

Instructions:

Based on the requirements specification of the Online Bookstore System, implement the registration, login, edit profile, logout, and manage shopping cart user stories.

This deliverable will be graded by demonstrating your work to me or to a TA. Team Leaders need to sign up for a demonstration time. Links to the demo schedule will be posted on eLC.

At least 2 members of each team should demonstrate this sprint. Team leaders or a designated team member must submit the code to the assignment folder on eLC before the demonstration. Submit one compressed file containing the complete code.

Read the project document and review the use cases before coding and Populate your database tables with sample books and users of different types.

Rubrics: [200 points total]**1- Home Page [20 pts]**

The home page of the website should show the cover pages of the books and the needed UI widgets. For example: cart icon, login option, a facility to add the book to the cart, search and filter bar with the implementation of the search for books functionality. You also need the admin home page that you have implemented in sprint 1.

Note that the books on the home page must be retrieved from the database. Arrange the homepage to show a meaningful display of two categories. For example: Featured books / best sellers, new arrivals, and coming soon, ...

2- Registration [40 Points]

Acceptance Criteria:

- Registration form (Completeness, and correctness) 10 pts
- Displaying an option to register for promotion 10 pts
- Sending the confirmation email 10 pts
- Test that user data is stored in the database with correct status (Active/Inactive) 10 pts

We will test with different test cases. The integrity and security controls are implemented.

All nonfunctional requirements are required as stated in point 5 below.

3- Login [40 Points]

Acceptance Criteria:

- Login form (Completeness, UI/UX) 10 pts
- Forget/reset my password (testing that the complete process is correct) 15 pts
- Navigate to the correct page based on privileges and user status. 10 pts
- Remember me option works [Bonus 2 pts]
- Signup option should be displayed 05 pts
- Remember me option [Bonus 3 pts]

All nonfunctional requirements are required as stated in point 5 below.

4- Logout [5 Points]

Acceptance Criteria:

- The option is clear to users.
- The Session ended correctly

5- Edit profile [35 Points]

Acceptance Criteria:

- Edit profile form (Correctness and Completeness, UI/UX) 10 pts
- Correctness of functionalities: Information should be pulled from the database and displayed on the form; users can change their first and last name, billing address, password, and payment card. Users should NOT be able to modify the email address. 10 pts
- Displaying an option to register/unregister for promotions
- Data changed by the user should be saved in the database tables correctly. 10 pts
- Restriction that users cannot store more than one address and 4 payment cards. 05 pts

All nonfunctional requirements are required as stated in point 5 below.

6- Add Book to shopping cart

Users can add a book to their shopping cart.

7- Manage Shopping Cart [30 points]

Acceptance Criteria:

- Users can view the shopping cart.
- Shopping cart view/form: The shopping cart view should show the books in the cart with their quantities, and it should include an option to check out. 05 pts
- Users can update the quantity of the books in their shopping cart. They can also remove a book from the cart. The cart is stored correctly in the database. 20 pts
- The checkout process is not required for this sprint. Your view should show the checkout option (or button). At this point, if the user selects to check out and is not logged into the system, the system should display a helpful message indicating that they need to log in to complete the order, with a link to the login page. 05 pts

8- Non-Functional Requirements: [30 Points]

1. Usability requirements (UX/UI) 10 pts
The look and feel of the UI, user guidance, helpful and positive prompts, error messages and confirmation messages.
2. Security Requirement: [20 pts]
 - User privileges and data security (encrypt/hash passwords and payment card numbers). 15 pts
 - User profile: In case of changing profile information, the system sends an email to the user that the profile has been changed. 5 pts