search books, authors, titles, etc.

Home About DASHBOARD (ADMIN) Search Book Add Book ACCOUNTS

Account

First Name User Name Phone

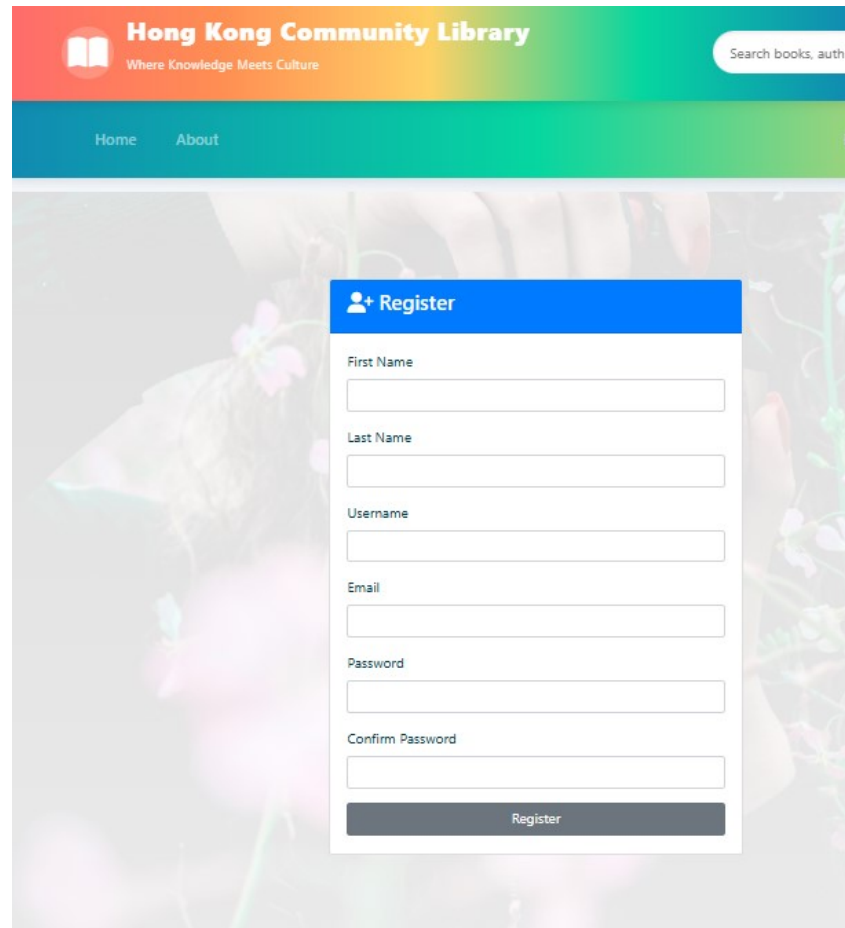
Last Name Email

Search

#	status	User Name	Last Name	Last Login
2	True	admin		June 26, 2025, 10:49 a.m.
4	True	erb	Erb	June 24, 2025, 9:47 p.m.
5	True	may	Chan	June 25, 2025, 5:20 p.m.

SYSTEM SCREENS - USER

- - Member register



The screenshot displays the member registration interface of the Hong Kong Community Library. The header features the library's logo, name, and tagline, along with a search bar. A navigation bar includes links for Home and About. The main content area shows a registration form with fields for First Name, Last Name, Username, Email, Password, and Confirm Password, followed by a Register button.

Hong Kong Community Library
Where Knowledge Meets Culture

Search books, authors, etc.

Home About

Register

First Name

Last Name

Username

Email

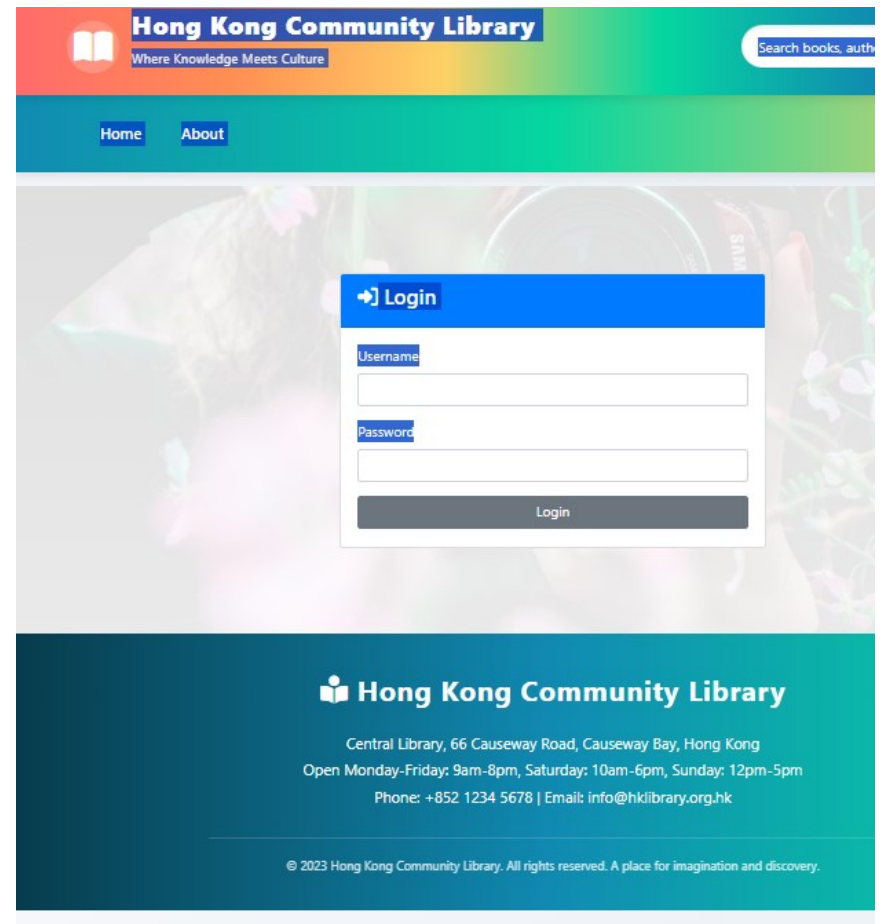
Password

Confirm Password

Register

SYSTEM SCREENS - USER

- User login



The screenshot displays the user login interface of the Hong Kong Community Library website. The page features a header with the library's name and a search bar, a navigation bar with 'Home' and 'About' links, and a central login form. The login form includes fields for 'Username' and 'Password', and a 'Login' button. The footer contains the library's address, opening hours, contact information, and a copyright notice.

Hong Kong Community Library
Where Knowledge Meets Culture

Search books, authors, subjects

Home About

Login

Username

Password

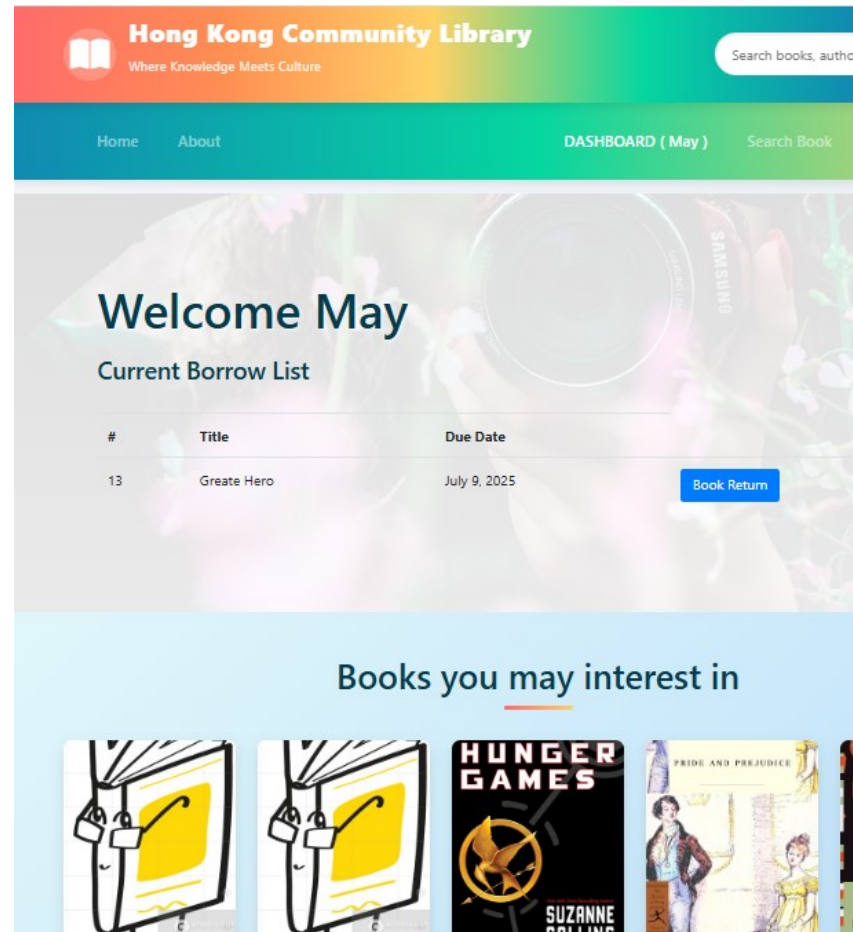
Login

Hong Kong Community Library
Central Library, 66 Causeway Road, Causeway Bay, Hong Kong
Open Monday-Friday: 9am-8pm, Saturday: 10am-6pm, Sunday: 12pm-5pm
Phone: +852 1234 5678 | Email: info@hklibrary.org.hk

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SYSTEM SCREENS - USER

- User Dashboard
- Show borrowed book list
- Book return button
- Suggest book list



SYSTEM SCREENS - USER

- Book details of selected book
- Borrow book button

