**PRJ301 Assignment**

**Project name: Gucci Shoes**

***Team member:***

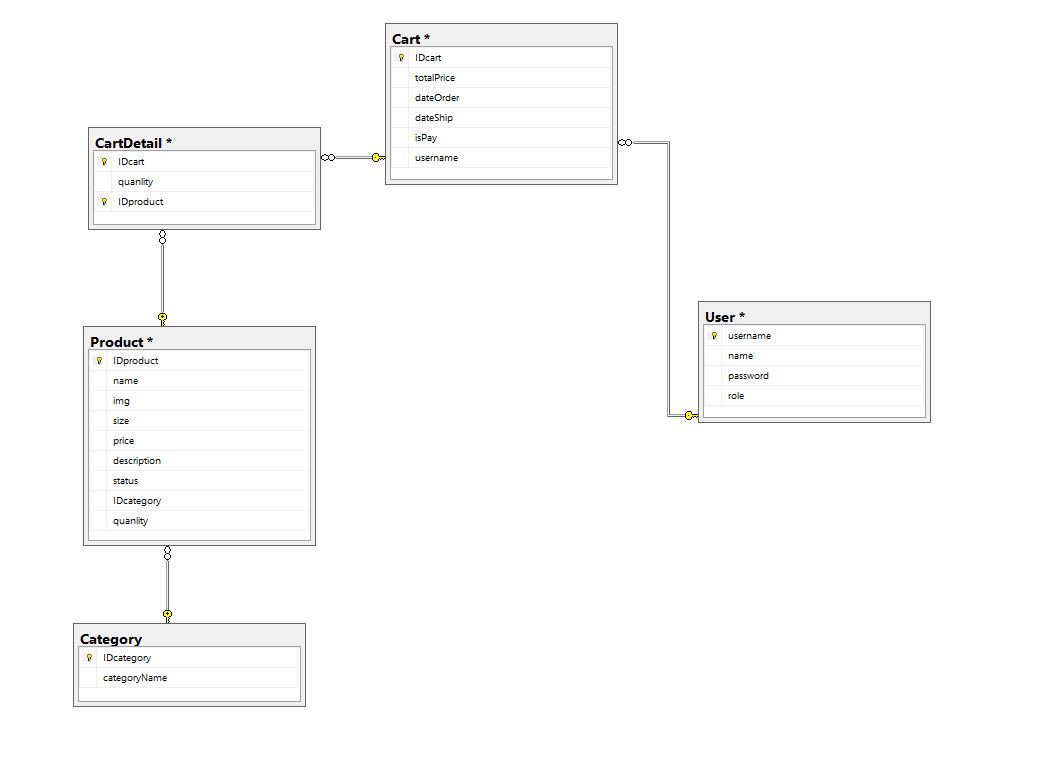
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3. Lý Định Công Minh – SE140952

***Spring 2021***

# Case Study

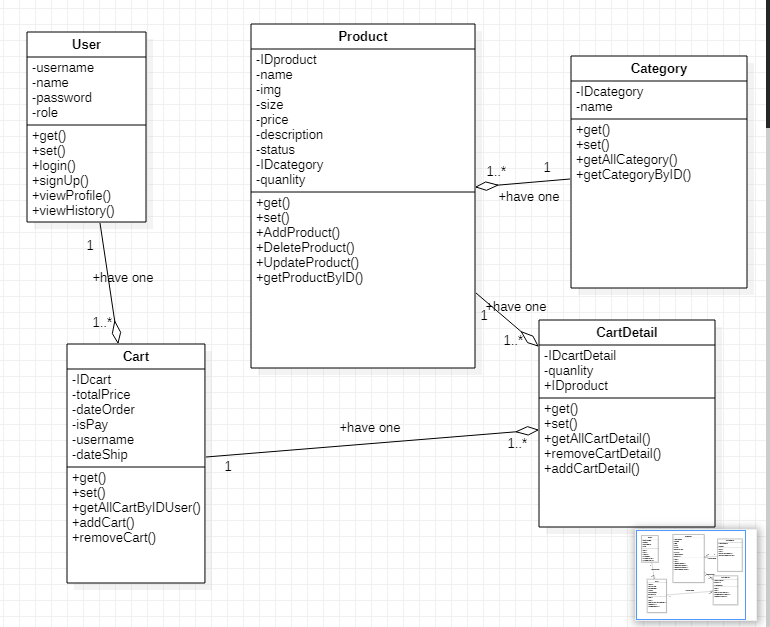
Currently, there are many young people who need to study online to save time and money on online websites. Therefore, developing a system of online shop is essential to provide users with more choice and convenience in product selection, and this website gives you a better overview of online shopping and searching the product is suitable for you.

# Database Design

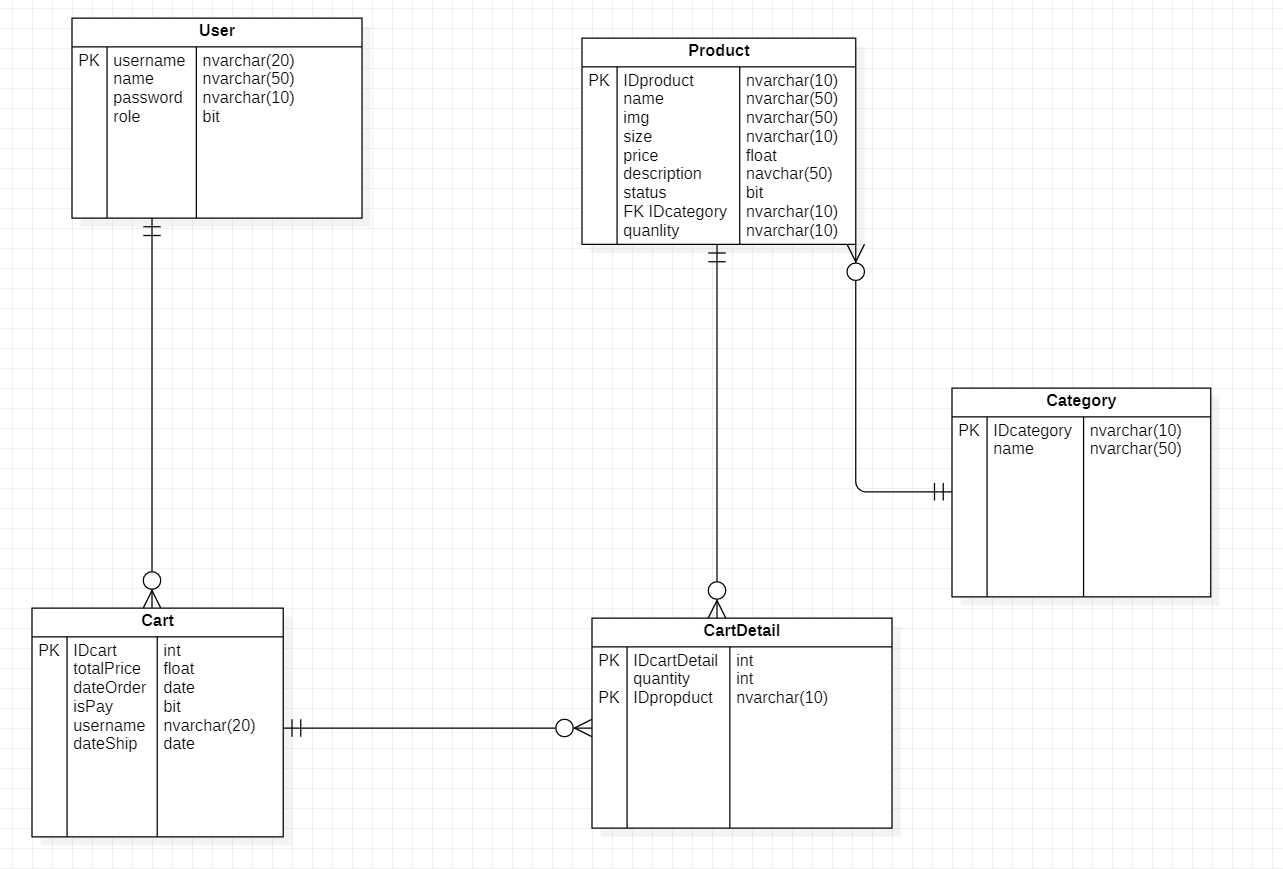


**Database Diagram**

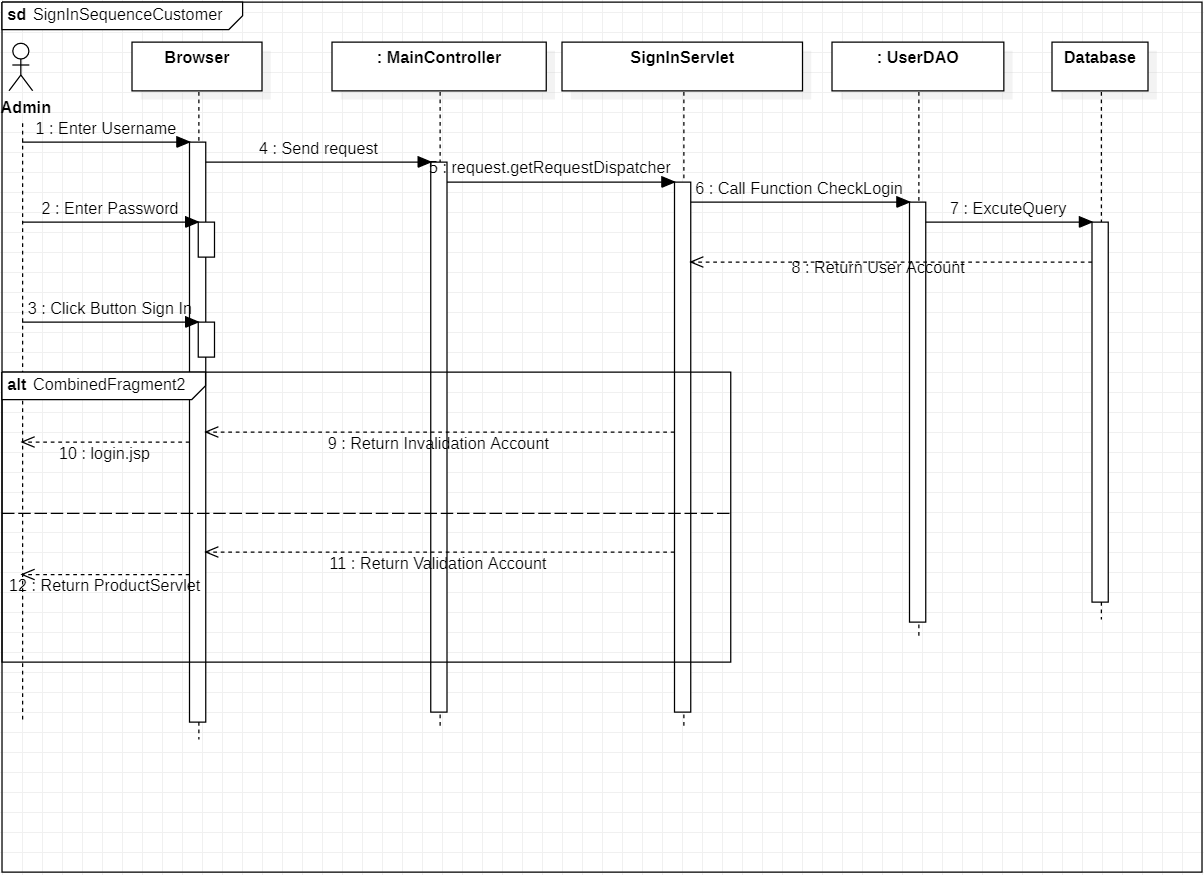
# System Design



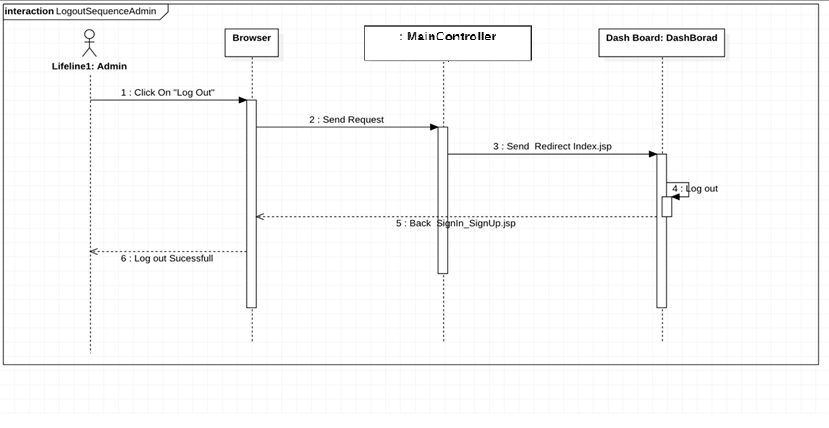
**Class Diagram**

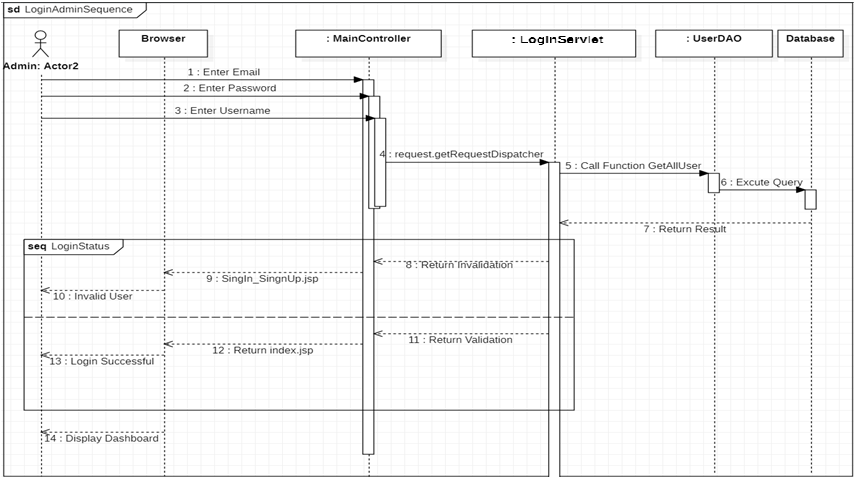
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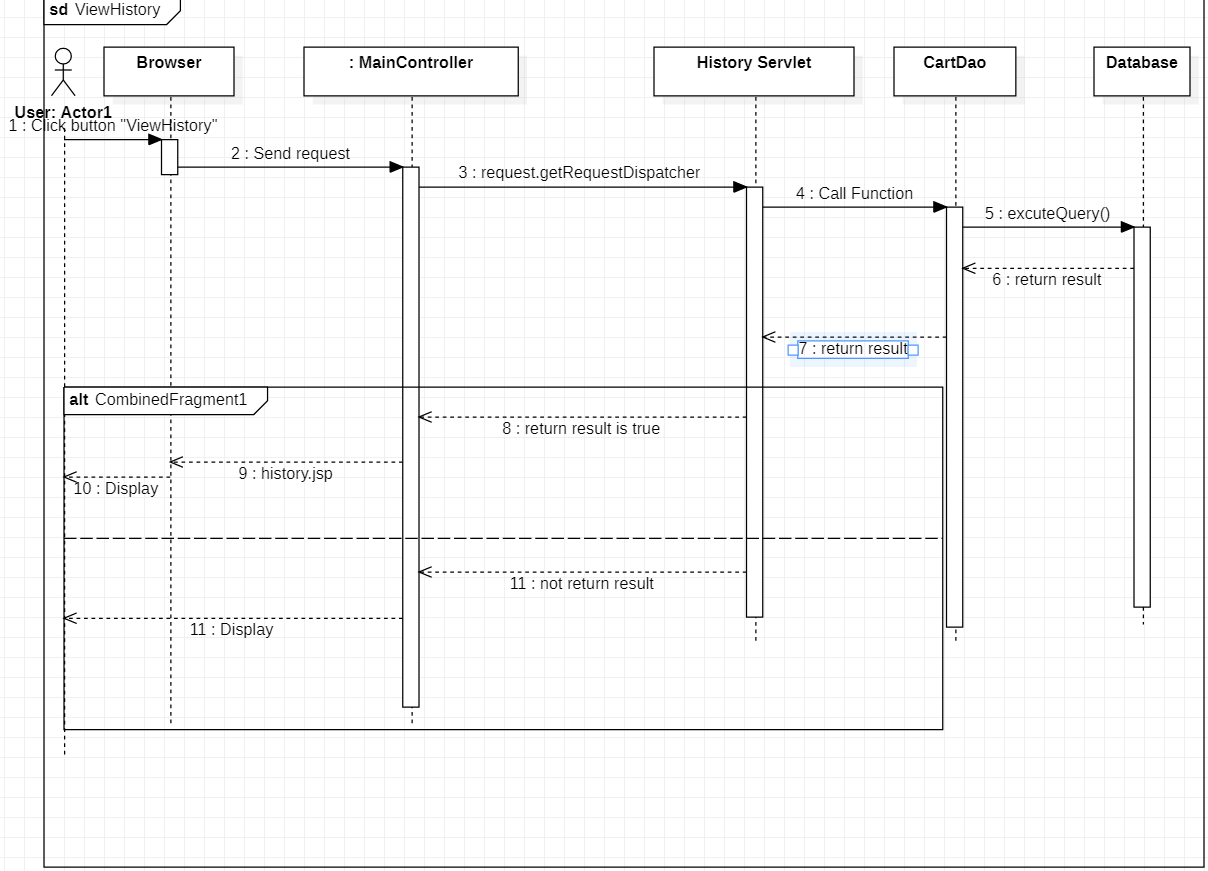
**Entity Relationship Diagram**



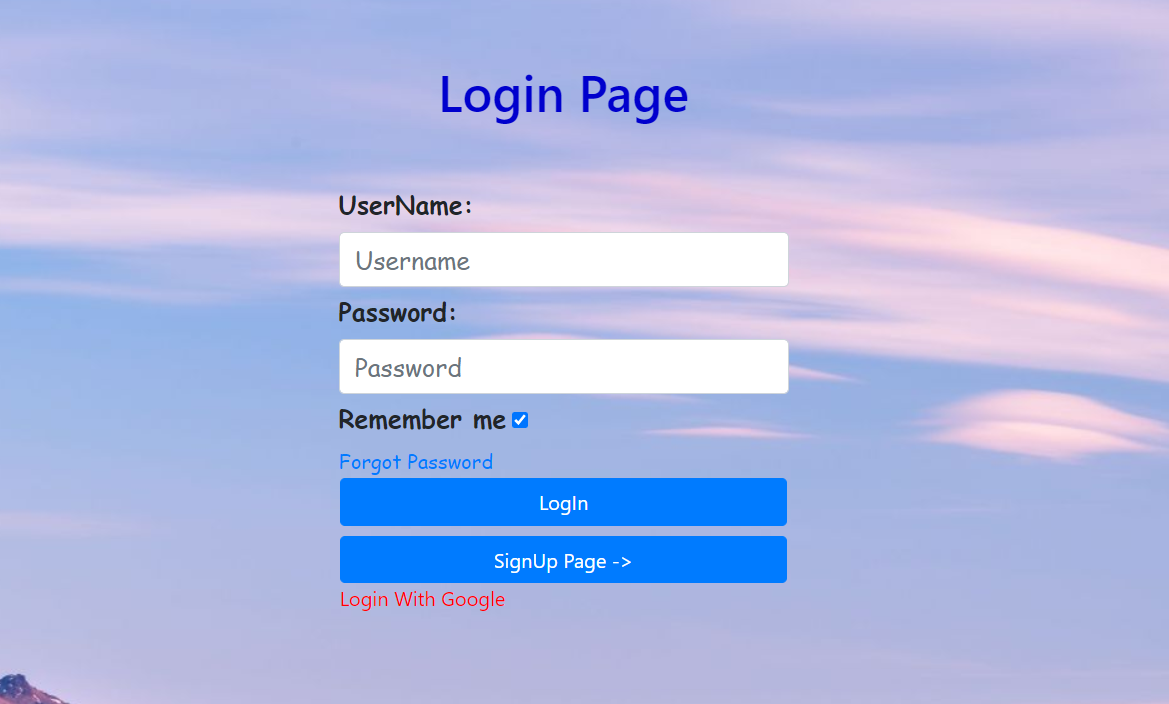






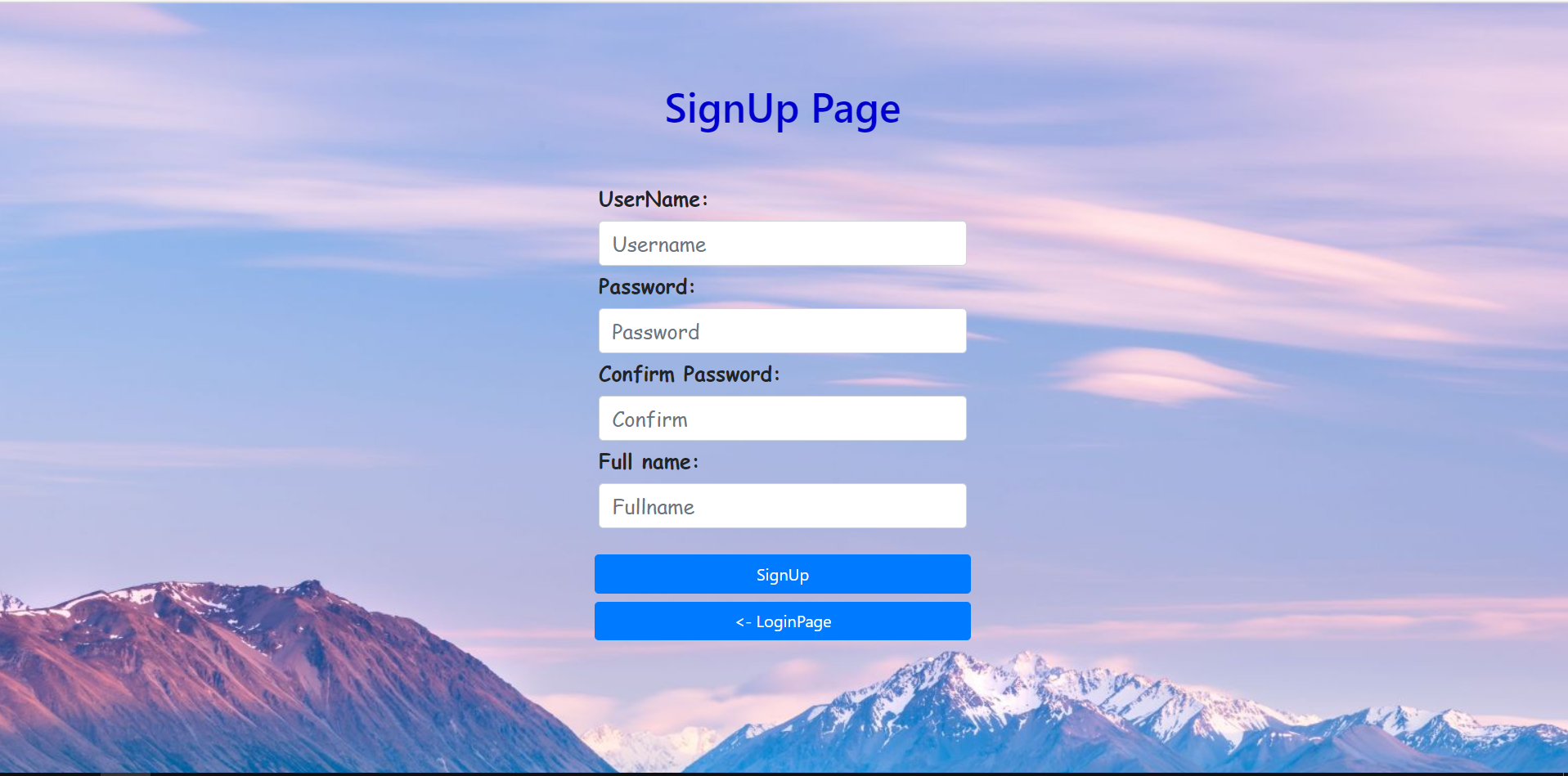


# Implementation (Screenshot with explanation)



**Login Page**

* User can login with username or password ( signed up )
* User also can login with Google account
* Check validation if username or password is empty



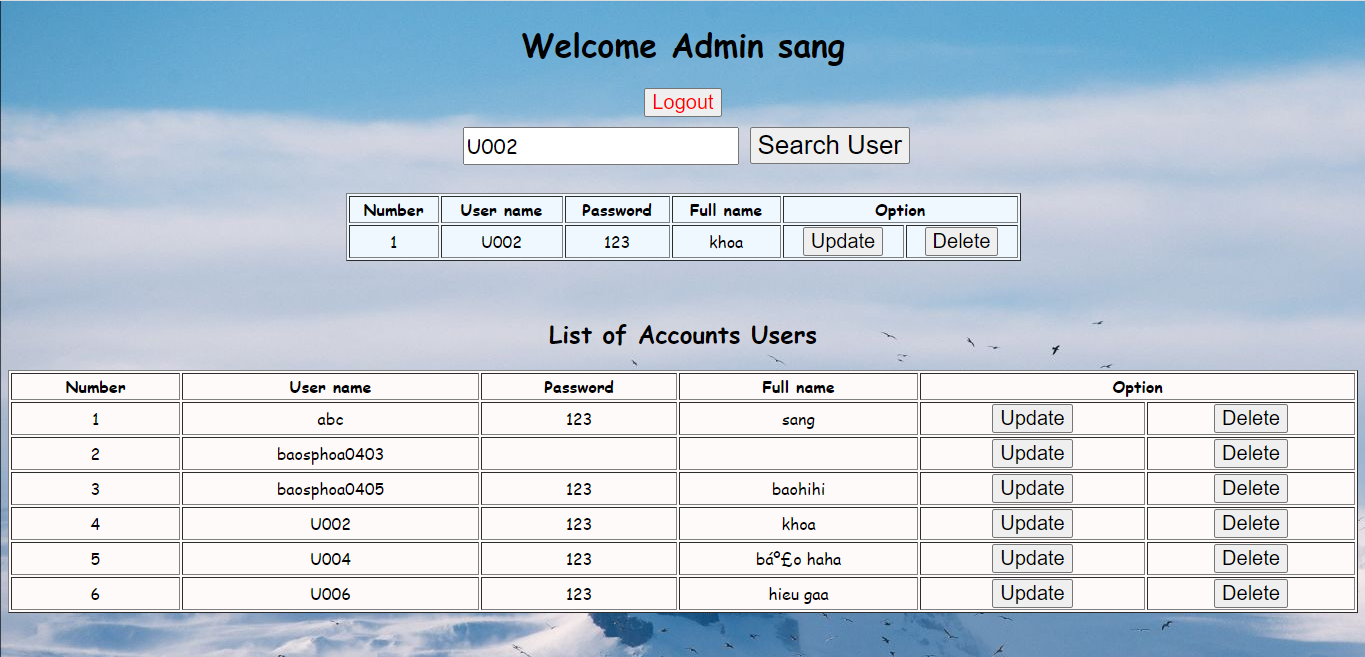
**SignUp Page**

* User input UserName, Password, ConfirmPassword, Full Name to Create New Account on our website
* Check validation if user disclaims no data entry
* User can back to LoginPage if they have account before



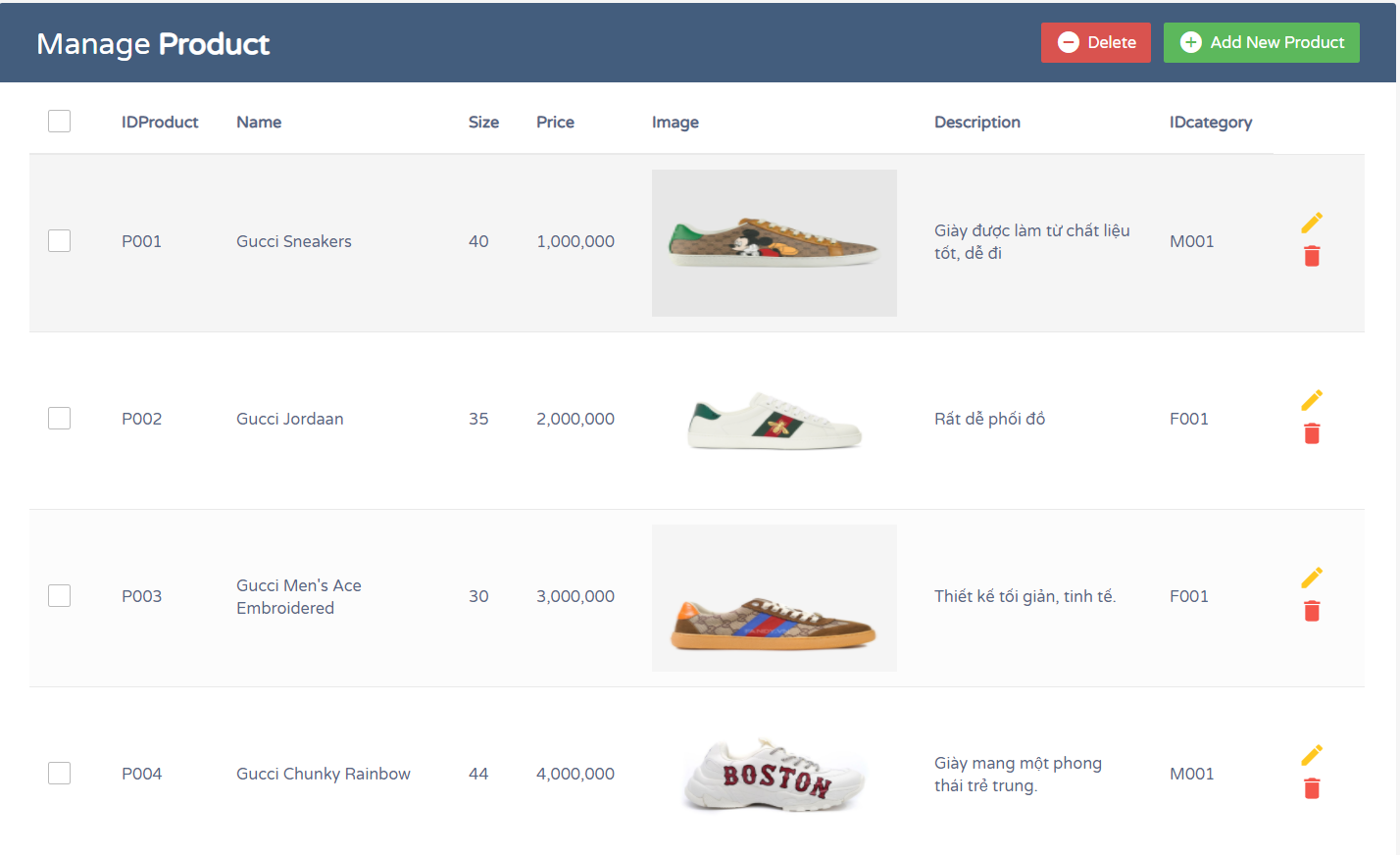
**Admin Page**

* If user is Admin – They have 3 choices are: Manage Users, Manage Products, Manage Cart
* Back to home or logout



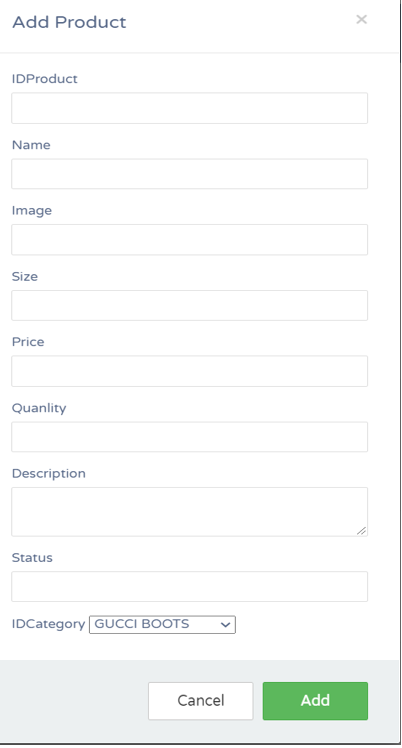
**Manage User**

* Admin can get all information of list Account Users
* Admin can search information of User by Username
* Admin have permission to update or delete Users



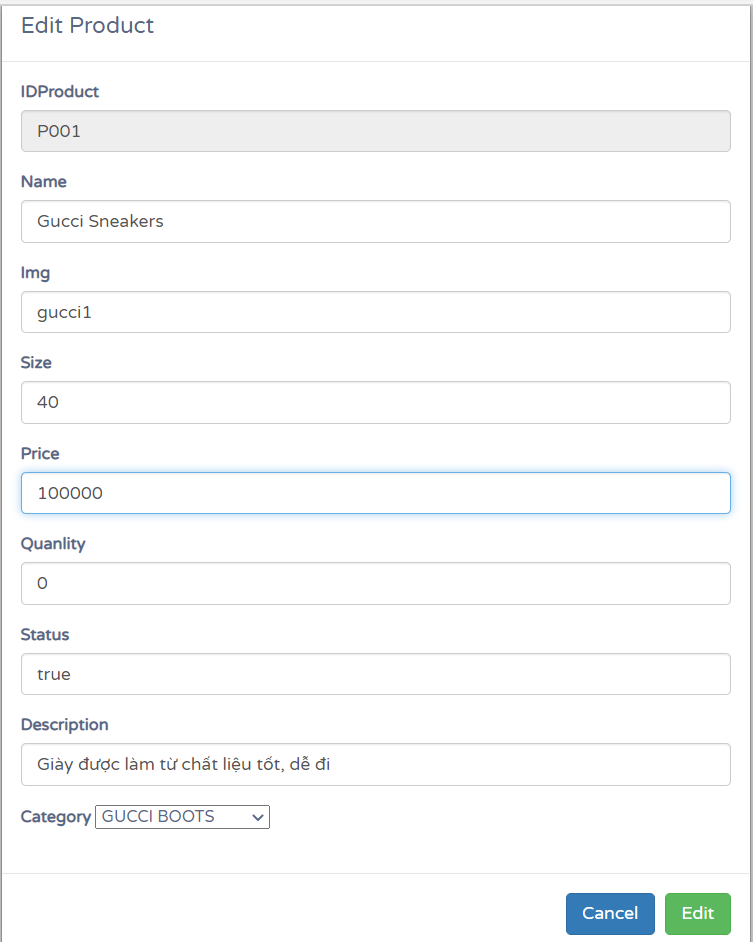
**Manage Product Page**

* Admin get all information of Product
* Admin can Add New Product into database
* Admin can Delete or Update Product



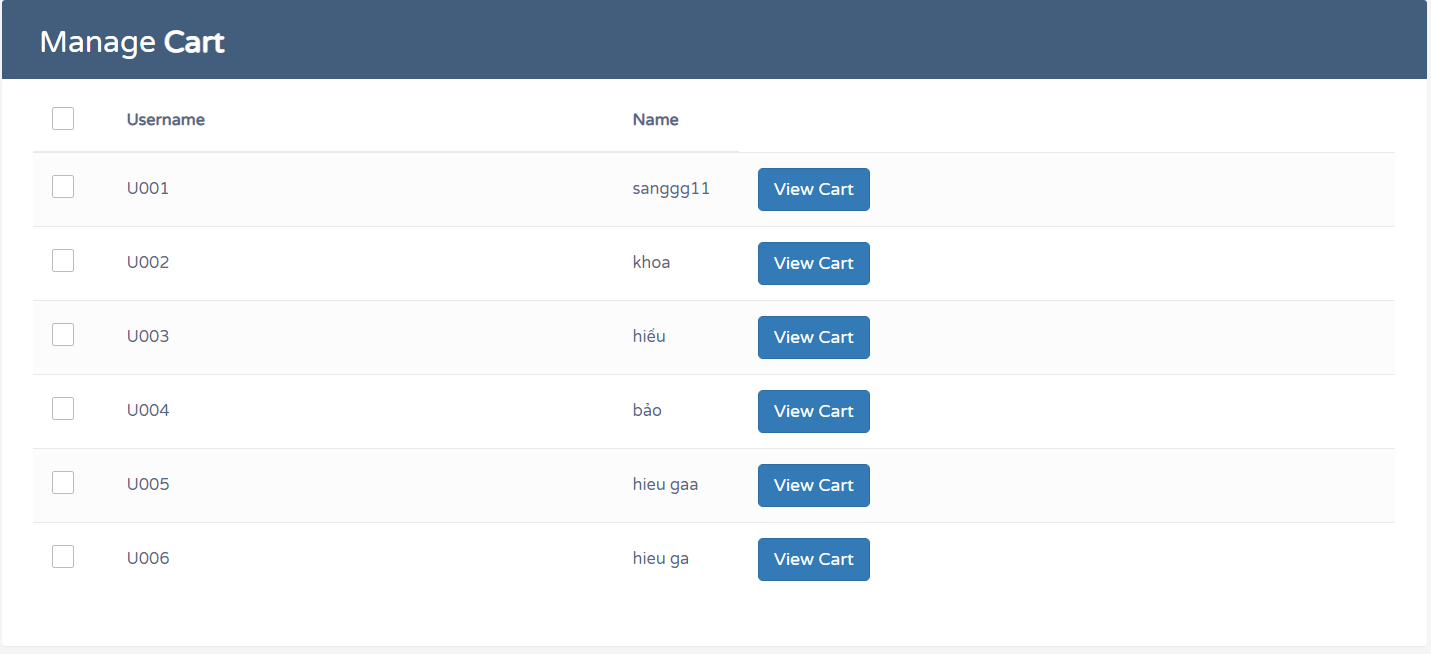
**Add Product Form**

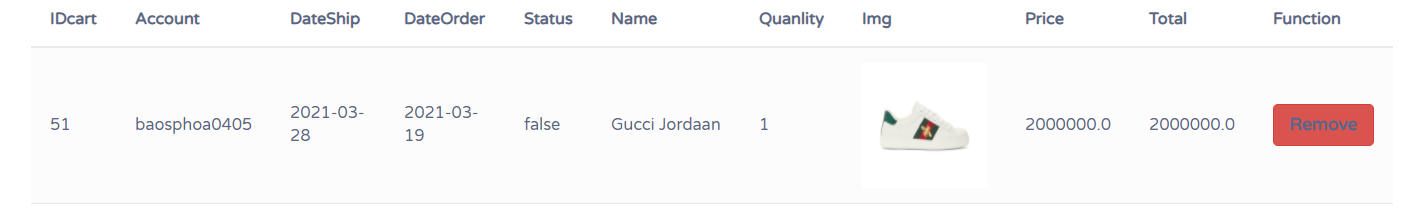
* Admin can add new product to database



**Edit Form**

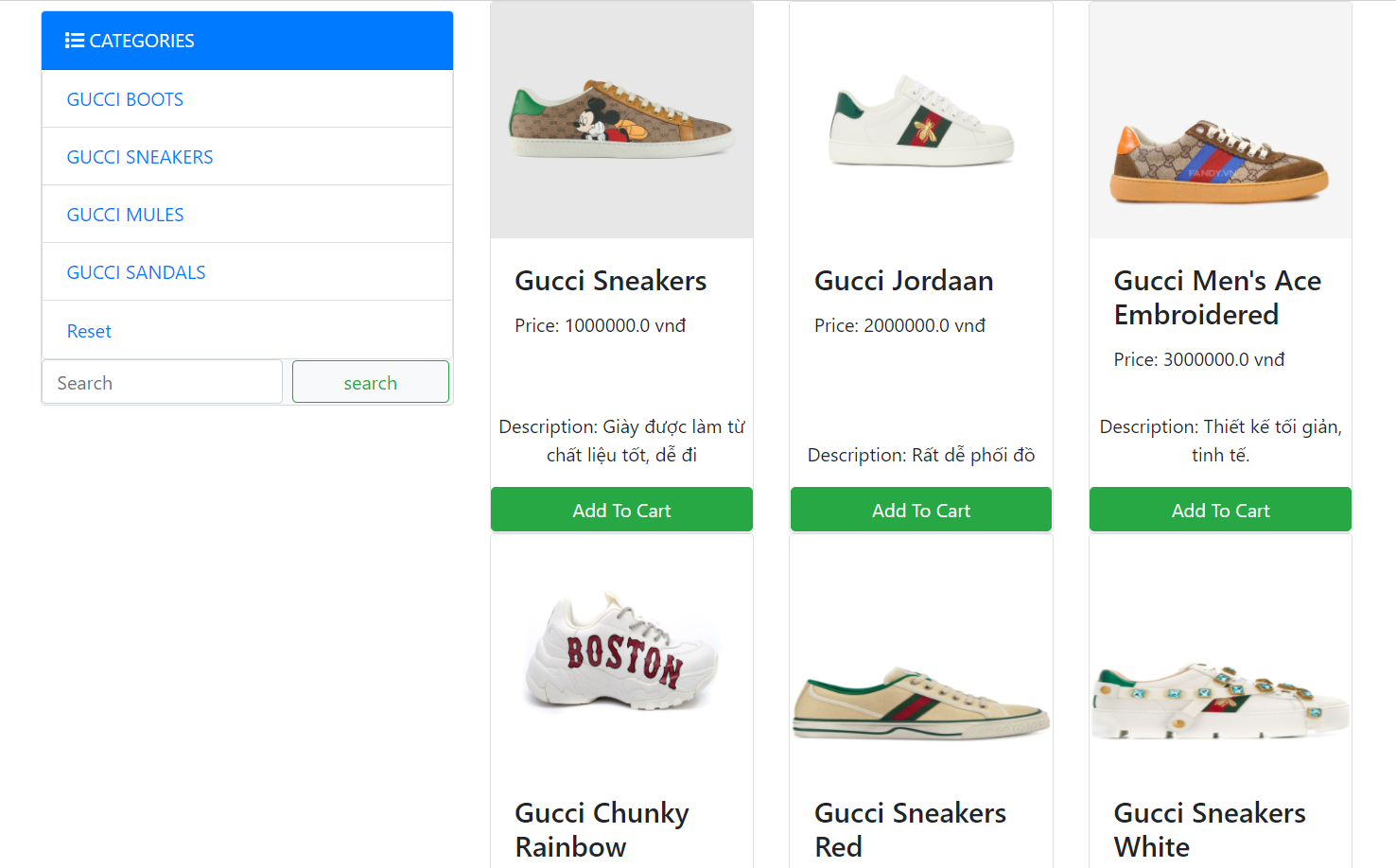
* Admin can update fields in Edit Form except IDproduct





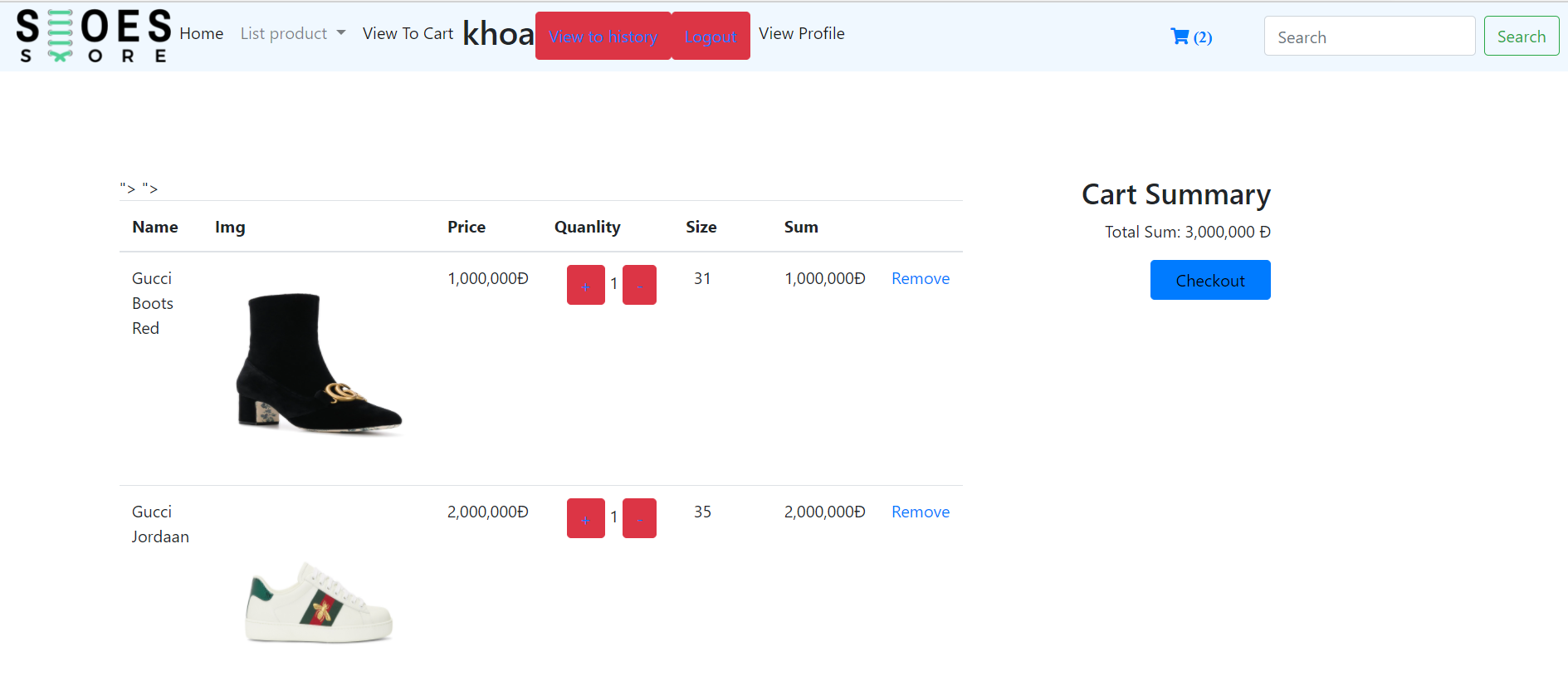
**Manage Cart Form**

* Admin can View Cart and Delete of list Users



**Customer’s Layout**

* User can view all list products in home page
* User can search by IDCategory to check products
* User can buy product when click button “ Add To Cart “



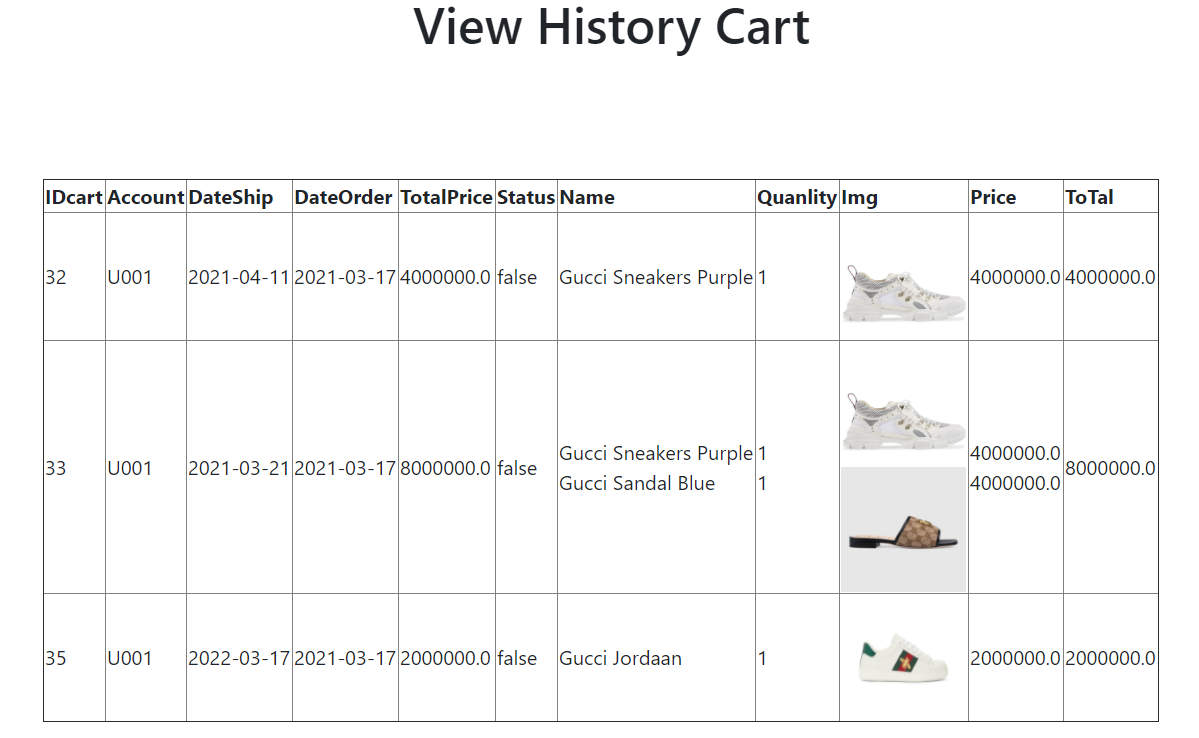
**Add To Cart Form**

* User have permission to Remove Or Checkout Products



**Confirm Order Page**

* User have permission to check Price,Data Order, Date Ship
* Confirm them if it is true

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**View History Cart**

* User can check history cart

# Conclusion

We provide users with the basic features such as: add, find, delete, edit. In addition, on the part of users, we add additional features such as purchase order confirmation, purchase history statistics. As for administrators, we add the following features: user management, product management, and purchase order management. The administrator can add, search, delete, and modify in the above functions

# References

[1]. <https://docs.oracle.com/cd/B14099_19/web.1012/b14017/filters.htm>

[2]. <http://docs.oracle.com/javase/tutorial/JDBC>