



E-COMMERCE

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LOG-IN PAGE

The main page or Index for the whole project is the log in page, you can't access the website without log in.

If the user doesn't have an account he can press the sign-up button to create an account.

Login

Username:

Password:

Login

don't have an account ? [sign-up here](#)

Create Account

Name:

Username:

Password:

Confirm Password:

Age:

Register

Already have an account? [Login here](#)

LOG IN VALIDATION

- Username must be in the database
- Password must be correct and match the username
- we used validate password and validate username functions.

REGISTER VALIDATION

- all fields must be filled
- Username must not be taken by other user's
- Password must be between 8-15
- confirm password must match the original password
- age must be more than 10.
- we used hashpassword to store the user password in the database.



HOMEPAGE

After logging in you can add the products to the cart
and you can also access the cart.
also there are signout button.



iphone16

Aluminum design Latest-generation
Ceramic Shield front Color-infused glass
back Black.

Add to Cart



macbook

MacBooks offer a premium computing
experience with powerful performance,
stunning displays, long battery life, and a
user-friendly interface, all within a sleek and
portable design.

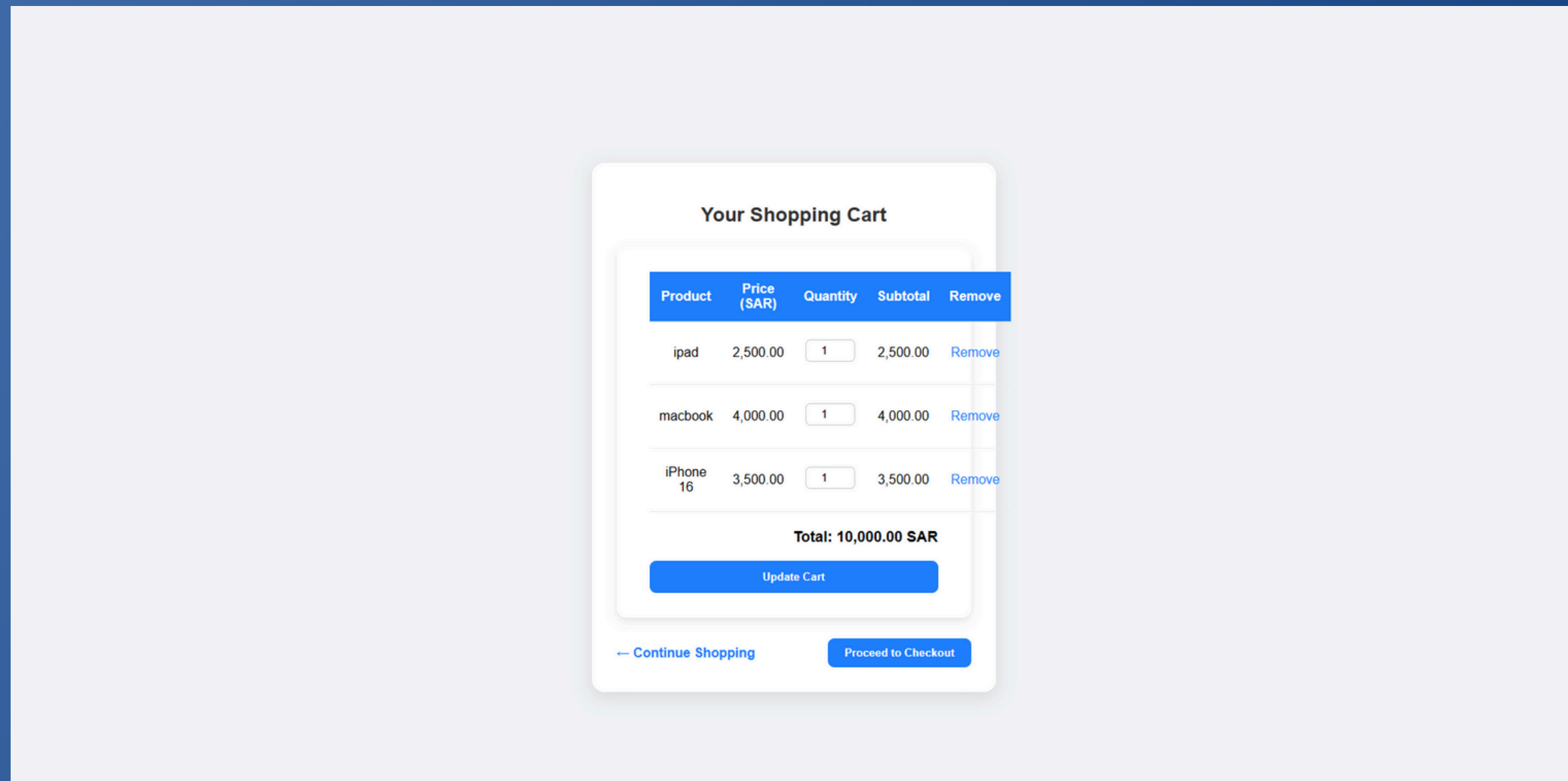
Add to Cart



Ipad

a versatile tablet computer developed by
Apple, known for its touch-screen interface
and portability

Add to Cart



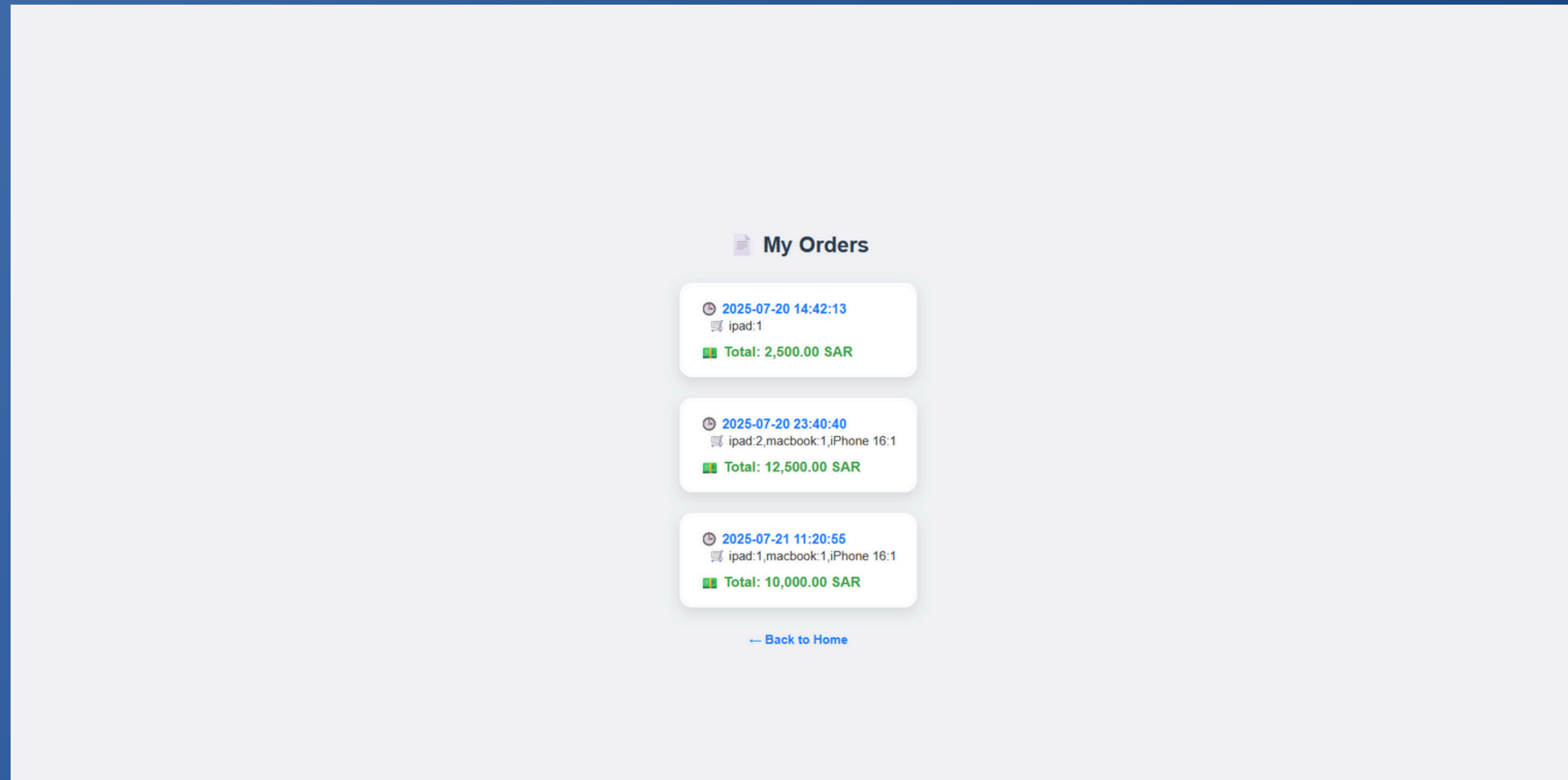
once you add your products and go to the cart page there are a remove button to remove the item and you can also increase or decrease the quantity.

 **Your order has been placed successfully!**

Thank you for shopping with us.

[Continue Shopping](#)

after you press check out you have this message to
confirm your order has been placed and you can go
back to the homepage



there is also view my orders button in the homepage that show you all the orders you have done so far.

TECHNICAL IMPLEMENTATION

- Built using PHP OOP

- Data storage using text files (no database)
- Security features like password hashing and session timeout handling

- Modular class-based architecture (User, Product, Cart, etc.)

- Sessions used for authentication and cart tracking

CONCLUSION

Had a lot of fun doing the task and enjoyed debugging each problem we faced and learned a lot like:

- How to design a scalable system architecture using PHP.
- How to manage sessions and user authentication without a database.
- Improved our understanding of OOP principles and file handling in PHP.
- Gained experience in simulating real-world features like cart, checkout, and role management.



**THANK
YOU**

