Tutorial

Actvity Description.pdf

Activity 1/2: Use cases and description

1. **Customer Registration**

   Actors: User

   Description: A user can register on the bookstore website by providing personal details.

   PreConditions: User must have valid email and valid password

   Post: Users account is created and they recieve confirmation email

   Flow

   1. User navitagates to registration page

   2. User fills in personal details

   3. User submits forum

   4. backend validates the data

   5. new account is created

   6. confirmation mail sent to user

   7. user recieves such email

2. **Book Search**

   Actors: User

   Description: A registered or guest user can search for books by title, author, or

genre.

PreConditions: None as guest can make request too

Post: User or guest will see the list of books filtered by there request

Flow

1. user (or guest) enters search page

2. user (or guest) searches for book based off their needs

3. backend searches through book db

4. list of books matching criteria is displayed

3. **Book Purchase**

4. **Actors:** User

Description: A registered user can purchase books using a shopping cart system. Payment is processed through a secure payment gateway.

PreConditions: User must be registered and logged in

Post: Book purchase is made and payment processes

Flow

1. user adds book to shopping cart

2. user reviews cart and proceeds to checkout

3. user fills in needed details such as address

4. user enters card details to pay for book

5. backend deals with payment

6. order is confirmed and inventory updated

4. **Order Tracking**

Actors: User

Description: A user can track their orders by entering the order ID.

PreConditions: Order id recieved from payment

Post: User can track order

Flow

1. Users goes to order tracking page

2. users inputs order ID from successful order

3. backend retrives the status of the order

4. order status id displayed to the user

5. **Review Submission**

Actors: User

Description: A registered user can submit reviews for purchased books

PreConditions: User must have purchased a book

Post: Review will appear on the page

Flow

1. User navigates to past orders page

2. user clicks on order and presses "leave a review"

3. user submits review

4. backend processes review

5. review is displayed under reviews section on book

Guest

Track Order

register

search for a book

Registered User

Review Purchased Book

Purchase a book