Class Project Phase 1

Team name: Placeholder

Team 7

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Project Overview

Login Page

Stakeholder's requirements:

1. Company Logo
2. 1 piece of text that initially states login below, but will change to invalid login if needed
3. 2 text fields (username and password)
4. Continue button

When a user enters the application they initially are met with this page. They are left to put their username and password. Based on their inputs they will then be directed to a different page, assuming the login matches one stored. If their login doesn't match ones stored the text above will notify them that they have input an invalid login.

Seller's View

Stakeholders' requirements: The Seller's page should have the following –

- Title: "Sun Devil Bookstore"
- Book System Logo
- Greeting Text: "Welcome Sellers!!"
- Log Off Button: Located at the bottom right corner
- Main Sections:
    1. Left Panel: For entering book information
    2. Right Panel: For listing and calculating the book's worth

Left Panel: "Provide your book info below:"

1. Book Category Dropdown

- Label: "Select your books category:"
- Category option: Natural Science, Computer, Math, English Language Books, and Other Books (such as Novels, Sci-Fi, Arts, etc.)

2. Condition Dropdown:

- Label: "Select the condition"
- Options:
    - Used like new
    - Moderately used
    - Heavily used

3. Original Book Price Input Field:

- Label: Enter the original book price"
- Placeholder: "$$$"

Right Panel: "Your book is worth:"

1. Display Panel for Calculated Value:

    ● Placeholder with dollar symbols ("$$$")

2. List Button:

    ● Text: "List your book"

When a user accesses the seller's page, they will be prompted to begin by choosing the right book category from a dropdown menu. The menu will include predefined categories like Natural Science Books, Computer Books, Math Books, English Language Books, and Other Books (such as Novels, Sci-Fi, Arts, etc.). After that, sellers will be asked to indicate the condition of the book. They can choose from options such as Used Like New, Moderately Used, and Heavily Used. The sellers will then input the original price of the book. The system will use the information provided to calculate a buying price for potential buyers. This will consider the book's category, condition, and original price. The calculated price will be displayed to the seller for their review. After the seller is happy with the details, they can finish listing their book by clicking the "List My Book" button. This will make the book available for purchase in the system.

Admin's View

Stakeholders' requirements: The Admin's page should have the following -

1. Book System Logo
2. Name of book system: Sun Devil Book System
3. Search box to search for a specific buyer or seller
4. Logout button
5. Search button next to the search box.
6. There is a table that displays the buyer's or seller's information
7. There is an add, remove, and edit button next to the buyer's or seller's information
8. Has a table that displays books available to sell
9. Has a table that displays sales records
10. Has a table that displays buying records
11. Next to each table there is an edit button

When the admin accesses the book system page, they will be prompted to enter their user id and password to log in. After authentication they will see their admin view page. At the top of the page there will be a book system logo, the name of the system, and a logout button. Below that there will be a search box to search for a specific buyer or seller to edit. Next to the search box will be a search button to process the search. There will be a table below that will display buyer's or seller's information.

There is an add, remove, and edit button next to the buyer's or seller's information.

- Add will add a new seller or buyer
- Remove will delete the seller or buyer
- Edit will edit the seller or buyer's information

The admin's view page also has three tables:

- A table that displays books available to sell
- A table that displays sales records
- A table that displays buying record

Each table has an edit button to edit records.

Admin can log out by clicking on the logout button at the top of the page.

Buyer's View

Stakeholders' Requirements:

The Buyer's page for the "Sun Devil Bookstore" should provide a simple and efficient interface for students to browse, select, and purchase books. Below is a detailed breakdown based on the structure from the Seller's page:

Title: "Sun Devil Bookstore"

Book System Logo

Greeting Text: "Welcome Buyers!!"

Log Off Button: Located at the bottom right corner

Main Sections:

Left Panel: For Browsing and Selecting Books

1. **Book Category Dropdown**
   - **Label**: "Select your book category:"
   - **Category Options**:
     - Natural Science Books

- Computer Books
- Math Books
- English Language Books
- Other Books (e.g., Novels, Sci-Fi, Arts, etc.)

2. **Condition Dropdown**
   - **Label**: "Select the condition"
   - **Options**:
     - Used Like New
     - Moderately Used
     - Heavily Used
3. **Quantity Display**
   - **Label**: "Available Quantity"
   - **Displays**: The number of books available in the selected category and condition.

Right Panel: For Viewing and Purchasing Books

1. **Book List Display**
   - **Shows**: A list of books filtered by the selected category and condition, along with their details (e.g., title, author, and price).
2. **Purchase Button**
   - **Label**: "Purchase Book"
   - **Action**: Once a book is selected from the list, clicking this button allows the buyer to proceed with the purchase.

Buying Process:

1. **Select Category**: The buyer selects the desired book category from the dropdown in the Left Panel.
2. **Choose Condition**: The buyer selects the condition of the books they wish to view (Used Like New, Moderately Used, Heavily Used).
3. **View Books**: The system displays all books that match the selected category and condition, along with their quantity and price.
4. **Select and Purchase**: The buyer selects a book and clicks the "Purchase Book" button in the Right Panel to complete the transaction.

GUI Walkthrough

Seller's Page