

Sporty Shoes

Phase 3 Project

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PROJECT INTRODUCTION:

Sportyshoes e-commerce website for managing products in portal and selling shoes to customers online.

In this document you can see the prototype of product operations for both page Admin and Customer interaction.

Admin Operations:

- **Admin Login:** which is authorised according to data in the database.
- **Change Password:** Admin needs to enter the old password to authorise.
- **Manage Products:** Add, Delete, Update Products.
- **Manage Customers:** View, Delete and Search Customers.
- **Manage Purchases/Orders:** View, Delete and Search Orders.

Customer Operations:

- Register
- Login
- Search Products
- Choose quantity and size
- Add Cart
- View Cart
- Pay and Buy Products
- View previous active orders.

Home Page:

Welcome

Shop from below

			
Company Puma	Company NewBalance	Company Reebok	Company Under Armour
Name PTrain	Name NBRun	Name RFooty	Name UAClimb
Price 8654.25	Price 5000.0	Price 5000.0	Price 4863.52
Category Trainer	Category Running	Category Football boot	Category Climbing
Add to Cart			

		
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Customer Interaction:

Customers need to Login or Register into website to start shopping. If a customer clicks on Add Cart without doing that A prompt will appear until Login or Register.

Welcome

Shop from below

[Login or Register to start shopping](#)

			
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Customer Registration:

Sporty shoes

Welcome, Enter details

Register

Customer need to enter email in the proper pattern. If not user will not be registered.

Sporty shoes

Welcome, Enter details

Register

Sporty shoes

Email pattern doesn't match

Welcome, Enter details

Register

Assume User entered all details properly like below

Sporty shoes

Welcome, Enter details

john@mail.com
John
9876543210
password

Register

After Successful registration Customer will be logged in straight and ready for shopping

Search Products Search by Products ← Search bar to search products

Welcome John ← Welcome Greet

Customer Related Options Logout View Cart View Active Orders

Shop from below

Company	Name	Price	Category
NewBalance	NBRUn	5000.0	Running
Reebok	RFooty	5000.0	Football boot
Under Armour	UAClimb	4863.52	Climbing
Scketchers	SRun	5000.0	Running

Add to Cart

Customer Login:

Login will also work in the same manner but user just need to enter credentials.

Customer Login

Enter Details

john@mail.com
....

Log In

Note: Login will work if user already registered previously.

Home Page After Login or Register:

The screenshot shows a user interface for a shopping website. At the top, there is a search bar labeled "Search Products" and a button labeled "Search by Products". On the right side of the header, there are three buttons: "Logout", "View Cart", and "View Active Orders". Below the header, a welcome message "Welcome John" is displayed. A section titled "Shop from below" contains four product cards, each featuring a shoe icon and a table with product details. Each card has an "Add to Cart" button at the bottom.

Company	Name	Price	Category
Puma	PTrain	8654.25	Trainer
NewBalance	NBRun	5000.0	Running
Reebok	RFooty	5000.0	Football boot
Under Armour	UAClimb	4863.52	Climbing

Search Products: Customer can Search products

Logout: Customer will be logged out and no longer can shop

View Cart: Items in cart for current session

View Active Orders: Previous active orders are shown by this button.

Add to Cart: Customers can add products to cart.

Customer clicks on view cart or View Active orders and If no items found in for the list.

The screenshot shows the same user interface as the previous one, but the "View Cart" section is empty. Instead of the four product cards, it displays a red message: "No products currently in Cart".

Search Products:

User can enter any keyword as input to search products:

If any products were not found prompt is displayed showing “Products not found” else products are displayed and ready to shop.

Welcome John

Shop from below

Currently no products for searched

Company Puma	Company NewBalance	Company Reebok	Company Under Armour
Name PTrain	Name NBRUn	Name RFooty	Name UAClimb
Price 9654.75	Price 5000.0	Price 5000.0	Price 4962.52

Imagine Customer searching for “run”. So all Running shoes were displayed.

Welcome John

Shop from below

Company NewBalance	Company Scketchers
Name NBRUn	Name SRun
Price 5000.0	Price 5000.0
Category Running	Category Running
Add to Cart	Add to Cart

Note: Now a Home button is displayed to go back to home with a full list of products.

Add Cart:

If user clicks on Add to cart button. A new page is opened and customer needs enter quantity and size of shoes.

Add Product

Product	
Product Name	SRun
Price	5000.0
Product Category	Running
Required Size	<input type="text" value="size"/>
Required Quantity	<input type="text" value="Quantity"/>
Add to cart	

Now User needs to enter size and quantity then click on Add to Cart. then product is added to cart and redirected to homepage

[Search by Products](#)
[Home](#)

[Logout](#)
[View Cart](#)
[View Active Orders](#)

Welcome John

Shop from below

Product added to cart



Company	NewBalance
Name	NBRun
Price	5000.0
Category	Running



Company	Scketchers
Name	SRun
Price	5000.0
Category	Running

[Add to Cart](#)
[Add to Cart](#)

Note: until now products are added to cart only, Not yet bought.

Now Click on “View cart” to buy products.

View Cart and Buy Products:

[Back to Home](#)

 Payment Made YES NO [Buy All Now](#)

Customer List which Total Cost **14863.52**

Product Id	Quantity	Size	Price
59363	1	9.0	4863.52
66390	2	10.5	10000.0

Here a dummy payment mode is added just to demo payment interaction. Customer needs click on “Yes” radio button to finish payment. If customer selects “No” or nothing then error is displayed.

[Back to Home](#)

 Payment Made YES NO [Buy All Now](#)

Customer List which Total Cost **14863.52**

Make Payment before to finalize orders

Product Id	Quantity	Size	Price
59363	1	9.0	4863.52
66390	2	10.5	10000.0

If customer selects on Yes and then click “Buy All Now”. Now products will be added to Purchase list

Search Products [Search by Products](#)

[Logout](#) [View Cart](#) [View Active Orders](#)

Welcome John

Shop from below

Products added to Customer Order List Sucessfully

			
Company Puma	Company NewBalance	Company Reebok	Company Under Armour
Name PTrain	Name NBRun	Name RFooty	Name UAClimb
Price 8654.25	Price 5000.0	Price 5000.0	Price 4863.52
Category Trainer	Category Running	Category Football boot	Category Climbing
Add to Cart	Add to Cart	Add to Cart	Add to Cart
			

View Active Orders:

[Back to Home Page](#)

Currently Active Orders

Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John
801153	66390	2021-07-15	0.0	2	10000.0	john@mail.com	John

Admin Login:

User needs to click on “Admin Login” button to redirect to login page.

Admin needs to enter Username and password to login into portal.

Admin Login

Enter Details

[Log In](#)

If Admin enter username or password wrong Error message is displayed

The screenshot shows a login form titled "Admin Login". It has two input fields labeled "Username" and "Password". Below the fields is a blue "Log In" button. To the right of the input fields, a red-bordered box highlights the text "Username or password wrong".

If Admin enters username and password correct then redirected to Admin Dashboard page.

Operations in Admin Dashboard are:

- **Change Password:** to change admin password.
- **Log out:** Admin will be logged out.
- **Manage Products:** Add, Update and Delete Products.
- **Manage Customers:** View, Search and Delete Customers.
- **Manage Purchase:** View, Search and Delete Customers.



Change Password:

Here is the screenshot of password change.

Change Admin Password

Enter Details

Username	<input type="text"/>
Enter Old Password	<input type="password"/>
Enter New Password	<input type="password"/>
<input type="button" value="Change Password"/>	

Manage Products:

The screenshot shows a web-based application for managing products. At the top right is a "Back to Dashboard" button. Below it is a section titled "Add Product" containing four input fields: "Manufacture Company Name" (Simplilearn), "Product Name" (FSD), "Price" (5489.50), and "Product Category" (Trainer). A large blue "Add Product" button is at the bottom. To the right is a "Product List" table with columns: Id, Company Name, Product name, Price, Category, and Actions (containing Update and Delete buttons). The table has three rows of data.

Id	Company Name	Product name	Price	Category	Actions
14115	Puma	PTrain	8654.25	Trainer	<button>Update</button> <button>Delete</button>
29099	NewBalance	NBRUn	5000.0	Running	<button>Update</button> <button>Delete</button>
35936	Reebok	RFooty	5000.0	Football boot	<button>Update</button> <button>Delete</button>

Add Products:

This screenshot shows the "Add Product" form with all fields populated: "Manufacture Company Name" (Simplilearn), "Product Name" (FSD), "Price" (5489.50), and "Product Category" (Trainer). The "Add Product" button is highlighted in blue at the bottom.

If user clicks on Add products after entering all fields product will be added.

The screenshot shows the application after a new product has been added. The "Product Added successfully" message is displayed above the "Product List" table. The table now includes a fourth row with the new product: Id 35936, Company Name Reebok, Product name RFooty, Price 5000.0, Category Football boot, and Actions (Update, Delete).

Id	Company Name	Product name	Price	Category	Actions
14115	Puma	PTrain	8654.25	Trainer	<button>Update</button> <button>Delete</button>
29099	NewBalance	NBRUn	5000.0	Running	<button>Update</button> <button>Delete</button>
35936	Reebok	RFooty	5000.0	Football boot	<button>Update</button> <button>Delete</button>

Product List					
Product Added successfully					
Id	Company Name	Product name	Price	Category	Actions
14115	Puma	PTrain	8654.25	Trainer	<button>Update</button> <button>Delete</button>
29099	NewBalance	NBRun	5000.0	Running	<button>Update</button> <button>Delete</button>
35936	Reebok	RFooty	5000.0	Football boot	<button>Update</button> <button>Delete</button>
59363	Under Armour	UAClimb	4863.52	Climbing	<button>Update</button> <button>Delete</button>
66390	Scketchers	SRun	5000.0	Running	<button>Update</button> <button>Delete</button>
73011	Brooks	BBasketBall	7595.69	Basket Ball	<button>Update</button> <button>Delete</button>
75663	Nike	NClimb	4565.2	Climbing	<button>Update</button> <button>Delete</button>
79497	Simplilearn	FSD	5489.5	Trainer	<button>Update</button> <button>Delete</button>

Update product:

A new page will be opened to enter details.

Update Product

Product Id	
Manufacture Company Name	Simplilearn
Product Name	<u>MasterFSD</u>
Price	5489.5
Product Category	Trainer
<input style="background-color: #007bff; color: white; border: none; padding: 5px; width: 100%;" type="button" value="Add Product"/>	

Product List					
Product Updated successfully					
Id	Company Name	Product name	Price	Category	Actions
14115	Puma	PTrain	8654.25	Trainer	<button>Update</button> <button>Delete</button>
29099	NewBalance	NBRun	5000.0	Running	<button>Update</button> <button>Delete</button>
35936	Reebok	RFooty	5000.0	Football boot	<button>Update</button> <button>Delete</button>
59363	Under Armour	UAClimb	4863.52	Climbing	<button>Update</button> <button>Delete</button>
66390	Scketchers	SRun	5000.0	Running	<button>Update</button> <button>Delete</button>
73011	Brooks	BBasketBall	7595.69	Basket Ball	<button>Update</button> <button>Delete</button>
75663	Nike	NCLimb	4565.2	Climbing	<button>Update</button> <button>Delete</button>
79497	Simplilearn	MasterFSD	5489.5	Trainer	<button>Update</button> <button>Delete</button>

Delete Product:

Add Product					
Manufacture Company Name	Company Name				
Product Name	Product name				
Price	0.0				
Product Category	Category				
<button>Add Product</button>					

Product List					
Product Deleted Successfully					
Id	Company Name	Product name	Price	Category	Actions
29099	NewBalance	NBRun	5000.0	Running	<button>Update</button> <button>Delete</button>
35936	Reebok	RFooty	5000.0	Football boot	<button>Update</button> <button>Delete</button>
59363	Under Armour	UAClimb	4863.52	Climbing	<button>Update</button> <button>Delete</button>

Manage Customer:

The screenshot shows a web-based application for managing customer data. At the top left is a search bar labeled "Search customer" with a blue "Search Customer" button next to it. On the top right is a blue "Back to Dashboard" button. Below the header is a section titled "Customer List". A table displays six customer entries, each with columns for Email, Name, Contact, and Actions. The "Actions" column contains two buttons: "Delete" (red) and "View Customer orders" (blue). The data in the table is as follows:

Email	Name	Contact	Actions
a@mail.com	Auntik	7654574624	Delete View Customer orders
j@mail.com	Justin	495465677	Delete View Customer orders
john@mail.com	John	9876543210	Delete View Customer orders
l@mail.com	Laura	7654574624	Delete View Customer orders
olga@gmail.com	Olga	967654875	Delete View Customer orders
t@mail.com	Tricia	123456789	Delete View Customer orders

Search Customer:

Admin can enter any keyword to search, if nothing found prompt is displayed.

The screenshot shows a search results page for customers. At the top left is a search bar labeled "Search customer" with a blue "Search Customer" button next to it. On the top right is a blue "Back to Dashboard" button. Below the header is a section titled "Customer List". A message "No Customer found" is displayed. A table below shows two entries, each with columns for Email, Name, Contact, and Actions. The "Actions" column contains two buttons: "Delete" (red) and "View Customer orders" (blue). The data in the table is as follows:

Email	Name	Contact	Actions
a@mail.com	Auntik	7654574624	Delete View Customer orders
j@mail.com	Justin	495465677	Delete View Customer orders

Assume Admin entered “t” and If customers found matching with keyword.

The screenshot shows a search results page for customers. At the top right is a blue "Back to Manage Customer" button. Below the header is a section titled "Customer List". A table displays three customer entries, each with columns for Email, Name, Contact, and Actions. The "Actions" column contains two buttons: "Delete" (red) and "View Customer orders" (blue). The data in the table is as follows:

Email	Name	Contact	Actions
a@mail.com	Auntik	7654574624	Delete View Customer orders
j@mail.com	Justin	495465677	Delete View Customer orders
t@mail.com	Tricia	123456789	Delete View Customer orders

Delete Customer:

Customer is only deleted if Customer doesn't have any active orders.

Search customer		Search Customer	Back to Dashboard
Customer List			
User can't be deleted until their orders are deleted			
Email	Name	Contact	Actions
a@mail.com	Auntik	7654574624	<button>Delete</button> <button>View Customer orders</button>
j@mail.com	Justin	495465677	<button>Delete</button> <button>View Customer orders</button>
john@mail.com	John	9876543210	<button>Delete</button> <button>View Customer orders</button>
l@mail.com	Laura	7654574624	<button>Delete</button> <button>View Customer orders</button>
olga@gmail.com	Olga	967654875	<button>Delete</button> <button>View Customer orders</button>
t@mail.com	Tricia	123456789	<button>Delete</button> <button>View Customer orders</button>

Customer is only deleted if the customer doesn't have any Active Orders.

Search customer		Search Customer	Back to Dashboard
Customer List			
Customer Deleted Successfully			
Email	Name	Contact	Actions
j@mail.com	Justin	495465677	<button>Delete</button> <button>View Customer orders</button>
john@mail.com	John	9876543210	<button>Delete</button> <button>View Customer orders</button>
l@mail.com	Laura	7654574624	<button>Delete</button> <button>View Customer orders</button>
olga@gmail.com	Olga	967654875	<button>Delete</button> <button>View Customer orders</button>
t@mail.com	Tricia	123456789	<button>Delete</button> <button>View Customer orders</button>

View Customer Orders:

Customers can view their currently active orders by clicking on "View Customer Orders".

Active Orders of customer								
Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name	
219094	35936	2021-07-14	0.0	1	5000.0	l@mail.com	Laura	
658478	35936	2021-07-12	11.0	1	5000.0	l@mail.com	Laura	
897126	35936	2021-07-14	0.0	2	10000.0	l@mail.com	Laura	

Manage Purchase:

Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name	Actions
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John	<input type="button" value="Delete"/>
219094	35936	2021-07-14	0.0	1	5000.0	l@mail.com	Laura	<input type="button" value="Delete"/>
658478	35936	2021-07-12	11.0	1	5000.0	l@mail.com	Laura	<input type="button" value="Delete"/>
756844	66390	2021-06-25	8.0	2	5000.0	t@mail.com	Tricia	<input type="button" value="Delete"/>
801153	66390	2021-07-15	0.0	2	10000.0	john@mail.com	John	<input type="button" value="Delete"/>
897126	35936	2021-07-14	0.0	2	10000.0	l@mail.com	Laura	<input type="button" value="Delete"/>

Search Purchase By Data:

Admin can select Date to search purchase on certain dates.

If no purchases or orders found error is displayed.

Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name	Actions
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John	<input type="button" value="Delete"/>
219094	35936	2021-07-14	0.0	1	5000.0	l@mail.com	Laura	<input type="button" value="Delete"/>
658478	35936	2021-07-12	11.0	1	5000.0	l@mail.com	Laura	<input type="button" value="Delete"/>
756844	66390	2021-06-25	8.0	2	5000.0	t@mail.com	Tricia	<input type="button" value="Delete"/>

If any purchase found purchases or displayed.

Purchase List based on selected Date								
Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name	Actions
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John	<input type="button" value="Delete"/>
801153	66390	2021-07-15	0.0	2	10000.0	john@mail.com	John	<input type="button" value="Delete"/>

Search purchase by Product Category:

Purchases are displayed only if category of product matches with keyword. Else “Not found” prompt is displayed. Assume Admin entered keyword “run”.

Purchase List based on Entered Category							
Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name
756844	66390	2021-06-25	8.0	2	5000.0	t@mail.com	Tricia
801153	66390	2021-07-15	0.0	2	10000.0	john@mail.com	John

Delete Purchase:

If Admin clicks on any “Delete” button corresponding purchase is deleted

Purchase List									
Purchase Deleted Sucessfully									
Id	Product Id	Purchase Date	Size	Quantity	Total Cost	Ordered By	Customer Name	Actions	
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John	<button>Delete</button>	
658478	35936	2021-07-12	11.0	1	5000.0	l@mail.com	Laura	<button>Delete</button>	
756844	66390	2021-06-25	8.0	2	5000.0	t@mail.com	Tricia	<button>Delete</button>	
801153	66390	2021-07-15	0.0	2	10000.0	john@mail.com	John	<button>Delete</button>	
897126	35936	2021-07-14	0.0	2	10000.0	l@mail.com	Laura	<button>Delete</button>	

Conclusion:

By this I hope, I gave a presentation for all the operations. Code for application is given in links at the start of the documents. Execute for clear understanding.

Thank You