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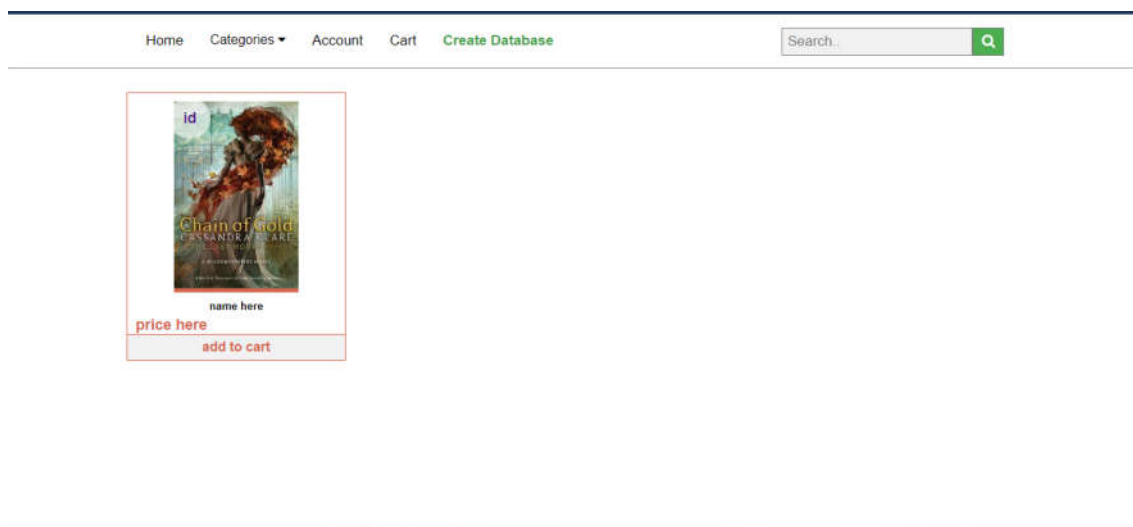https://www.youtube.com/watch?v=d-gAPYRLMeI

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

3. Database ER Diagram
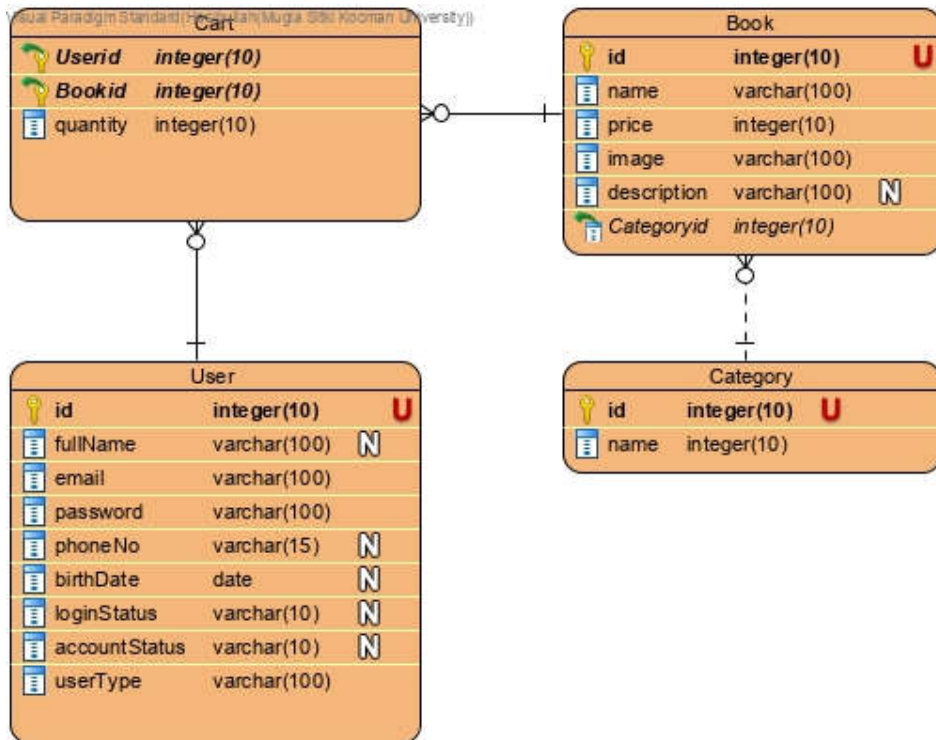
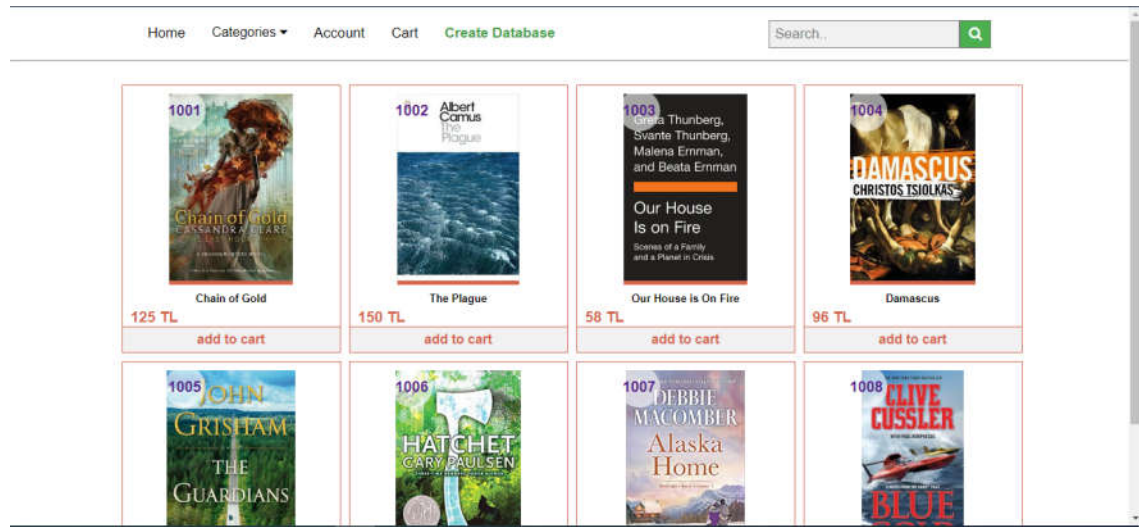## 4. Website screenshot and descriptions

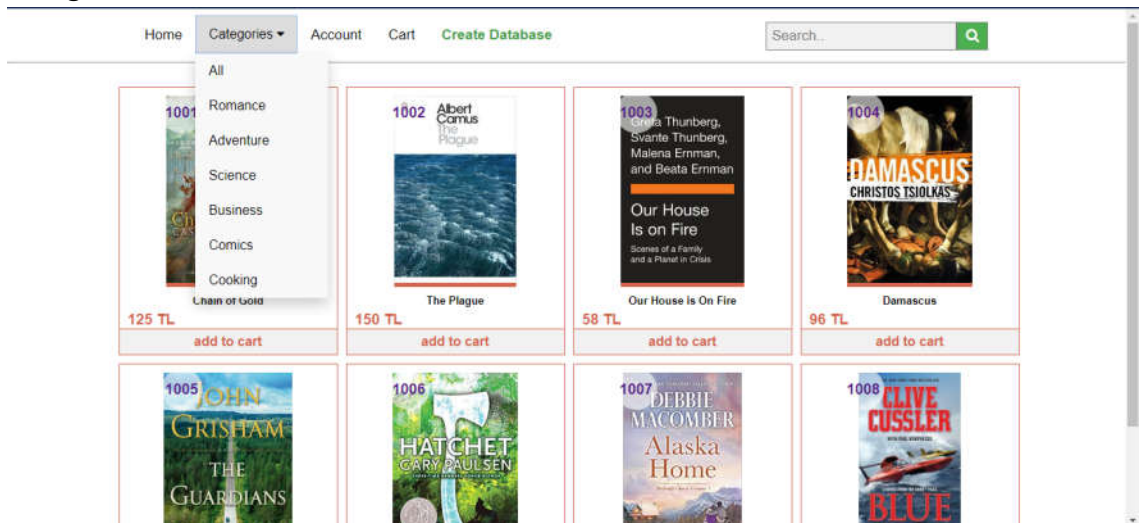i. Main page of the website before the database is created.

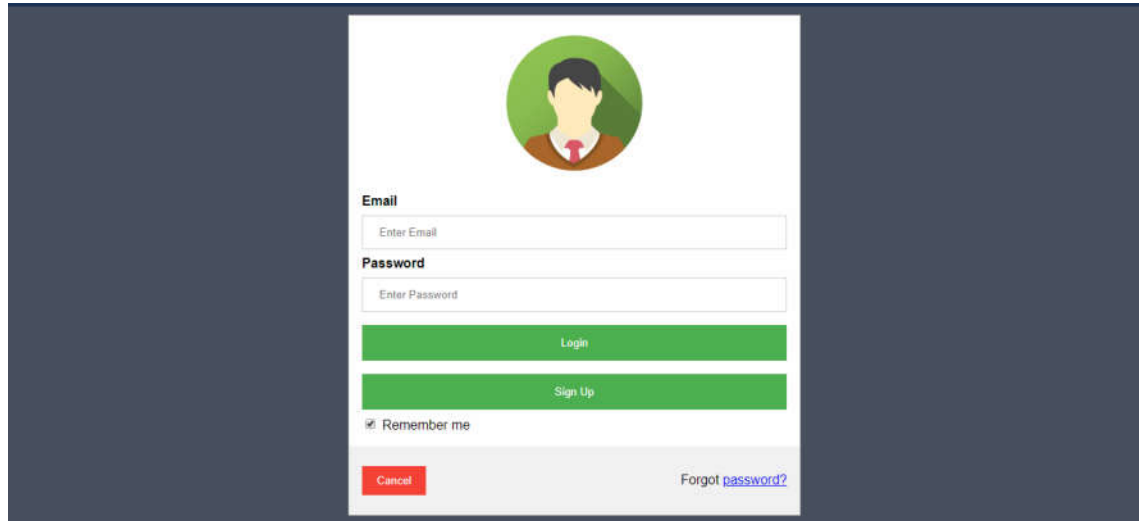ii.   By clicking on create-database button the database is created, some data are imported to the database and shown as follows:

iii. Users can filter books based on their categories from navigation-bar Categories button as shown below:
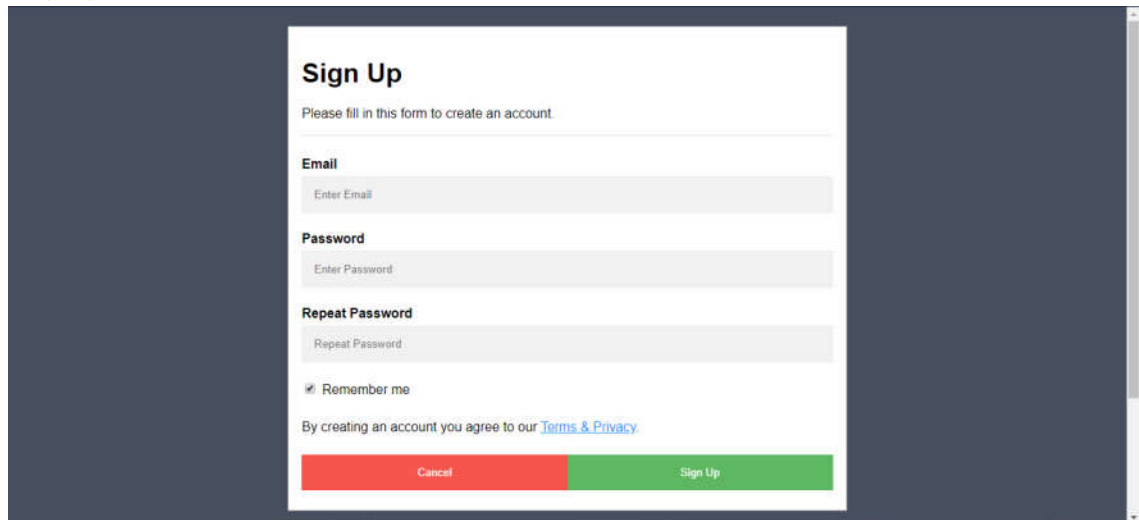
iv.   By clicking the account button on the navigation-bar, users can login to the
       website as shown below:
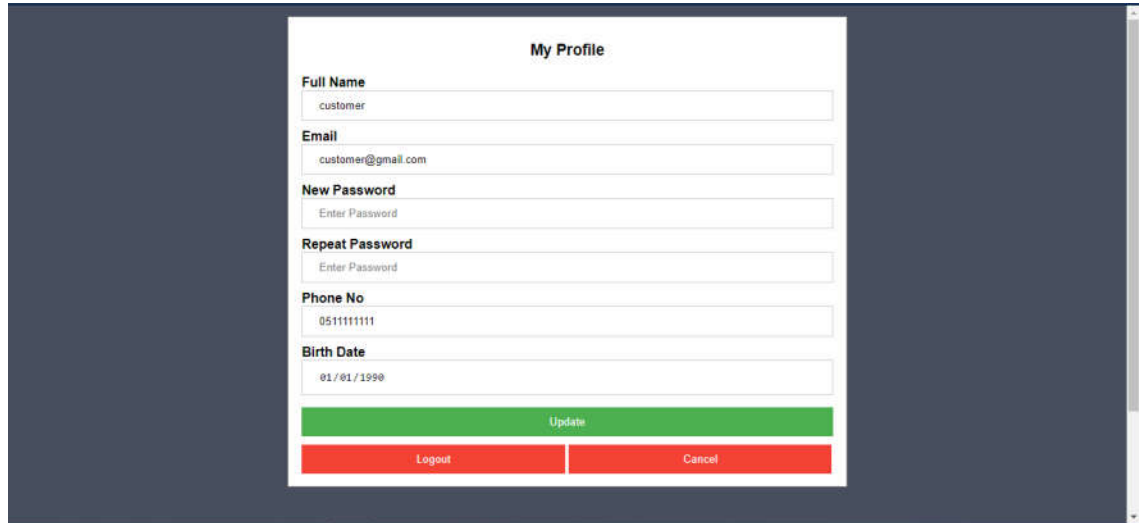
v.   If the user doesn't have any email and password in this website, he/she can
       register his/herself by clicking signup button, the following page will be
       displayed:

vi.   After the user login to the website, he/she can update his/her profile or logout by the following page:
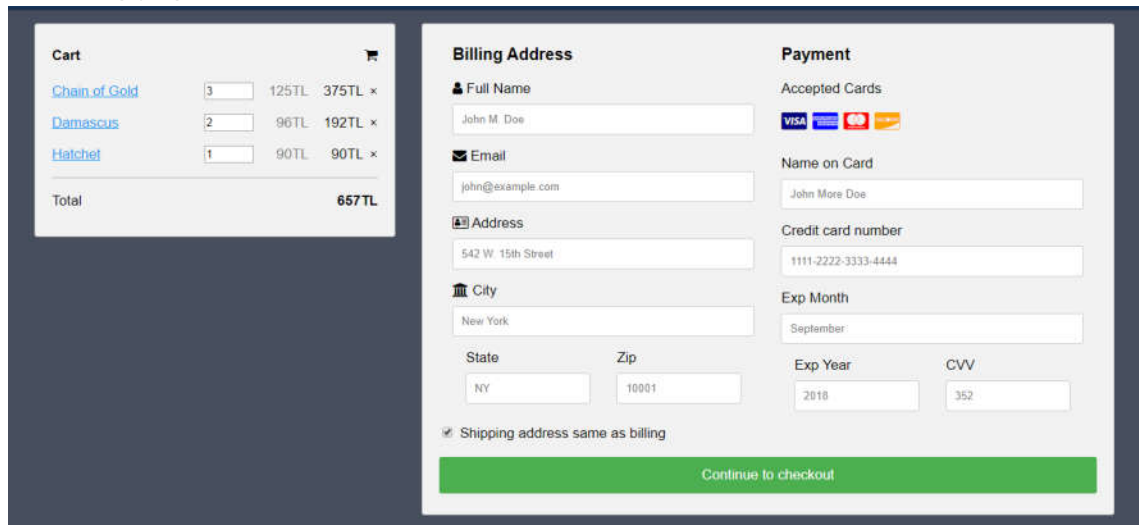
vii.   Users can add books to their carts, increase, decrease quantity of books or delete a book and can see the unit-price, subtotal and general total by the following page:

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.
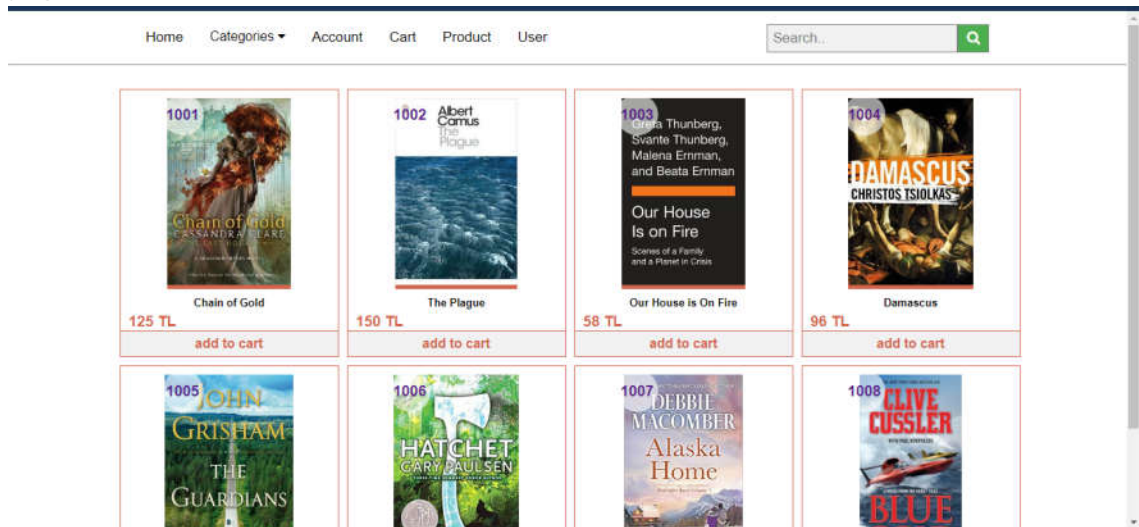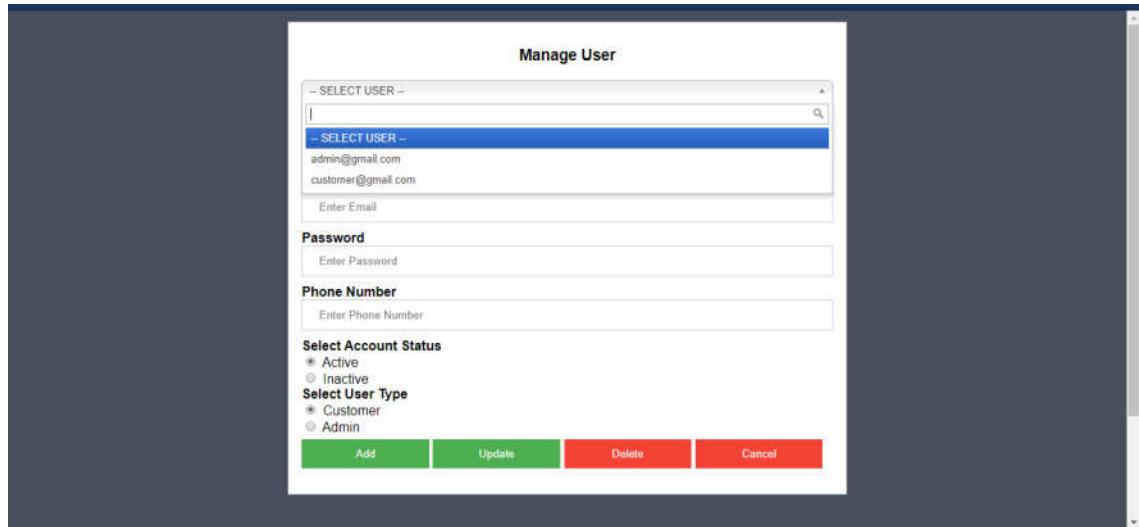

ix. Admin can search, add, edit or delete books from website database by the following UI:
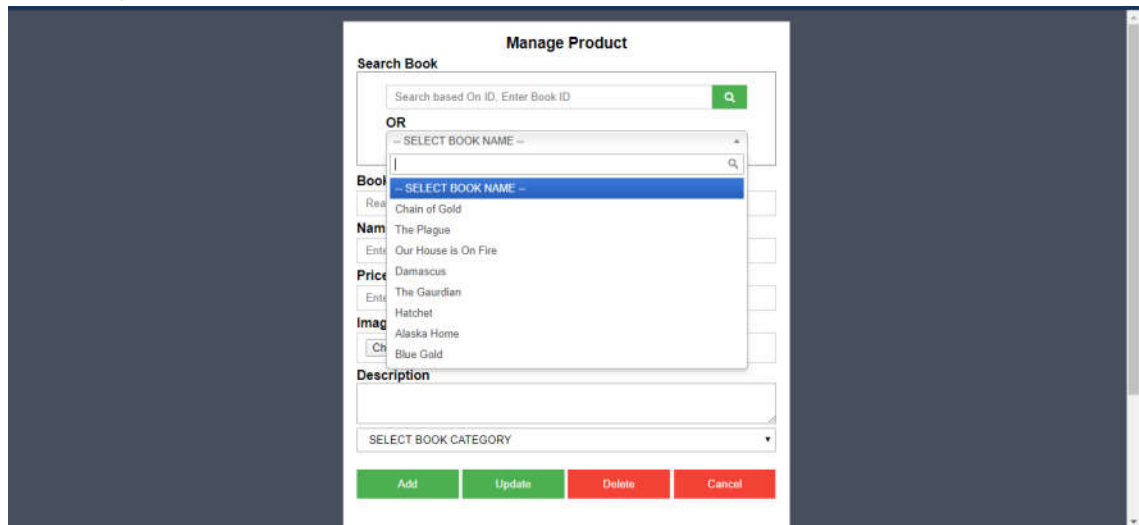
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x.   And finally the admin can search, add, edit, block or delete users.