



REPORT ON ENCHANTED WEB APPLICATION

CSIS 3280

Kritika Bhandari, Jimesh Adhikari

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Team Members:

Kritika Bhandari (300345156)

Jimesh Adhikari (300327631)

We have designed a simple web online shopping application using php.

Features:

1. Registration:

The application allows users to register new users. The registration form contains name, email (which is the username), password, address and phone number. Each user input is validated before writing it to the database. The password is encrypted. Successful registration will write the user into the Users table in the database.

2. Sign In:

Users may sign in into their account through the SignIn Page. The sign in validates the email and the password with the encrypted password in the database. Successful sign in will redirect to the products page.

3. Update Profile

If the user is signed in (if the session has been started), the navigation will display an item with the email. Upon clicking the email, the users will be redirected to the page where they can update their personal information. Users may change their name, address or phone number. Email and password change is not allowed. Each new input is validated. Upon successful validation, the particular entry is updated in the Users table in the database.

4. Browse Products:

The Products table in the database contains 7 pre-defined products with their features and images. The browse products will display those products in a tabular format. The table contains links to view a detailed description of each product. Users may browse products even when they are not logged in.

5. Product Details:

This will display the detailed description of each product. The Product details page has the add to cart option. If the user is not logged in, the add to cart option will direct to the login page. However, if the user is logged in, add to cart will update the table Cart in the database. One limitation of this web application is that same product cannot be added twice in the same cart.

6. View Cart

The view cart will load the cart of the particular user and display it in a tabular format. The summary statistics (Order Total) of the cart is shown in this page.

7. Check Out

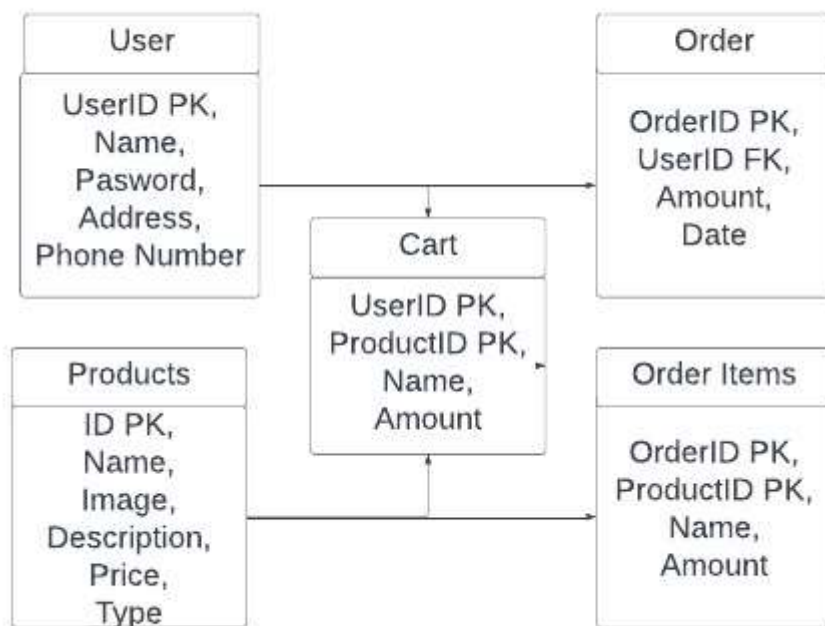
The Cart page has an option to check out. It will update the order and order items table in the database. The other limitation of this database is that same product cannot be ordered twice by the same user (because of primary key constraint violation in database).

8. Sign Out

The sign out will unset the session variables and destroy the session.

Database:

The full sql script is included in the sql folder inside the submission .



User Manual:

1. Register:

First enter the registration page through the navigation. Enter your details and register.

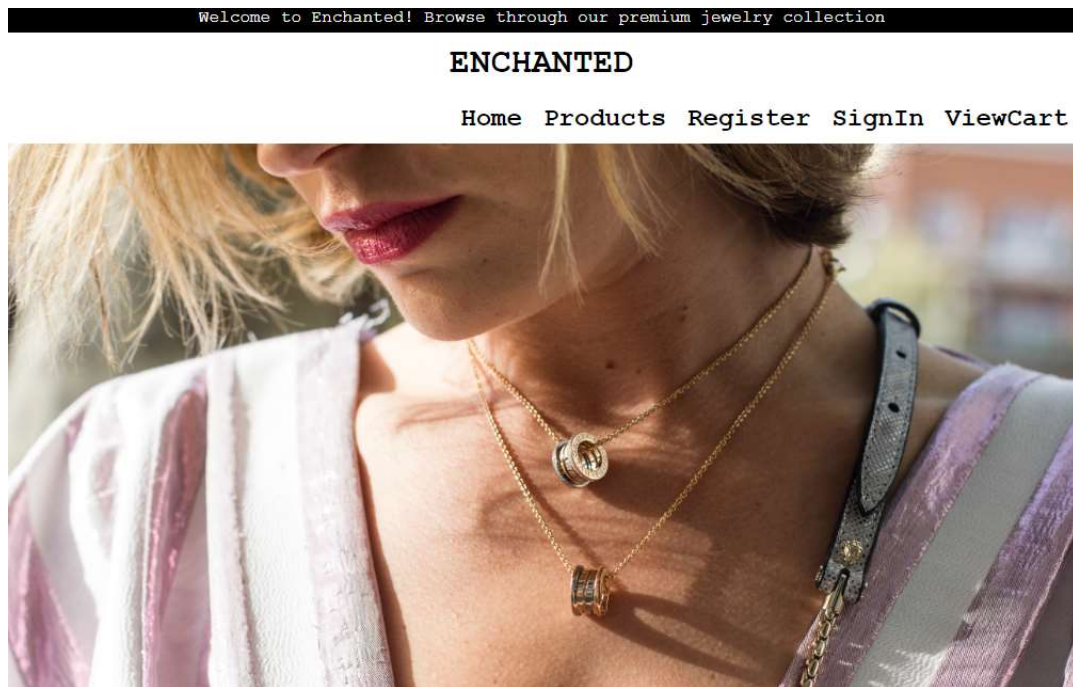


Figure 1 Home Page

Welcome to Enchanted! Browse through our premium jewelry collection

ENCHANTED

Home Products Register SignIn ViewCart

Register

Full Name:

Username/Email:

Password:

Confirm Password:

Address:

Phone Number:

REGISTER

Already have an account? Sign In [here](#)

Figure 2 Registration Page

2. Sign In:
Sign in to the website using your credentials.

Welcome to Enchanted! Browse through our premium jewelry collection

ENCHANTED

Home Products Register SignIn ViewCart

Sign In

Username: kbhandari522@gmail.com

Password: ****

SIGN IN

Don't have an account? Register [here](#)

Developed By - KRITIKA (300348156) AND JIMESH (300327631)

Figure 3 Sign In Page

3. Profile

Email address in the navigation will lead to the update profile page. Try changing your details and updating your profile.

Welcome to Enchanted! Browse through our premium jewelry collection

ENCHANTED

Home Products Register SignIn ViewCart kbhandari522@gmail.com SignOut

Hello Kritika Bhandari

Full Name: Kritika Bhandari

Username/Email: kbhandari522@gmail.com

Address: 8750 140 Street

Phone Number: 7783164780

UPDATE PROFILE

Figure 4 Update Profile

4. Products:

Click the products in the navigation. It will show you the list of available products. Click on view product








Welcome to Enchanted! Browse through our premium jewelry collection			
ENCHANTED			
Home Products Register SignIn ViewCart kbhandari522@gmail.com SignOut			
Product	Image	Price	View
Pearl Necklace		24.99	View
Diamond Ring		54.99	View
Wood Ring		24.99	View
Gold Pearl Ring		24.99	View
Butterfly Pendant		14.99	View
Bridal Tiara		99.99	View
Bling Bracelet		24.99	View

Figure 5 Products

5. Product Details:

This will show a detailed description of the products. You may add the products to the cart. You may add multiple products to the cart but please do not add the same product to the cart twice, if so, the website will display errors.



Figure 6 Product Description and add to cart

6. View Cart

You may view your cart through the navigation. This will display the items in the cart and the order total.

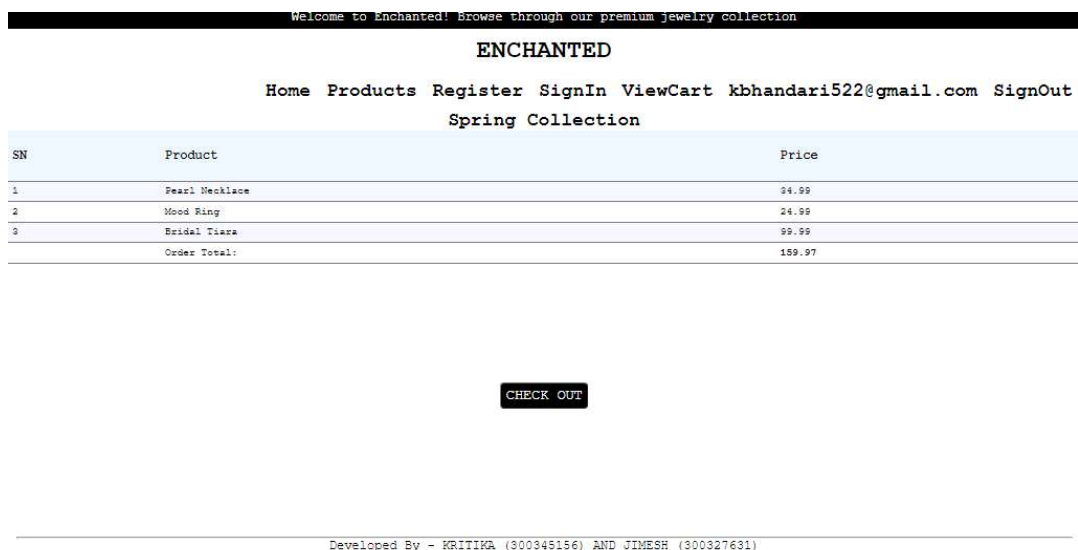


Figure 7 View Cart with order total

7. Check Out

You may check your items out from the cart page. This will place your order. If you wish to add another order, you may do so but do not add the products you have added previously because the website will fail.



Figure 8 Order Placed

8. Sign Out

After everything, you may sign out from the page using the sign out in nav.



Figure 9 Sign Out