

Submit the source files (Python, Java files or the web interface) of the UI prototype of the Online Bookstore System (OBS) to the assignment folder, by midnight.

Evaluation of this assignment will be by demonstrating the user interface to the professor or her TAs. A link to the demo schedule will be on the content page. At least 2 members should demonstrate the UI.

The number of pages/windows depends on your UI design.

You must implement the UI elements that you have discovered by analyzing your project. Each team should use their analysis models, imagination, innovation and design capabilities throughout the design process.

You don't have to implement all functionalities. Navigation from one screen to another or event handling is only required for the home page functionalities: Display books and show book details only.

I expect you to cover all of user portal use cases.

Here are some views/pages; not necessarily to be in distinct pages/screens, again depends on your design:

A) User view [130 Points]

1. Home page for the Online Bookstore System. —
For this part, you will need a full-stack implementation (the UI, the Business logic, and the DB layers need to be integrated). You will need to create your database schema with at least the books table created and filled with sample books. The books you display on the home page should be retrieved from the DB.
 - 1.1 The homepage should be user-friendly, showing relevant items, for this deliverable, at least a Login option, a profile icon, a shopping cart icon, and a search bar. (15 pts)
 - 1.2 The home page should have two parts: Featured books or top sellers, and Coming Soon books. (10 pts)
 - 1.3 The home page should display book images and titles as retrieved from the DB. With a link to view the book details page. (15 pts)
 - 1.4 The “Add to cart” option should be included properly. (10 pts)
 - 1.5 The Search functionality should allow users to filter according to search criteria, search by book title, by author, or by Genre. (10 pts)
2. Registration UI: Show all input fields identifying mandatory fields, and the registration confirmation window/page. (10 pts)
3. Login window/page 15 points
4. Edit profile window/page: This includes change password, personal info, payment info, and address info. (15 pts)
5. The shopping cart view: Users see items in the cart with their prices and an option to change the quantity
6. The checkout process UI. (20 pts)
For this process, your UI design should consider that your future implementation should check if the user has a saved payment card. If a payment card was saved, you need to display the card info and give an option to the user to enter/change the card. You will need the same process for processing the shipping address. Then you will display the order confirmation page and a prompt that a confirmation email was sent to the user’s stored email address.
The Order Summary/confirmation view shows order details, including the books purchased and the price of each book in the order, and the order total before and after tax.
7. The order history view, expected to display the users orders if any, with an option that allows users to

reorder books from their order history. (10 pts)

B) Admin View [10 Points]

Admin home page screen (admin view should include a menu of possible functionalities: manage books, manage users, and manage promotions).

C) Look and feel of the UI [10 Points]

We are following an iterative development process; we do not expect that the UI of this deliverable is your final UI. You will be enhancing your UI while working on the upcoming sprints. However, we expect to implement a good user experience and appearance of the UI in this demo, including user guidance, color pairing, and following the best practices of e-commerce systems.