

# BBM 473

## PHASE 4 – REPORT

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### Introduction

In this phase, we are expected to create a web site that achieves all the necessary functionalities. It a final show of the project. I used Java Server Pages (JSP) and Java Servlet binaries with Apache Tomcat Server service for this project.

### Navbar

There are navbars for accessing pages that are accessible according to status of user. There are three navbars. You can see them below.



Figure 1 – Nonuser Navbar



Figure 2 – Customer Navbar



Figure 3 – Admin Navbar

### User Login Screen

I create a login screen for registered users. You can see the view of this page below.

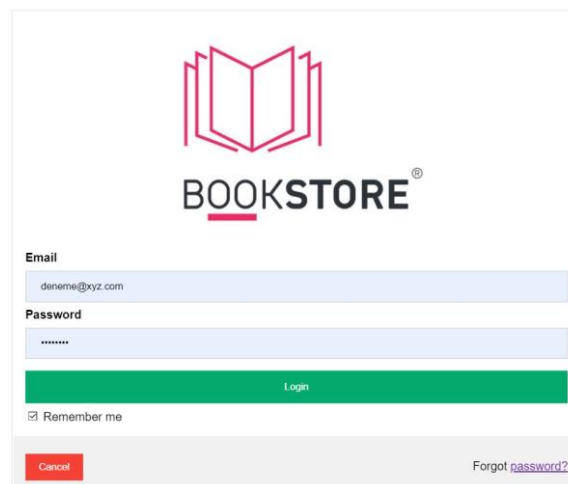


Figure 4 – Login Screen

I used an authentication system for limiting access to restricted pages. There are two types of users. One of them is customer and other one is admin. Both can access their interfaces from same login screen.

## User Register Screen

There is a register screen for customers that are not a user. They can register with their personal information in this screen. You can see the interface below.

Email

admin@admin

Password

\*\*\*\*\*

Full Name

Full Name

Phone Number

Phone Number

Address

Address

Register

Figure 5 – Register Screen

## Customer Homepage

After login process for customers, this screen welcomes the user. In this screen, customers can see available books for sale.

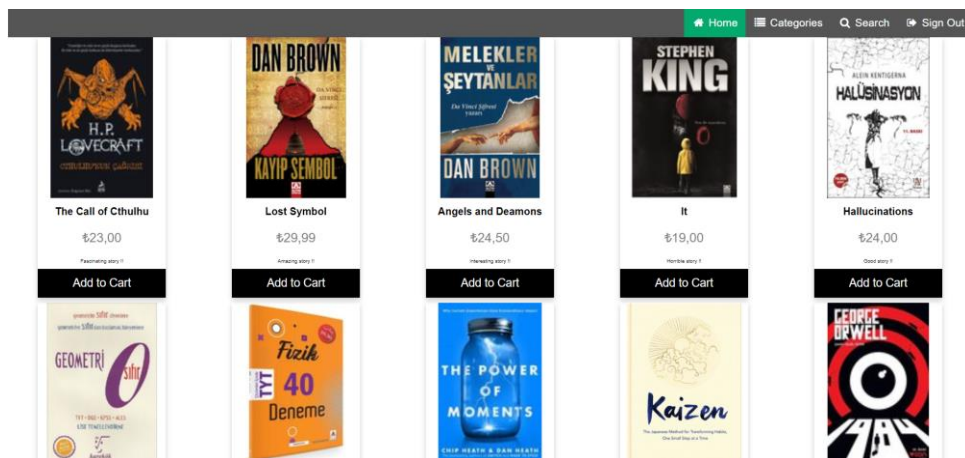


Figure 6 – Customer Homepage

## Customer Categories Page

In this page, customers can see the category list of books. They can choose one of them by clicking on them. You can see the screen below.

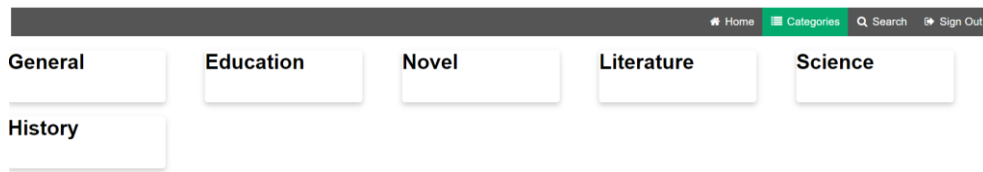


Figure 7 – Categories Page

After the selection, the subcategories will be listed that are subcategories of selected category. You can see this second page below.



Figure 8 – Subcategories Page

After a final selection, the books will be listed that are members of the selected subcategory. You can see the final image below.

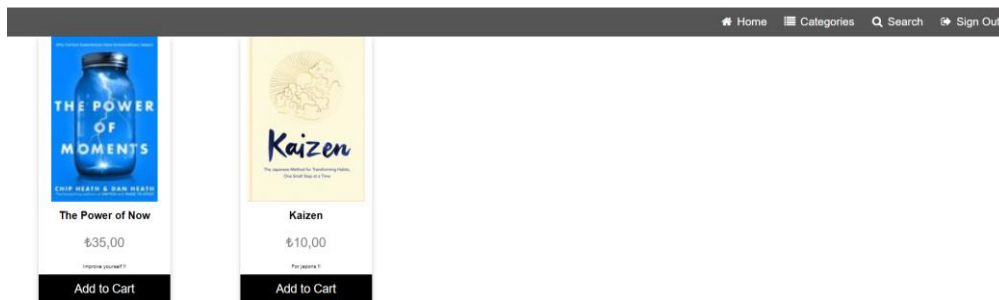


Figure 9 – Result Page

## Customer Search Page

This this page any customer can search a book with a text. After clicking search button related books will be listed on the page. You can see an example below.



Figure 10 – Search Page

## Sign Out Button

There is a sign out button in both customer and admin interfaces. This button deletes the current user status. This provides a security for unexpected accesses.

## Admin Homepage

After login process for admin, this screen welcomes the user. In this screen, admin can see books in the database.

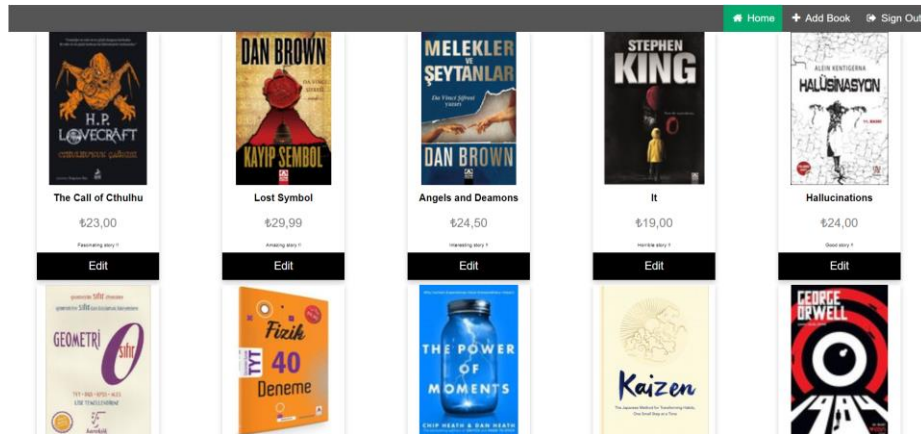


Figure 11 – Admin Homepage

## Admin Add Book Page

In this page, admin can add new books to the database. General view of the page can be found below.

The screenshot shows the Admin Add Book Page interface. At the top, there is a navigation bar with a home icon, a green 'Add Book' button, and a 'Sign Out' button. Below the navigation bar, there is a form to add a new book. The form contains the following fields: Title, Author, Isbn, Publisher Name, Subjects, Publish Year, Price, Amount, and Image. The Image field has a dropdown menu with options 'Dosya Seç' and 'Dosya seçilmedi'. The Subcategory field has a dropdown menu with the option 'General'. At the bottom of the form, there is a green 'Add' button.

Figure 11 – Add Book Page

Input areas are customized for every data type. No unexpected entries allowed. In image part, you can select an image from your computer. This image will be uploaded to the server to access after.

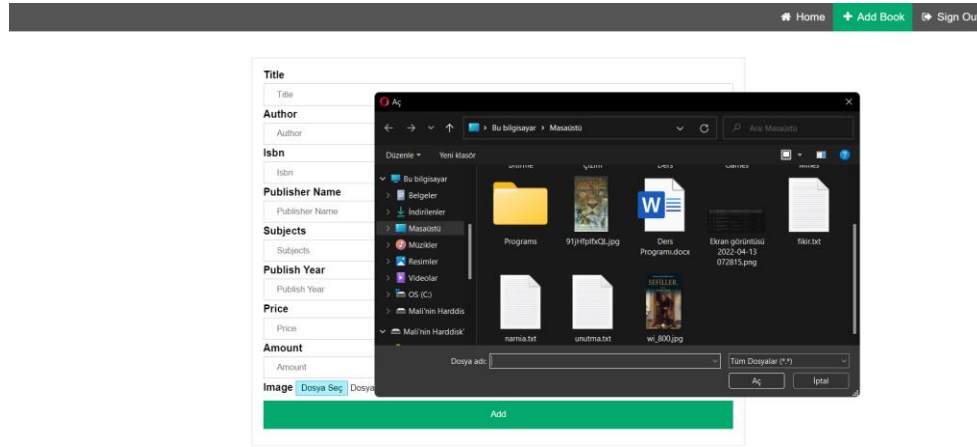


Figure 12 – Select Image Example

In subcategory selection, admin can choose one of the subcategories in the database. All necessary connections will be handled in the database.

<b>Title</b>	<input type="text"/>
<b>Author</b>	<input type="text"/>
<b>Isbn</b>	<input type="text"/>
<b>Publisher Name</b>	<input type="text"/>
<b>Subjects</b>	<input type="text"/>
<b>Publish Year</b>	<input type="text"/>
<b>Price</b>	<input type="text"/>
<b>Amount</b>	<input type="text"/>
<b>Image</b>	<input type="button" value="Dosya Seç"/> Dosya seçilmedi
<b>Subcategory</b>	<div><div>General</div><div>High School</div><div>Self Development</div><div>Horror</div><div>Adventure</div><div>English Literary</div><div>Russian Literary</div><div>Engineering</div><div>Astronomy</div><div>Biology</div><div>World History</div><div>Ottoman history</div><div>General</div></div>
<input type="button" value="Add"/>	

Figure 13 – Select Subcategory Example