

Book Shop System

In the ever-evolving landscape of retail, the imperative for efficient business processes is particularly pronounced. This report encapsulates the conceptualization, development, and application of the “Books Shop System,” an innovative solution meticulously designed to optimize the complex task of selling books to bookstores.

We extend our gratitude for the opportunity to present this report and invite readers to delve into the intricacies of the Books Shop System—an embodiment of the intersection between cutting-edge technology and the timeless realm of literature.

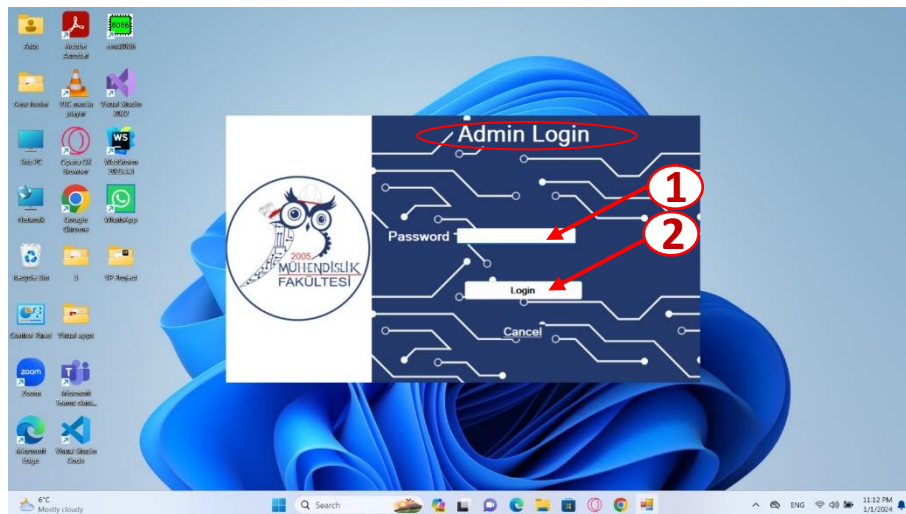
Students names and numbers :

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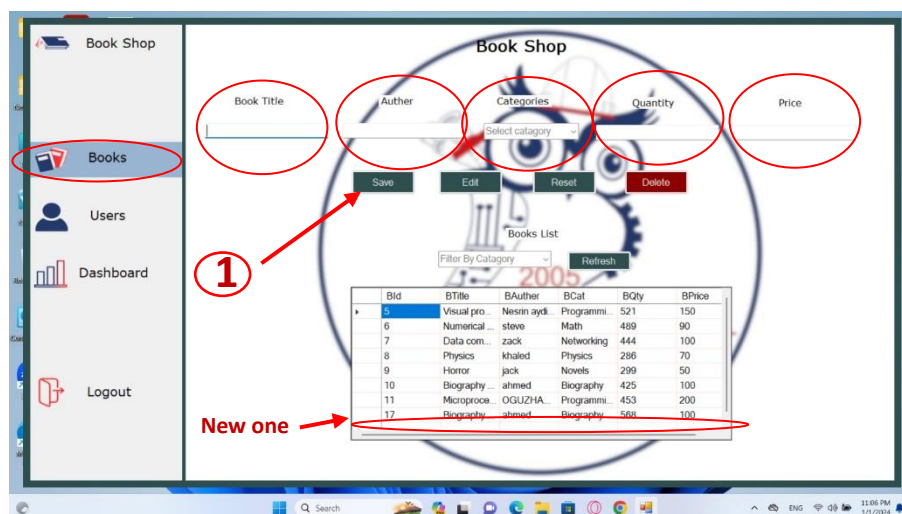
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The project proposal emanated from one of the team members, delineating the creation of a sophisticated system designed for the purpose of facilitating book sales within a bookstore setting.

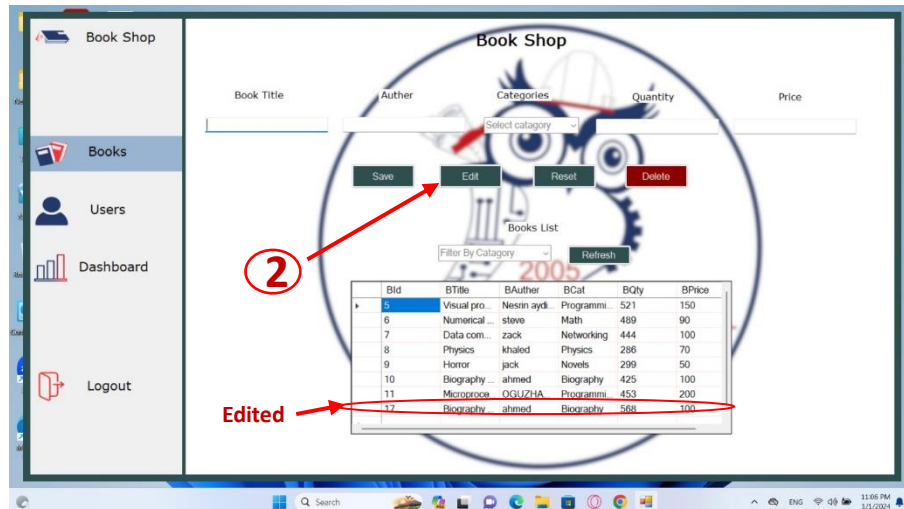
System Definition: This intricate system is devised to grant administrative access, requiring the input of a specific username and password combination through a secure login portal. Upon successful authentication, the administrator gains access to a comprehensive Books page.



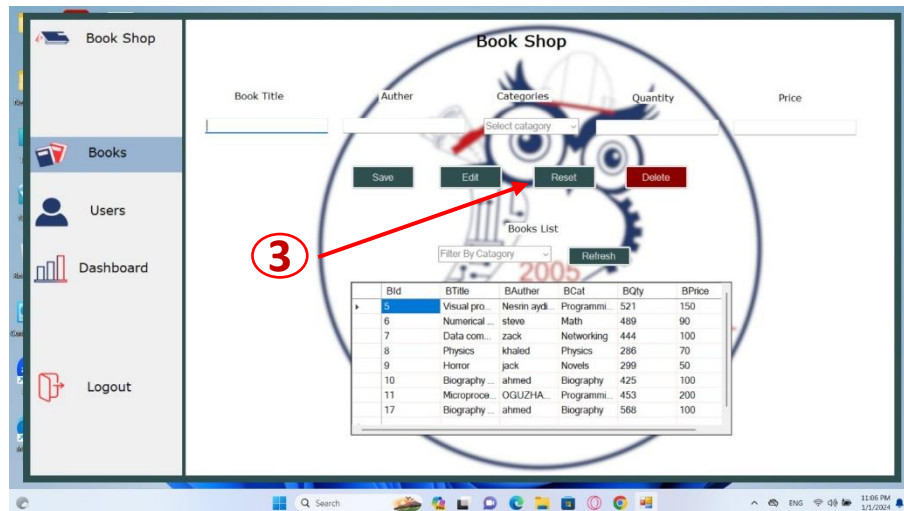
On this page, the administrator can seamlessly incorporate new books into the system by populating requisite fields, including Book Title, Author, Categories, Quantity, and Price. Following this data entry, the administrator simply activates the Save button, triggering an automatic update of the book inventory. The newly added book is instantaneously reflected in the system.



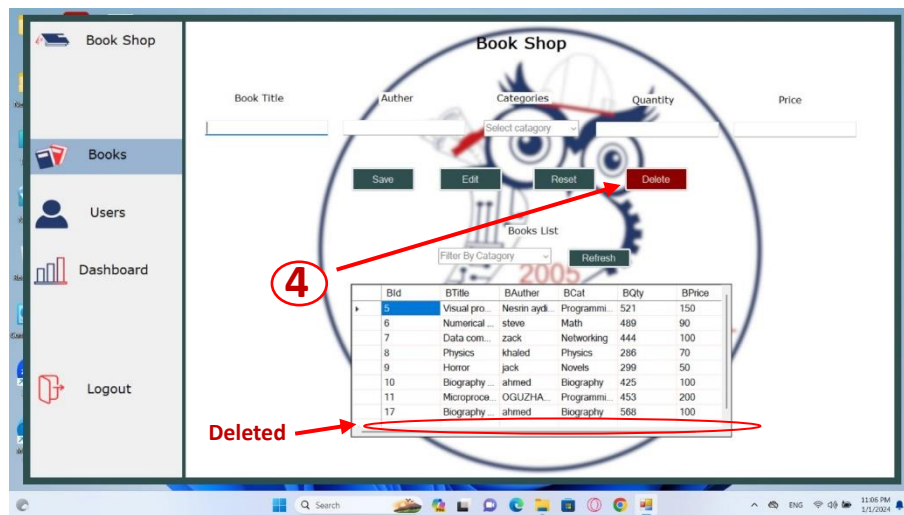
For book modifications, the administrator may select a book from the list, proceed to edit the desired fields, and subsequently confirm the changes by clicking the edit button. This results in an immediate adjustment of the corresponding data in the system.



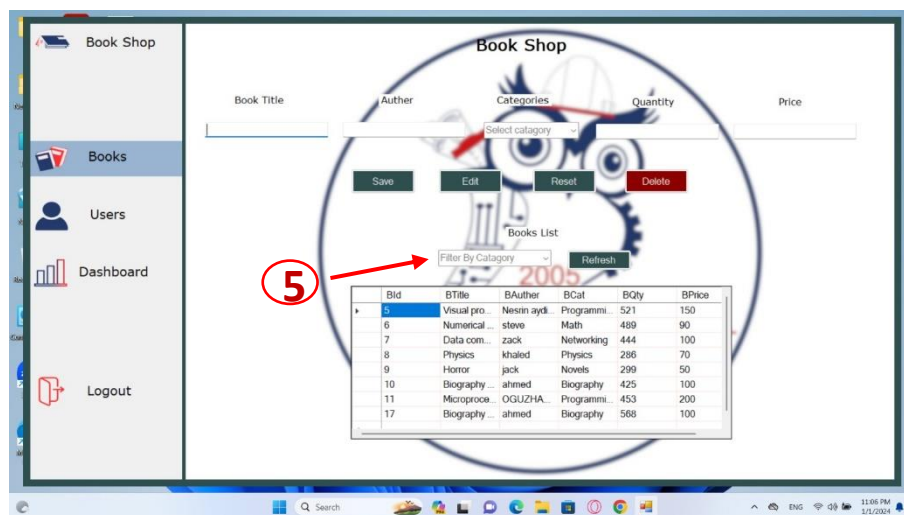
The Reset button serves the purpose of erasing all entered data within the fields without altering the database. It provides a convenient means of starting afresh without any lasting impact on the stored information.



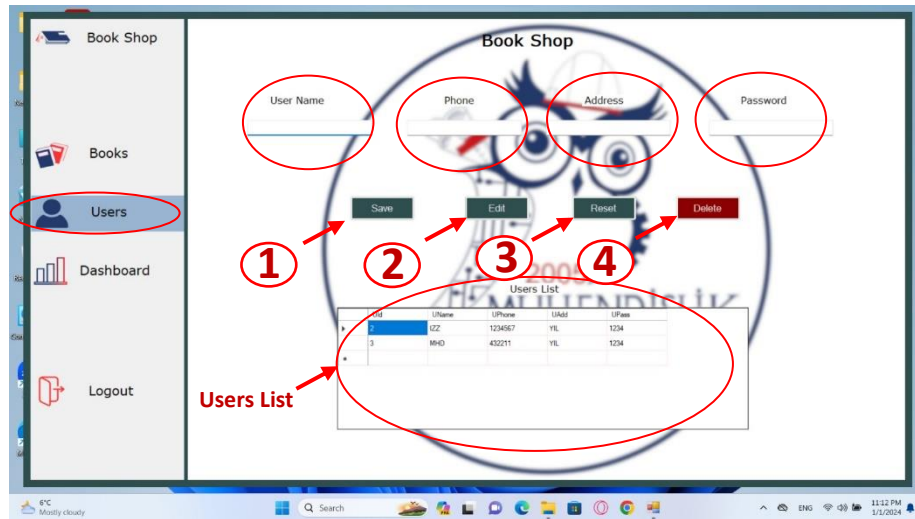
To remove a book from the system, the administrator can select the target book from the list and execute the delete command. Regrettably, this action results in the immediate removal of the selected book from the database.



Additionally, the system offers a filtering feature, allowing for the categorization of books using a designated criterion termed "Filter Category." This functionality enhances the efficiency of book management within the system



Within the Users page, the administrator has the ability to add, modify and delete users within the system by entering the necessary fields (User Name / Phone / Address / Password). These actions trigger instant updates, ensuring that any modifications made are directly reflected in the user list, thus maintaining the accuracy and consistency of user information.



The dashboard page serves as a comprehensive overview, providing essential metrics for effective system management. It includes:

1. Total Inventory Count:

- **Displaying the total number of complete books available in the store, offering an immediate snapshot of the current stock.**

2. Total Sales in Turkish Lira:

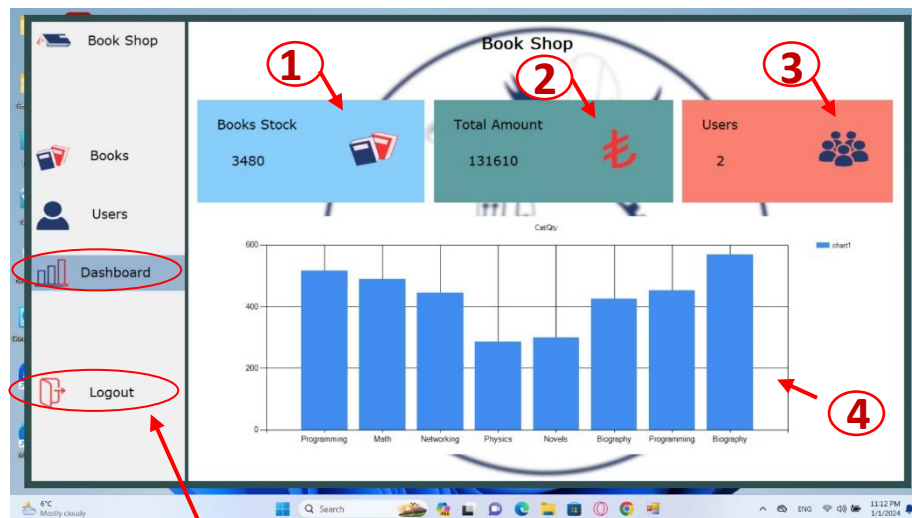
- **Showcasing the cumulative sales figure in Turkish lira, providing a financial perspective on the system's performance.**

3. Number of Users:

- **Presenting the total count of users within the system, enabling administrators to monitor and manage user engagement.**

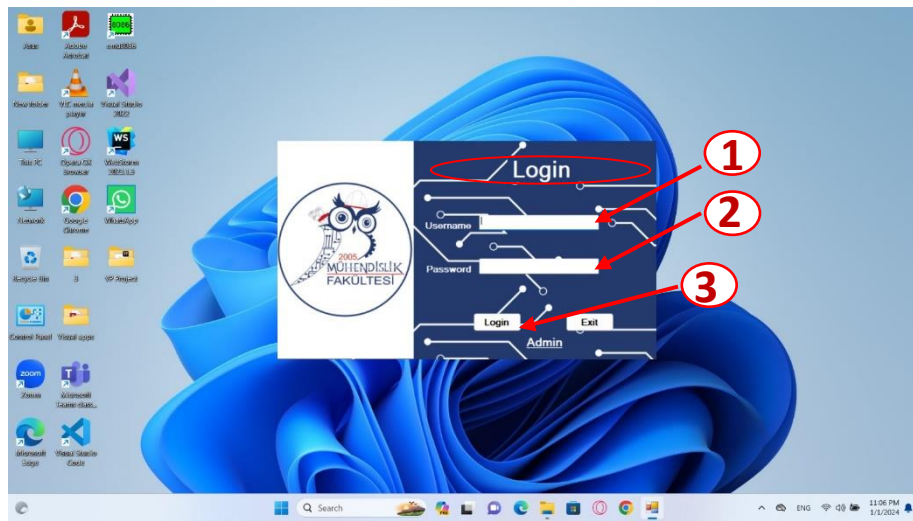
4. Category-wise Book Distribution Graph:

- **Featuring a graphical representation of the number of books categorized by each specific genre. This graph offers a visual insight into the distribution of books across different categories, aiding in strategic decision-making and inventory management.**

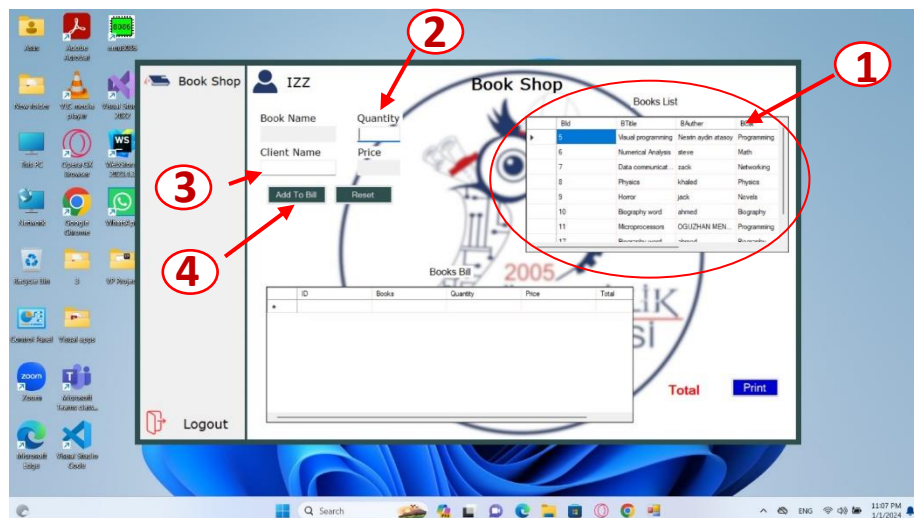


Finally, we will click on the Logout button to exit the admin page and return to the login page

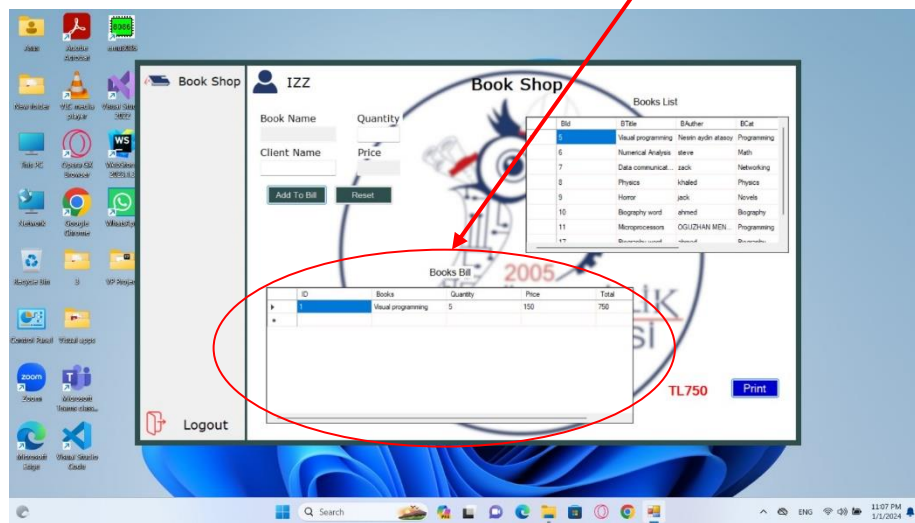
Now on the login page, please enter the username and password given by the admin



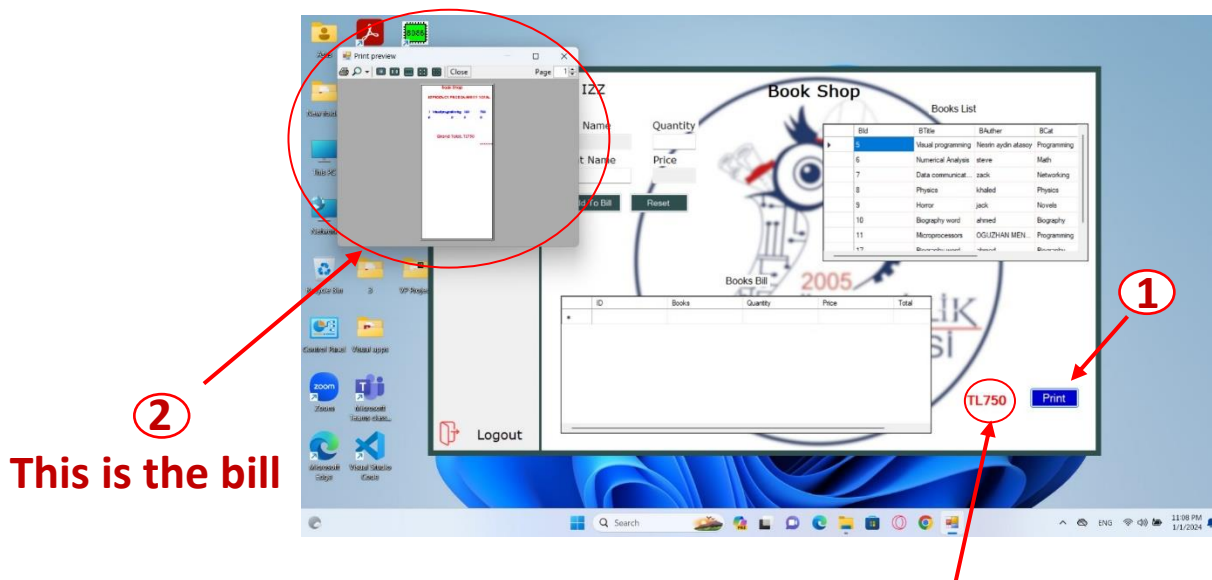
On the User page, the process of purchasing a book involves selecting a book from the presented list of available books. Following the selection, the user is prompted to input the desired quantity of the chosen book and provide the customer's name. Upon completing these fields, the user finalizes the transaction by clicking the "Add to Bill" button.



This action initiates the inclusion of the selected book, quantity, and customer information into the invoice, facilitating a streamlined and organized record of the transaction. The entry appears in the books bill field



Adjacent to the screen, the total price of the selected books is prominently displayed in Turkish lira. To conclude the purchase process, the user is required to click on the "Print" button. This action prompts the system to generate and print an invoice containing detailed information, including the quantity of books, their respective names, and associated prices. This printed document serves as a comprehensive record of the transaction, offering a tangible reference for both the customer and the system's records.



Total in TL

**This was a complete explanation of the program
“Book Shop System” that was designed and
written by our group, which includes the
following students:**

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**The provided explanation is clear and
comprehensive. Should there be any further
inquiries or the need for additional details, please
do not hesitate to reach out. Feel free to contact us
to address any questions you may have
thoroughly. Thank you very much for your
attention and cooperation.**