

# Dynamic web programming homework report

## 1. Name, Student id, HW#

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## 2.

### 2.1 Project brief description

An e-commerce website for selling books. There are two types of users, admin and customers. Customer functions are as follows:

- Customer can register and login to the website.
- Customer can update his/her profile.
- Customer can log out of website.
- Customer can see all of the books in the home page.
- Customer can filter books based on categories.
- Customer can add book to the cart.
- Customer can increase and decrease quantity of books in the cart and can see the calculated subtotal and total.
- Customer can delete a book from cart.
- Customer can fill billing-address and payment information.

Admin can do the following functions in addition to all functions that a customer can do:

- Admin can search books based on their id or name.
- Admin can add, edit and delete books.
- Admin can search users based on their email-address.
- Admin can add, edit and delete a user.
- Admin can activate or block a user.
- Admin can create new user as customer or an admin.

### 2.2 List of framework, libraries and templates used.

- 1) Font-awesome is used for adding icons. Link below:  
<https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css>
- 2) Registration, login and cart templates are used from W3schools.com website and modified based on requirements. Link below:  
[https://www.w3schools.com/howto/howto\\_css\\_login\\_form.asp](https://www.w3schools.com/howto/howto_css_login_form.asp)
- 3) **Jquery and Chosen** are used for user-friendly autocomplete search in product and user management pages. Link below:  
<https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js>  
<https://cdnjs.cloudflare.com/ajax/libs/chosen/1.8.7/chosen.jquery.min.js>  
<https://cdnjs.cloudflare.com/ajax/libs/chosen/1.8.7/chosen.min.css>

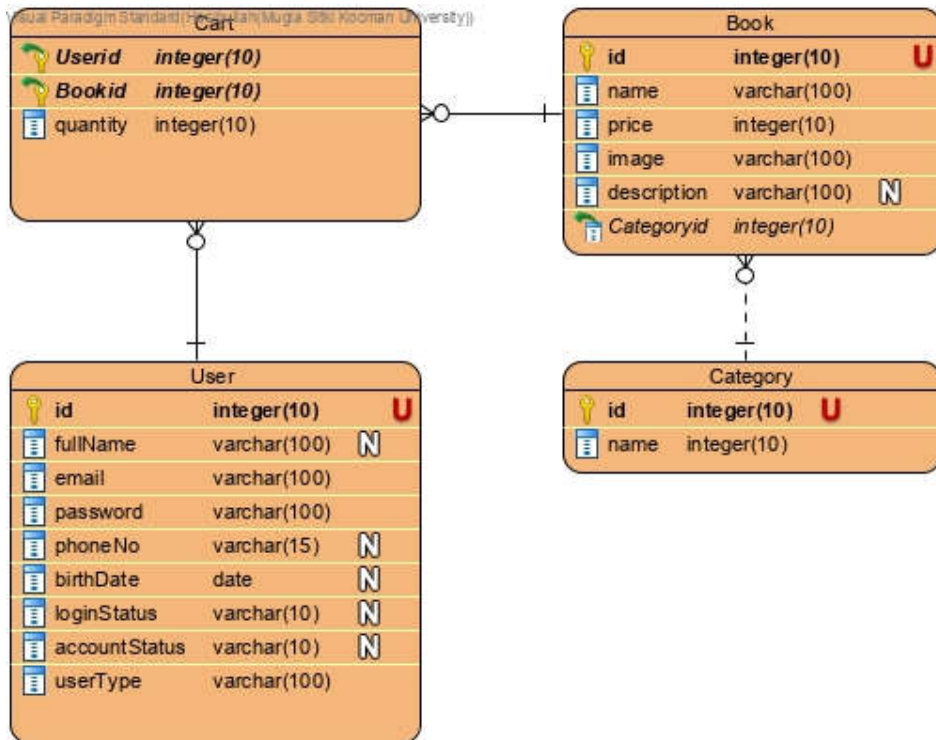
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Learned from YouTube. Link below:

<https://www.youtube.com/watch?v=d-gAPYRLMeI>

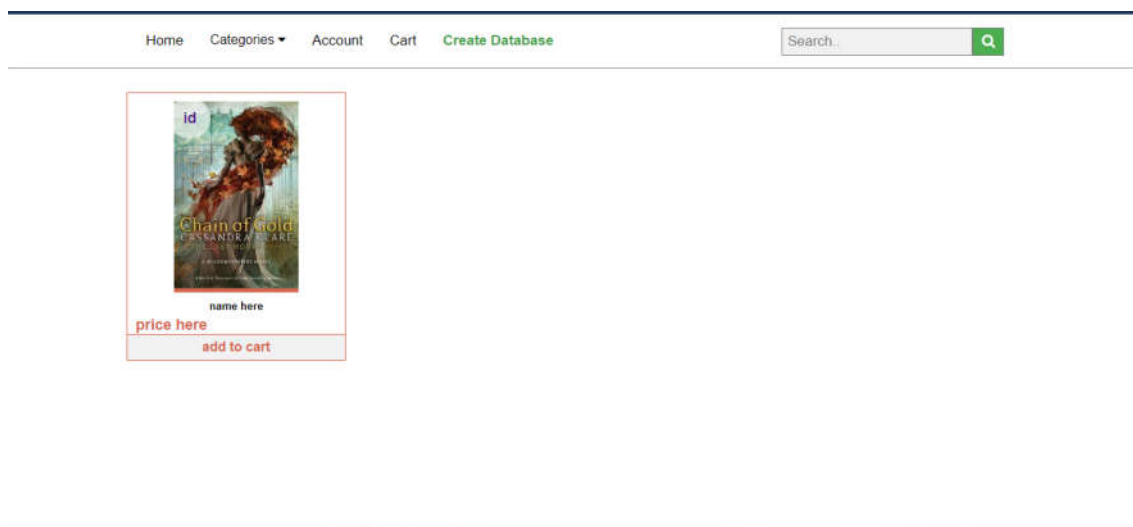
- 4) PHP and JavaScript codes are studied, used and manipulated based on website requirements from w3schools.com.

## 3. Database ER Diagram



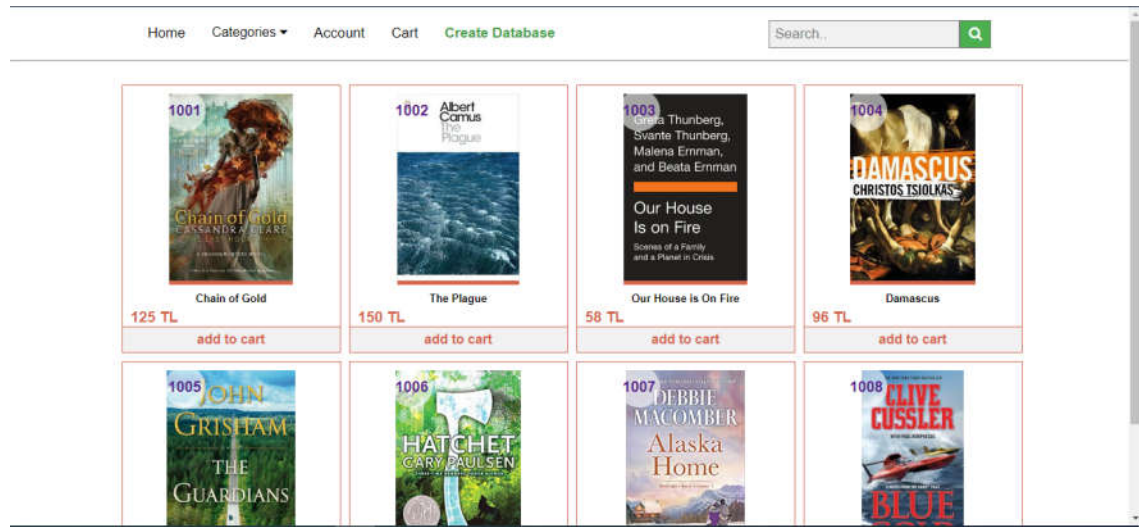
## 4. Website screenshot and descriptions

- i. Main page of the website before the database is created.

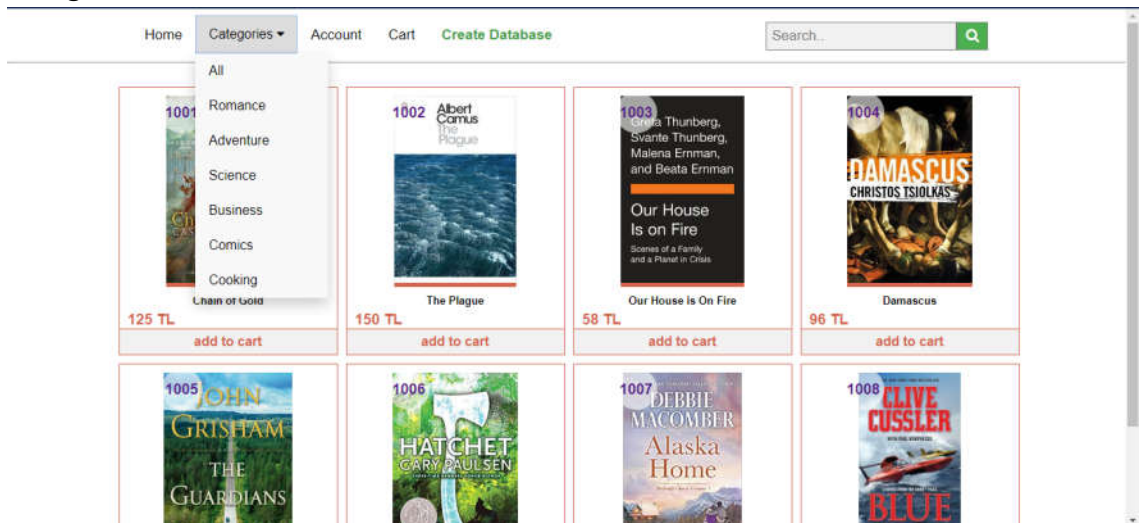


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- ii. By clicking on create-database button the database is created, some data are imported to the database and shown as follows:

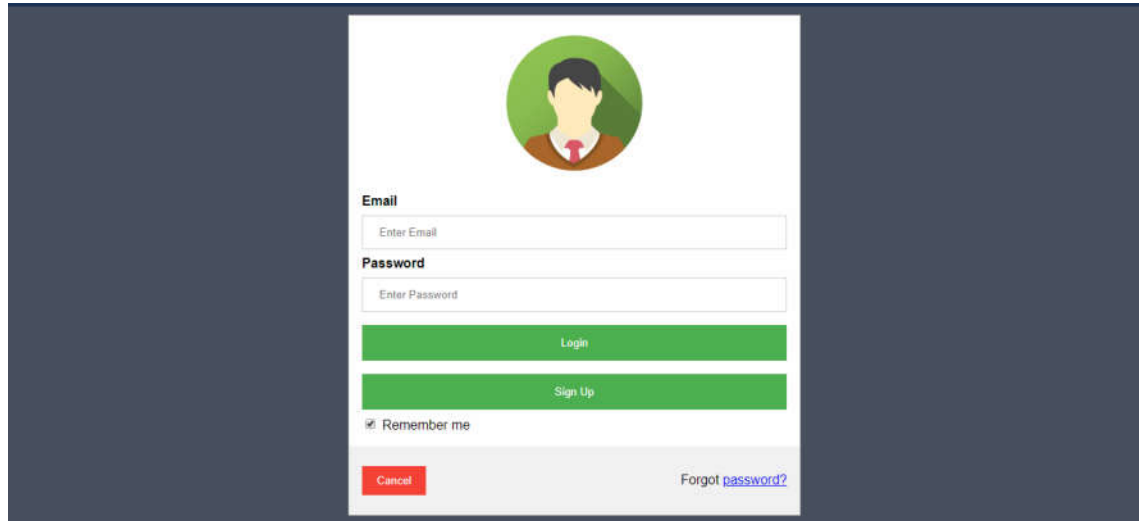


- iii. Users can filter books based on their categories from navigation-bar Categories button as shown below:



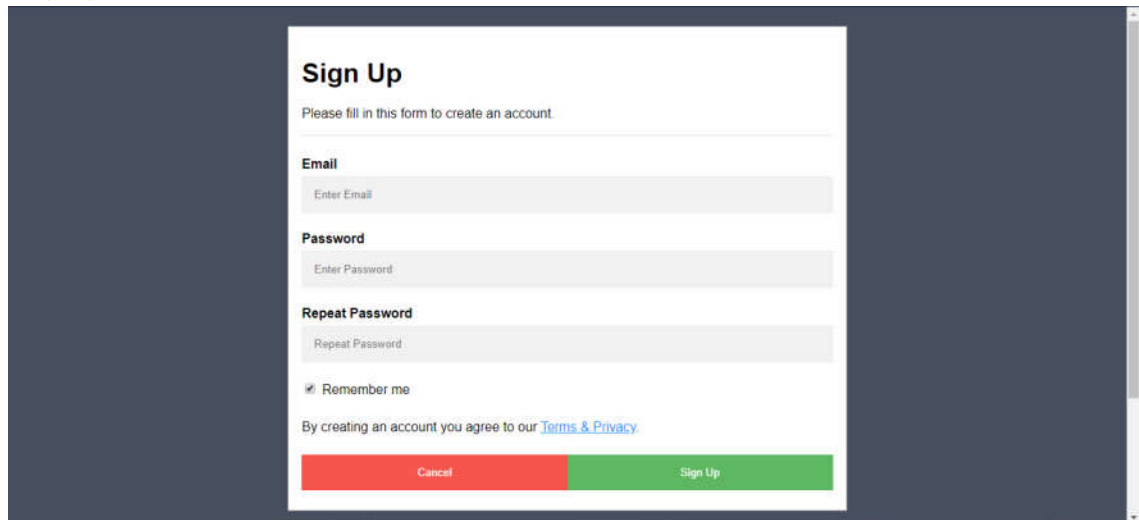
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- iv. By clicking the account button on the navigation-bar, users can login to the website as shown below:



The login form is centered on a dark blue background. It features a circular profile icon at the top. Below the icon are two input fields: 'Email' and 'Password', each with a placeholder text 'Enter Email' and 'Enter Password' respectively. There are two green buttons: 'Login' and 'Sign Up'. A checkbox labeled 'Remember me' is checked. At the bottom left is a red 'Cancel' button, and at the bottom right is a link 'Forgot password?'.

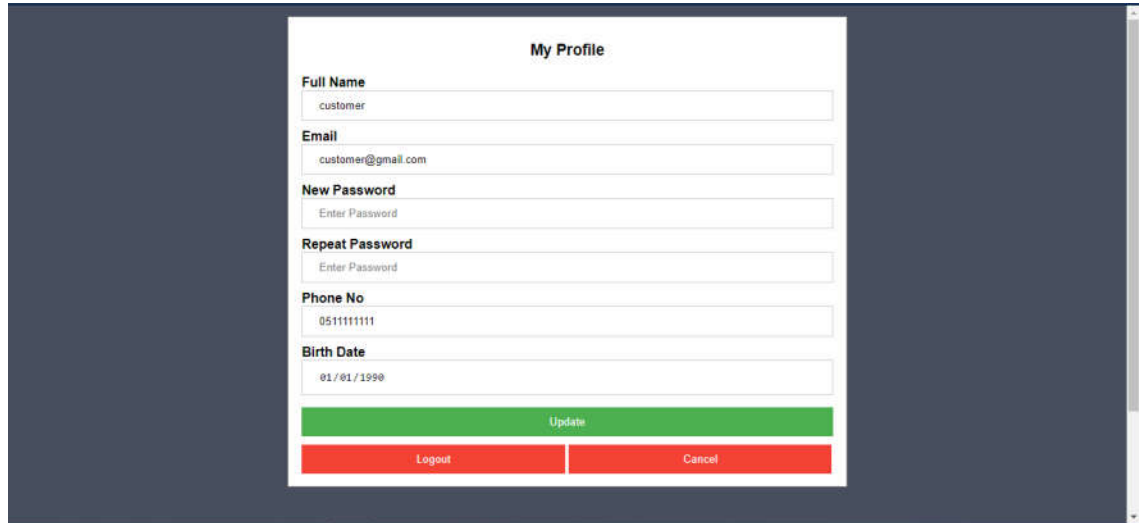
- v. If the user doesn't have any email and password in this website, he/she can register his/herself by clicking signup button, the following page will be displayed:



The sign up form is titled 'Sign Up' and includes the instruction 'Please fill in this form to create an account.' It has three input fields: 'Email', 'Password', and 'Repeat Password', each with a placeholder text 'Enter Email', 'Enter Password', and 'Repeat Password' respectively. There is a checked checkbox labeled 'Remember me'. Below the checkbox is a line of text: 'By creating an account you agree to our [Terms & Privacy](#).' At the bottom are two buttons: a red 'Cancel' button and a green 'Sign Up' button.

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- vi. After the user login to the website, he/she can update his/her profile or logout by the following page:

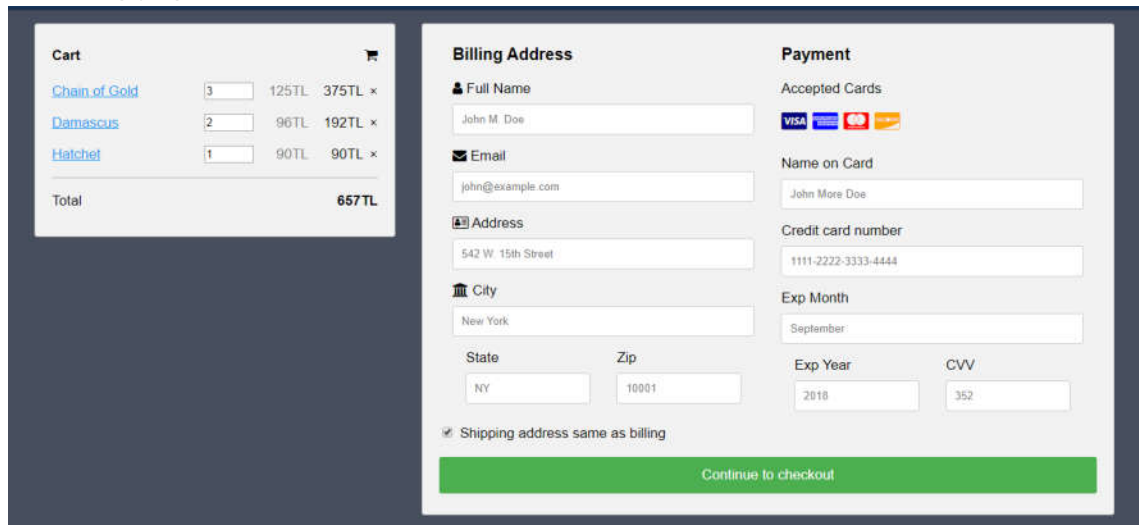


The screenshot shows a 'My Profile' form with the following fields and values:

- Full Name:** customer
- Email:** customer@gmail.com
- New Password:** Enter Password
- Repeat Password:** Enter Password
- Phone No:** 0511111111
- Birth Date:** 01/01/1990

At the bottom of the form are three buttons: a green 'Update' button, and two red buttons labeled 'Logout' and 'Cancel'.

- vii. Users can add books to their carts, increase, decrease quantity of books or delete a book and can see the unit-price, subtotal and general total by the following page:



The screenshot displays a checkout page with three main sections:

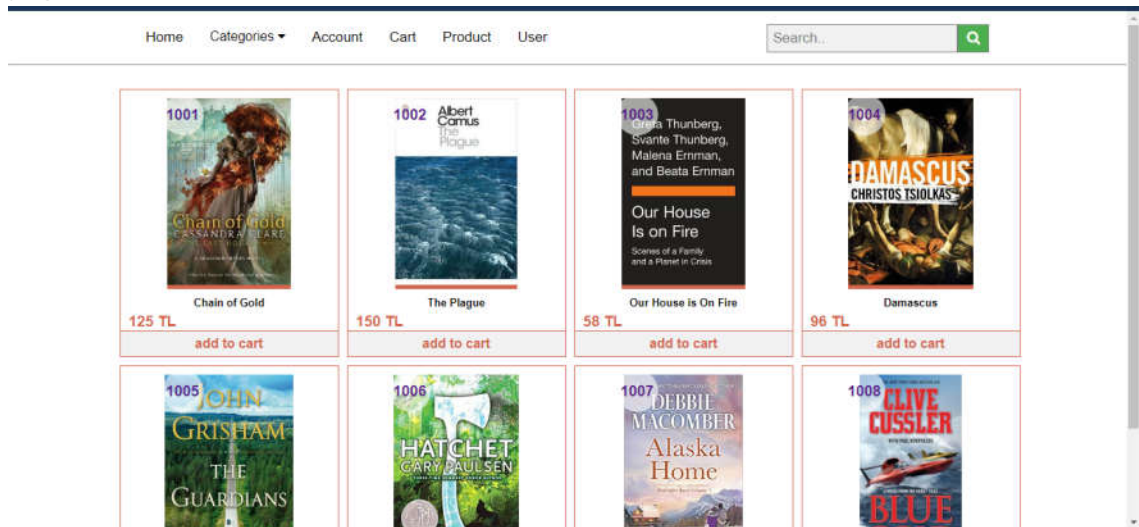
- Cart:** A table listing items in the cart.

Item	Quantity	Unit Price	Subtotal	Action
<a href="#">Chain of Gold</a>	3	125TL	375TL	×
<a href="#">Damascus</a>	2	96TL	192TL	×
<a href="#">Hatchet</a>	1	90TL	90TL	×
<b>Total</b>			<b>657TL</b>	
- Billing Address:** Fields for Full Name (John M. Doe), Email (john@example.com), Address (542 W. 15th Street), City (New York), State (NY), and Zip (10001). A checkbox for 'Shipping address same as billing' is checked.
- Payment:** Fields for Name on Card (John More Doe), Credit card number (1111-2222-3333-4444), Exp Month (September), Exp Year (2018), and CVV (352). Accepted cards (VISA, MasterCard, American Express) are shown at the top.

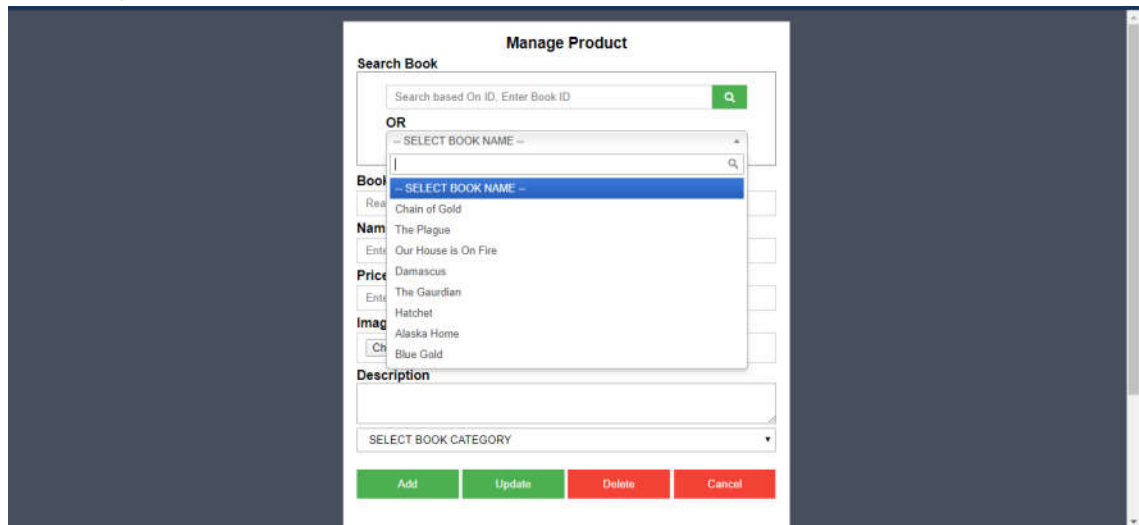
A green 'Continue to checkout' button is located at the bottom right.

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- viii. If the user is admin a new home page will be displayed and two new buttons (Product and User) are added in additional to what we saw in customer home page.

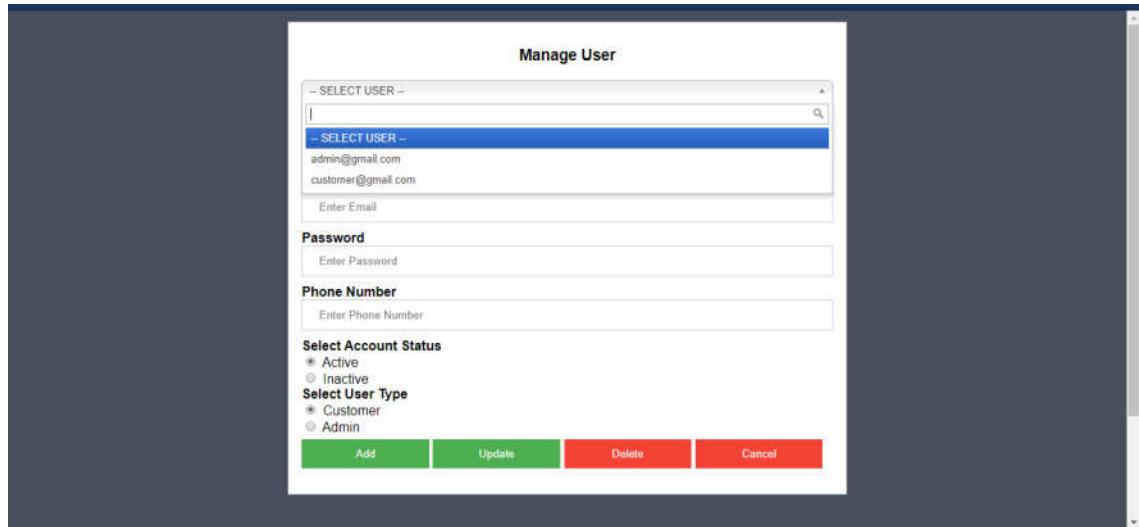


- ix. Admin can search, add, edit or delete books from website database by the following UI:



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- x. And finally the admin can search, add, edit, block or delete users.



The screenshot displays a web application window titled "Manage User". It features a search bar at the top with the placeholder text "-- SELECT USER --" and a magnifying glass icon. Below the search bar, a dropdown menu is open, showing the same placeholder text and two email addresses: "admin@gmail.com" and "customer@gmail.com". The main form area contains several input fields and radio button groups. There is an "Enter Email" field, a "Password" section with an "Enter Password" field, and a "Phone Number" section with an "Enter Phone Number" field. Below these are two radio button groups: "Select Account Status" with options "Active" (selected) and "Inactive", and "Select User Type" with options "Customer" (selected) and "Admin". At the bottom of the form, there are four buttons: "Add" (green), "Update" (green), "Delete" (red), and "Cancel" (red).