

# **Final Project Report**

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# SHOP SNEAKER: QSNEAKER PROJECT

**Problem:** Nowadays, in the 4.0 era, digital technology is developing, people's shopping needs are increasing, buyers need a technology to help them shop at home, and sellers do not need to rent space at high prices to be able to display products, and the QSneaker project to solve these issues.

“Shopping easy, comfortable”

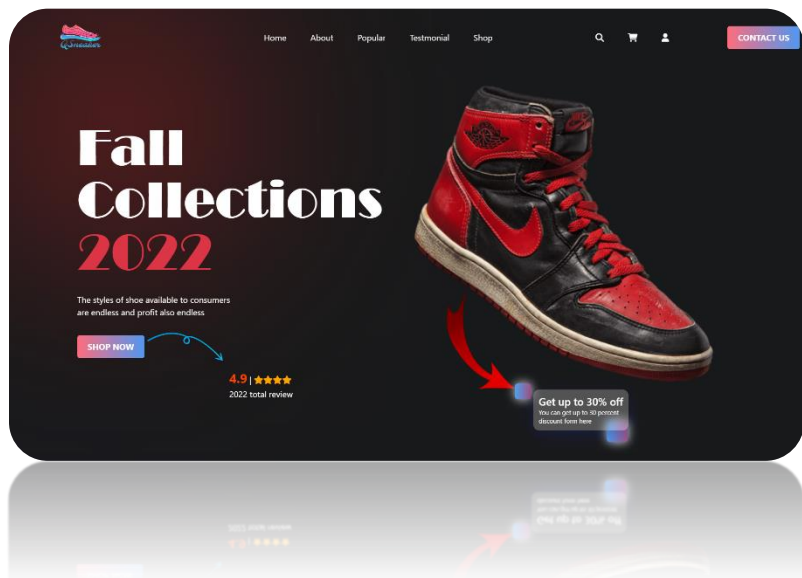
“Save product storage space”

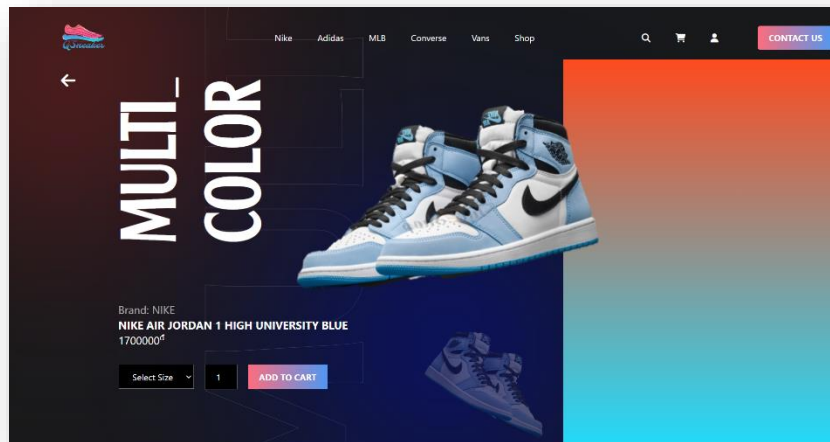
“Be able to interact with a large number of customers”

## **Solution:**

For buyers: To make a first impression on people who start shopping at the Web Shop, we create a page called a "Landing Page".

In there, we intro about Qsneaker, show best-selling products, and event of shop.





For each product, the design part is very important to leave an impression on the user, instead of using a white background like shopee, tiki, here we use a black background together to be able to turn on the product.

For sellers: We designed a “dashboard” page: based on which they will quickly capture information about the number of users, the total types of products being sold, manage invoices, income in the current year, and a chart showing the number of shoe brands that have successfully sold:



Of course, sellers can add and remove items and manage invoices based on 2 pages "Product-management" and "Order-management".

QSneaker

Quy Quoc  
Admin

Dashboard

Product

Order

User

Logout

New Order

Show All

Stt	Oder date	Name	Phone	Address	Total	Action
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Shipping Order

Show All

Stt	Oder date	Name	Phone	Address	Total	Action
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Done Order

Show All

Stt	Oder date	Done date	Name	Phone	Address	Total	Action
1	2022-01-01	2022-01-05	Quốc Phùng	0912345678	FPT Hala	2484000	<a href="#">Detail</a>
2	2022-04-05	2022-04-12	Hào Hào	0323243234	DH Bach Khoa	4890000	<a href="#">Detail</a>
3	2022-04-05	2022-04-09	TaoBao	0911092002	DH Quốc Gia Hala	3960000	<a href="#">Detail</a>
4	2022-07-08	2022-07-11	Quoc	0911092002	DHSDQWE	11790000	<a href="#">Detail</a>
5	2022-07-09	2022-07-11	Quoc	09341092002	DHSDQWE	251979000	<a href="#">Detail</a>
6	2022-09-20	2022-11-01	TaoBao	0231092002	DH Quốc Gia Hala	5600000	<a href="#">Detail</a>
7	2022-10-19	2022-11-01	Phùng Quý Quốc	0911092302	trọ Hoàng Nam	3500000	<a href="#">Detail</a>
8	2022-10-19	2022-11-01	Phùng Quý Quốc	0912092002	trọ Hoàng Nam	11900000	<a href="#">Detail</a>

Quy Quoc

Admin

Dashboard

Product

Order

User

Logout

Modal Sneaker

Add One

Show All

Image	Name	Brand	Price	Status	action	
	NIKE AIR JORDAN 1 HIGH TROPHY ROOM FREEZE	Nike	1000000	Normal	Delete	Edit
	NIKE AIR JORDAN 1 HIGH UNIVERSITY BLUE	Nike	1700000	New	Delete	Edit
	NIKE AIR JORDAN 1 HIGH 'BLACK WHITE'	Nike	1700000	Normal	Delete	Edit
	NIKE AIR JORDAN 1 HIGH ZOOM CMFT MULTI COLOR	Nike	1400000	Normal	Delete	Edit
	NIKE AIR FORCE 1 LOW GOLDEN TOOTHBRUSH	Nike	1700000	Normal	Delete	Edit
	NIKE AIR FORCE 1 LOW 07 WHITE METALLIC SILVER	Nike	1900000	Normal	Delete	Edit
	NIKE AIR FORCE 1 LOW GORE-TEX OLIVE	Nike	1400000	Normal	Delete	Edit
	MLB CHUNKY LINER BOSTON RED	MLB	1800000	New	Delete	Edit
	MLB CHUNKY LINER NEW YORK YANKEES GREY	MLB	1000000	Normal	Delete	Edit
	MLB CHUNKY HIGH LOW NEW YORK YANKEES	MLB	900000	Normal	Delete	Edit
	Adidas Ultra Boost 21 White Stripes Black	Adidas	2000000	Normal	Delete	Edit
	Adidas Ultra Boost 21 Triple White	Adidas	1799000	Normal	Delete	Edit
	Adidas Ultra Boost 21 Multi-Color	Adidas	1999000	Normal	Delete	Edit
	Vans Slip-On 47 V DX Fear of God Black White	Vans	3000000	Normal	Delete	Edit
	Vans Vault Old Skool Black White 2019	Vans	2399000	Landing Page	Delete	Edit

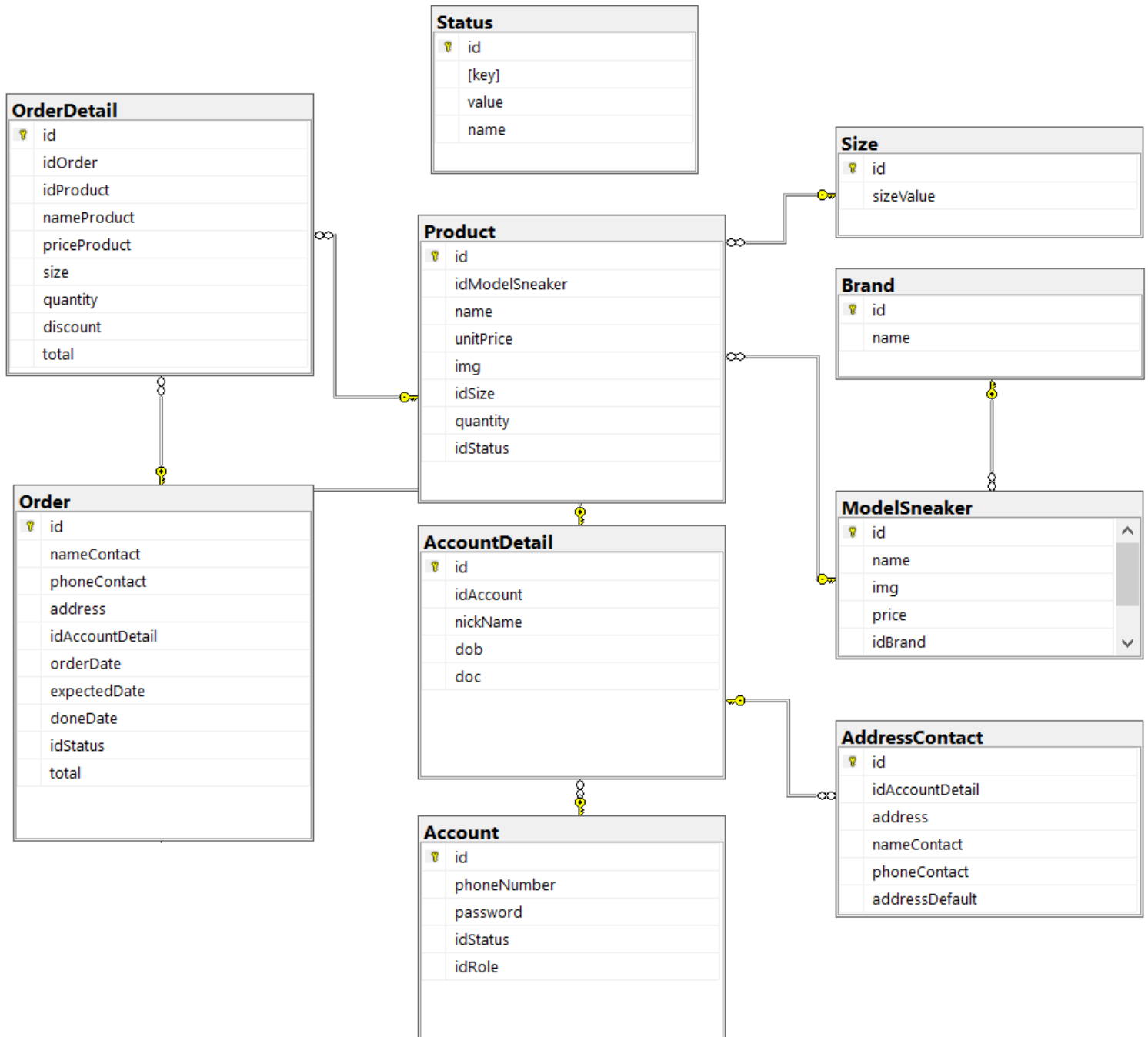
At this project to work with the management system we have used the following programming software:

1. SQL
2. Java
3. HTML
4. CSS
5. JS

## SQL SERVER:

To build a diagram of the management system of shoe models, sizes, brands, quantities, revenue sources, orders, ...

Build query commands to sort products, calculate revenue sources, search for products, change order status, ...



## JAVA:

At Folder assets we have files to serve web design such as css, img, js, ...

JSP files to receive attributes sent from the servlet and displayed on the website.

In the connection folder containing the java file receives the task of connecting java to the database in SQL.

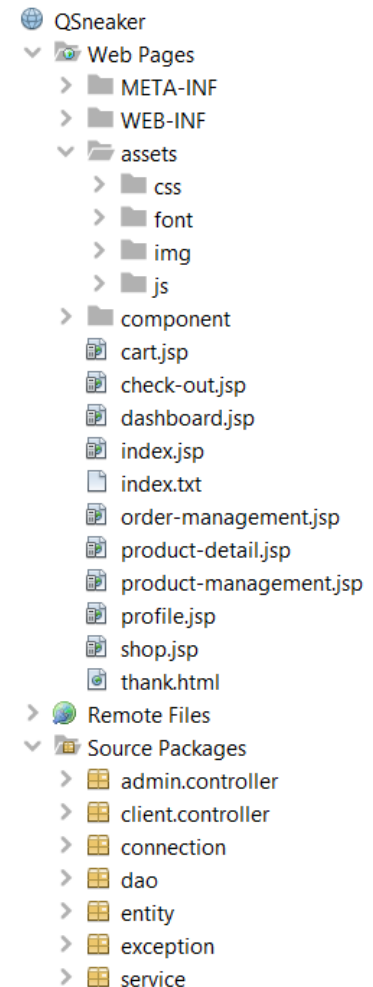
Each table in the database corresponds to a class in the entity folder.

Folders contain code files that take care of data from the database by using methods that perform queries and return objects or object lists.

The Servlet file plays the role of executing the commands contained in the knife folder and sends data to the jsp file.

In the **admin.controller** folder contains Servlet files to handle the incoming data for the admin management page.

In the **client.controller** folder contains Servlet files to handle the incoming data for the shop page.



```
package entity;
import lombok.Builder;
import lombok.Getter;
import lombok.Setter;
import lombok.ToString;
```

```
/**
 *
 * @author Shado
 */
@Builder
@Getter
@Setter
@ToString
public class Cart {

    private int productId;
    private String name;
    private String brand;
    private int sizeValue;
    private String img;
    private int unitPrice;
    private int quantity;
```

In the package entity there is 1 more class "Cart". This class will define the products in the cart and store it as a session.

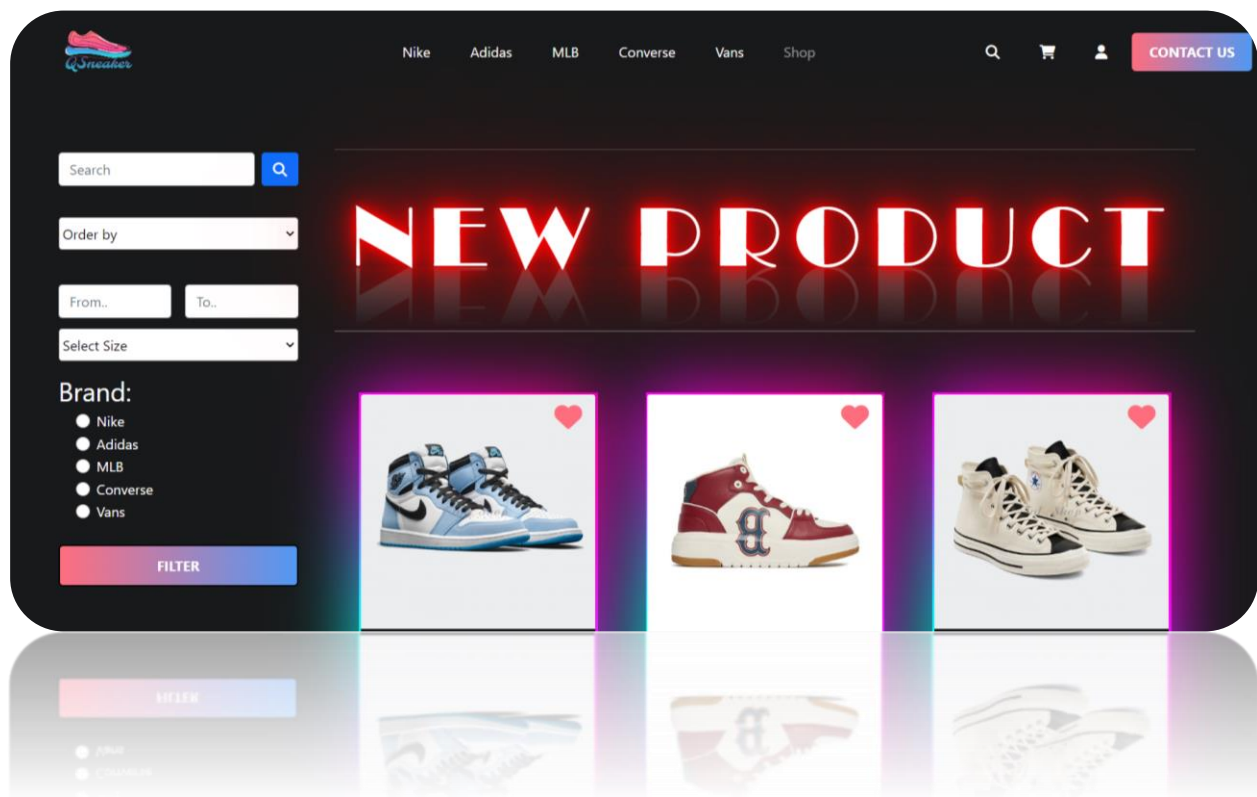
Here, the project uses the Lombok library to simplify the code to flexibly edit the properties of the object.

Session: Login Account, ListCart

- Store accounts and shopping carts so that we do not lose data when we transfer between pages.

With an account with an admin role, you can go to separate pages for admins such as dashboard, product management.

Users can search and sort and filter products by price, size, brand,... to be able to find the right product as quickly as possible through the "side bar".





Naturally users can change personal information:

The screenshot shows a 'Change Information' modal form overlaid on a website. The modal has a close button (X) in the top right corner. It contains two input fields: 'Name' with the value 'Quốc Phùng' and 'Date of Birth' with the value '2022-09-11'. Below these fields is a 'SUBMIT' button. In the background, a user profile is visible with the following details:

Field	Value	Action
Phone Number	0911092002	
Name	Quốc Phùng	
Date Of Birth	2022-09-11	
Date Of Creation	2022-09-22	
Pass Word	Change	

As well as adding deletion edits, considering the default address:

The screenshot shows a user profile page for 'Baooooo' with phone number '0927032009'. The page has tabs for 'About' and 'Address Contact', with 'Address Contact' being the active tab. The page displays a list of contact information with columns for 'Name Contact', 'Phone Contact', and 'Address Contact'. The first contact is 'Phung Quoc' with phone number '0911092002' and address 'Ninh Binh City, Viet Nam'. This contact has an 'Address default' button and an 'Edit' button. Below it are two more contacts: 'TaoBao' and 'Quoc', each with their respective phone numbers and addresses, and buttons for 'Delete', 'Set Default', and 'Edit'. At the bottom, there are input fields for 'New name contact', 'New phone contact', and 'New address contact', followed by an 'ADD MORE' button.

Name Contact	Phone Contact	Address Contact	Actions
Phung Quoc	0911092002	Ninh Binh City, Viet Nam	Edit
TaoBao	0911092002	DH Quốc Gia Hala	Delete Set Default Edit
Quoc	0911092002	DHSDQWE	Delete Set Default Edit

New name contact New phone contact New address contact ADD MORE

**Conclusion:**

Project QSneaker is a project on shopping and managing shoes in particular and business items in general. The original purpose of the project was to help buyers easily access the latest and most beautiful products in an attractive way. Addition , we want to help business people have a good environment to compete as platforms and websites are increasing. Our website was created with the following criteria: simple, user-friendly and effective. The QSneaker project has only just started and completed within two weeks, but we have tried to bring the best core values to the user. Fortunately for us, the project developed quite successfully and was well received and responded to by everyone. We will accept user contributions to edit and improve the project better and better.