Theory:

- JAVA SERVLET

- AJAX

- JDBC

Practice:

- Design websites using HTML, CSS, Javascript, Bootstrap, jQuery

- Communicate with the database using JDBC

- Implement projects according to the MVC model

- Write code for website functions using Java Servlet, Ajax

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**I. INTRODUCTION**

Nowadays, information technology is very popular, especially computers are everywhere. The development of information technology helps increase the development of economic sectors. Solve data management problems, helping users operate faster, saving time and costs.

A shoe management website is a type of business with many goods and customers over a period. Using paper to record information and search for information creates difficulties. Therefore, building a support system for managers can manage employees and update products more easily. The employee’s work of recording invoices and selecting products according to customer request will be improved. The system records and from there can review and provide statistics on the shop’s revenue. That’s why I choose the topic: Shoe sales management website.

**II. MAIN FUNTION**

1. Log in and authorize.

Each user has a certain right. The administrator account will have all permissions. The seller’s account cannot be deleted, edited, or added, and has the right to add products. Customer accounts can only view their products and personal information.

1. Register an account.

By default, if the account registration is successful, the registered account will be assigned to the customer.

1. Forgot password.

Customers can retrieve their password via email. Administrators can update all information of sellers and customers. Customers can update their own information.

1. Product Manager: For Seller

Add: We enter additional information about the product to create a corresponding object.

Edit: We select the object and change the information as desired and press the edit button.

Delete: We select the object and press the delete button.

1. Account management: Administrators can view information of all accounts in the system.
2. Search products by price Min, Max, Under 100, 100-200, Above 200
3. Search products by color
4. Search products by name
5. Select products and pay.

Allows you to select products and add them to the cart and then pay. When payment is made the invoice will be saved and the customer will receive an order confirmation email.

1. Manage shopping cart.
2. Supplier management
3. Statistics of top 5 customers who buy the most.
4. Statistics of the top 5 best sales staff
5. Statistics of the top 10 best-selling products
6. Export all invoices, filter invoices by date, print invoices to Excel file
7. Monthly revenue statistics
8. Revenue statistics by day of the week
9. View store products

**III. LIST OF SALES SCENARIOS (USECASES)**

1.Use case manages all accounts

2.Use case to manage personal information

3.Use case to view store products

4.Use case to search for products

5.Use product ordering case

6.Use case to manage shopping cart

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