Online Book Store Application

Admin

* **Name**: Add books
* **Brief Description:** The process by an admin adding books to the bookstore Application.
* **Actors:** Admin
* **Preconditions:** The Admin is logged into the application after registration. If Admin is a registered before directly guides to login.
* **Basic Flow:**

1. Admin user logs into the bookstore application.
2. Admin is navigated to book management and instruction.
3. Admin chooses "Add Book" option.
4. All the details including title, author, year, genre, description, and cover image.
5. Confirmation of successful addition is shown.
6. Admin can continue adding more books.

* **Alternate Flows:**

1. Error handling during adding books.
2. Provide confirmation message.

* **Post Conditions:** Provide confirmation message.
* **Name**: Update books
* **Brief Description:** Admin user modifies book information in a bookstore application.
* **Actors:** Admin
* **Preconditions:** Admin user is logged in with proper permissions in the bookstore application.
* **Basic Flow:**

1. Admin user logs into the bookstore application.
2. Admin is navigated to book management and instruction.
3. Admin selects a book to update.
4. Admin chooses "Edit" option and modifies book attributes.
5. Changes are validated and saved.
6. Confirmation of successful update is shown, and Admin can continue updating other books.

* **Alternate Flows:** Error handling during validation and cancellation of book update.
* **Post Conditions:** The selected book is successfully updated with modified information in the bookstore application.
* **Name**: view book
* **Brief Description:** Admin user views book information in a bookstore application.
* **Actors:** Admin
* **Preconditions:** Admin user is logged in with proper permissions in the bookstore application.
* **Basic Flow:**

1. Admin user logs into the bookstore application.
2. Admin is navigated to book management and instruction.
3. Admin selects a book to view.
4. The application displays the details of the selected book, including title, author, description, and price.
5. Admin can view additional information and attributes of the book, such as availability and customer reviews.
6. Admin can choose to go back to the book list or perform other actions within the application.

* **Alternate Flows:** None.
* **Post Conditions:** Admin successfully views the selected book's information in the bookstore application.
* **Name**: Delete book
* **Brief Description:** Admin user deletes a book from the bookstore application.
* **Actors:** Admin
* **Preconditions:** Admin user is logged in with proper permissions in the bookstore application.
* **Basic Flow:**

1. Admin user logs into the bookstore application.
2. Admin is navigated to book management and instruction.
3. Admin selects a book to delete.
4. Admin confirms the intention to delete the book.
5. The application removes the selected book from the database.
6. Confirmation of successful deletion is shown.

* **Alternate Flows:** None.
* **Post Conditions:** The selected book is successfully deleted from the bookstore application.
* **Name**: Feedback
* **Brief Description:** Admin user views and responds to customer feedback in a bookstore application.
* **Actors:** Admin
* **Preconditions:** Admin user is logged in with proper permissions in the bookstore application.
* **Basic Flow:**

1. Admin user logs into the bookstore application.
2. Admin navigates to the feedback management section.
3. Admin views a list of customer feedback entries and selects a specific feedback entry to read.
4. The application displays the customer's feedback message and rating.
5. Admin chooses to respond to the feedback.
6. Admin enters a response message and submits it.
7. The application saves the admin's response and associates it with the feedback entry.
8. Confirmation of successful response submission is shown.
9. Admin can continue viewing and responding to other feedback entries.

* **Alternate Flows:** None.
* **Post Conditions:** Admin successfully views customer feedback and responds to it, with the responses recorded in the bookstore application.

User

* **Name**: Search books
* **Brief Description:** User searches for books in a bookstore application.
* **Actors:** User
* **Preconditions:** User searches for books in a bookstore application.
* **Basic Flow:**

1. User opens the bookstore application.
2. User is presented with a search bar or a search page.
3. User submits the search query.
4. The application displays a list of books that match the search criteria, including relevant details (e.g., title, author, availability).
5. User can add a book to their wish list, want to read or take further actions (e.g., view book details, read reviews).
6. User can refine the search criteria and repeat the search process if desired.

* **Alternate Flows:** If the search query does not match any books, the application displays an error message “No books found “and prompts the user to enter valid criteria.
* **Post Conditions:** The user is presented with a list of books.
* **Name**: List books
* **Brief Description:** User lists books in a bookstore application.
* **Actors:** User
* **Preconditions:** User is logged in to the bookstore application.
* **Basic Flow:**

1. User opens the bookstore application.
2. User is presented with a book listing page or a home screen with book categories.
3. User selects a book category or chooses to view all books.
4. The application retrieves books from the database based on the selected category or displays all available books.
5. The application displays a list of books with basic information such as title, author, and genre.
6. User can scroll through the list to browse the available books.

* **Alternate Flows:** If the selected book category does not have any books, the application displays a message indicating that no books are available in that category.
* User can select filtering options to refine the book list on criteria such as genre, price, or author.
* User can select sorting options to order the book list by relevance, popularity, or other attributes.
* At any point during the book listing process, user can choose to cancel and return to the previous page or the application's home screen.
* **Post Conditions:** User is presented with a list of books based on the selected category.
* **Name**: Add to Favorite Book
* **Brief Description:** User adds a book to their favorites list in a bookstore application.
* **Actors:** User
* **Preconditions:** User is logged in to the bookstore application.
* **Basic Flow:**

1. User opens the bookstore application.
2. User navigates to the book details page or the book listing page.
3. User selects a book they want to add to their favorites.
4. User chooses the "Add to Favorites" or similar option for the selected book.
5. The application adds the book to the user's favorites list.
6. The application displays a confirmation message indicating that the book has been successfully added to the user's favorites.

* **Alternate Flows:** f the selected book is already in the user's favorites list, the application may display a message indicating that the book is already added to favorites.
* User can choose to remove the book from favorites or go back to the previous page.
* At any point during the process, user can choose to cancel adding the book to favorites and return to the previous page or the application's home screen.
* **Post Conditions:** User is presented with a list of books based on the selected category.
* **Name**: Read Book
* **Brief Description:** User reads a book in a bookstore application.
* **Actors:** User
* **Preconditions:** User is logged in to the bookstore application and has access to the desired book.
* **Basic Flow:**

1. User opens the bookstore application.
2. User navigates to the book details page or the book listing page.
3. User selects the book they want to read.
4. User chooses the "Read" or similar option for the selected book.
5. The application opens the book in a reading interface or a dedicated e-reader.
6. User can scroll through the pages or use navigation controls to move forward or backward in the book.
7. User can adjust settings such as font size, font style, and background color for a comfortable reading experience.
8. User can bookmark pages or add notes if the application supports those features.
9. User can continue reading the book at their own pace.

* **Alternate Flows:** f the selected book is already in the user's favorites list, the application may display a message indicating that the book is already added to favorites.
* User can choose to remove the book from favorites or go back to the previous page.
* At any point during the process, user can choose to cancel adding the book to favorites and return to the previous page or the application's home screen.
* **Post Conditions:** User can read the selected book within the bookstore application.
* **Name**: Rate Book
* **Brief Description:** User rates a book in a bookstore application.
* **Actors:** User
* **Preconditions:** User is logged in to the bookstore application and has read the desired book.
* **Basic Flow:**

1. User opens the bookstore application.
2. User navigates to the book details page or the book listing page.
3. User selects the book they want to rate and then user chooses the "Rate".
4. The application presents a rating interface or a set of rating options.
5. User selects the desired rating value, such as stars or a numerical rating.
6. User submits the rating.
7. The application saves the user's rating for the book.
8. The application may display a confirmation message indicating that the rating has been successfully recorded.

* **Alternate Flows:** Changing the rating, Error handling, Average rating display, User review or comments, Canceling the rating.
* **Post Conditions:** The user's rating is successfully recorded for the selected book.
* **Name**: View Book Ratings
* **Brief Description:** User views the ratings of a book in a bookstore application.
* **Actors:** User
* **Preconditions:** User is logged in to the bookstore application and navigates to the book details page.
* **Basic Flow:**

1. User opens the bookstore application.
2. User navigates to the book details page or the book listing page.
3. User selects the book they want to view ratings for.
4. The application displays the book details, including the average rating and the number of ratings.
5. User can view the average rating as a numerical value or visual representation (such as stars).
6. User can see the total number of ratings received for the book.
7. User can choose to read individual user reviews or comments if available.

* **Alternate Flows:** No ratings available, sorting options, filtering options, Canceling the operation.
* **Post Conditions:** User can view the average rating, number of ratings, and individual user reviews for the selected book in the bookstore application.
* **Name**: View New Releases
* **Brief Description:** User views the new releases in a bookstore application.
* **Actors:** User
* **Preconditions:** User is logged in to the bookstore application.
* **Basic Flow:**

1. User opens the bookstore application.
2. User navigates to the "New Releases" section or a designated page for new releases.
3. The application displays a list of recently released books.
4. User can scroll through the list to browse the new releases.
5. Each book in the list is shown with basic information such as title, author, price and cover image.

* **Alternate Flows:** Empty new releases, filtering options, sorting options, searching within new releases, Canceling the operation.
* **Post Conditions:** User is presented with a list of new releases in the bookstore application, allowing them to explore and discover recently published books.