

Use Case

Stoica Sergiu, Pop Tudor

Use Case 1: User Registration

Actor: User

Description: The user fills in the registration form with necessary details. The system validates the information and creates the user's account. Once successful, the user is redirected to the homepage or profile page.

- Precondition: User is not logged in.
- Flow:
 1. User accesses the registration page.
 2. User fills in the required fields (e.g., email, password, etc.).
 3. System validates the data and creates the account.
 4. User is redirected to the login page or logged in automatically.
- Postcondition: Account is created, and user is ready to log in.

Use Case 2: User Login

Actor: User

Description: The user enters login credentials (username/email and password), and the system validates the data. Upon successful authentication, the system generates a JWT token to provide access to the user's profile and other features.

- Precondition: User has an existing account.
- Flow:
 1. User accesses the login page.
 2. User enters login credentials.
 3. System validates the credentials and generates a JWT token.
 4. User is granted access to their profile and the app features.
- Postcondition: User is logged in, and the JWT token is stored.

Use Case 3: Add Book

Actor: User

Description: The user adds a book to their reading list, including details such as title, author, and genre. The book is then visible in the user's profile.

- Precondition: User is logged in.
- Flow:
 1. User navigates to the "Add Book" page.
 2. User enters book details (e.g., title, author, genre).
 3. User can also upload a book cover image (optional).
 4. System stores the book information and adds it to the user's profile.
- Postcondition: The book is successfully added to the user's reading list.

Use Case 4: Rate and Review Book

Actor: User

Description: The user can rate a book and leave a review. This action helps other users to discover books and provides insights into the user's reading preferences.

- Precondition: User has added the book to their list.
- Flow:
 1. User navigates to the book's detail page.
 2. User selects a rating (e.g., stars) and writes a review.
 3. User submits the rating and review.
 4. System stores the rating and review and updates the book's page with the user's feedback.
- Postcondition: Rating and review are stored and visible to the community.

Use Case 5: Start Discussion or Private Chat

Actor: User

Description: The user can start a public discussion or initiate a private chat with another user. This allows interaction and sharing of book insights.

- Precondition: User is logged in.
- Flow:
 1. User selects a book or topic to discuss.

2. User can either post a public discussion or send a private message to another user.
 3. System processes the message and sends it to the relevant recipients.
- Postcondition: The message is posted, and users are notified.

Use Case 6: Level Progression

Actor: User

Description: The user earns experience points based on the number of books they have read, which helps them level up within the application.

- Precondition: User has books in their reading list.
- Flow:
 1. User reads and adds books to their list.
 2. System tracks the number of books read.
 3. Once a user reaches a set number of books, they level up.
 4. The user's profile is updated with their new level.
- Postcondition: The user's level is updated based on their reading progress.

Use Case 7: Delete Inappropriate Posts

Actor: Moderator

Description: A moderator can delete posts that violate community guidelines.

- Precondition: Moderator is logged in.
- Flow:
 1. Moderator navigates to the reported or flagged posts section.
 2. Moderator reviews the content of the post.
 3. If the post violates community guidelines, the moderator selects the delete option.
 4. System removes the post from public view.
 5. A notification is sent to the user who posted it, informing them of the removal.
- Postcondition: The inappropriate post is removed.

Use Case 8: Moderate Messages and Users

Actor: Moderator

Description: A moderator can monitor chat messages and user activities, issuing warnings or banning users if necessary.

- Precondition: Moderator is logged in.
- Flow:
 1. Moderator accesses the moderation dashboard.
 2. Moderator reviews flagged messages or reports from users.
 3. If necessary, the moderator can delete messages or issue a warning to the user.
- Postcondition: The chat or discussion space remains moderated and safe.