

# Sporty Shoes

Simplilearn 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 Name   PTrain Price   8654.25 Category   Trainer <a href="#">Add to Cart</a>	 Company   NewBalance Name   NBRUn Price   5000.0 Category   Running <a href="#">Add to Cart</a>	 Company   Reebok Name   RFooty Price   5000.0 Category   Football boot <a href="#">Add to Cart</a>	 Company   Under Armour Name   UAClimb Price   4863.52 Category   Climbing <a href="#">Add to Cart</a>

**Login or Register to start shopping**

First we will look into Customer interactions:

## 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**

← → ⌂ localhost:8090/saveCustomer Apps Reading list

Email pattern doesn't match

**Sporty shoes**

**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

Logout | View Cart | View Active Orders ↑ Customer Related Options

**Shop from below**

Company: NewBalance Name: NBRUN Price: 5000.0 Category: Running <a href="#">Add to Cart</a>	Company: Reebok Name: RFooty Price: 5000.0 Category: Football boot <a href="#">Add to Cart</a>	Company: Under Armour Name: UAClimb Price: 4863.52 Category: Climbing <a href="#">Add to Cart</a>	Company: Scketchers Name: SRun Price: 5000.0 Category: Running <a href="#">Add to Cart</a>
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## 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 web page with a header containing a search bar, a 'Search by Products' button, and three navigation buttons: 'Logout', 'View Cart', and 'View Active Orders'. Below the header, it says 'Welcome John'. The main content area is titled 'Shop from below' and features four product cards, each with a shoe image and a table of 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 a browser window with the title 'Sporty Shoes' and the URL 'localhost:8090'. It displays the same header and 'Welcome John' message as the previous screenshot. The 'Shop from below' section is present but contains a message 'No products currently in Cart'. The 'View Active Orders' section is also visible.

## 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   9654.25	Price   5000.0	Price   5000.0	Price   4863.52

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

Welcome John

### Shop from below

Company   NewBalance	Company   Sketchers
Name   NBRun	Name   SRun
Price   5000.0	Price   5000.0
Category   Running	Category   Running
<a href="#">Add to Cart</a>	

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.

Product	
Product Name	SRun
Price	5000.0
Product Category	Running
Required Size	size
Required Quantity	Quantity
<b>Add to cart</b>	

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

Welcome John

**Shop from below**

**Product added to cart**

	Company: NewBalance Name: NBRUN Price: 5000.0 Category: Running
<b>Add to Cart</b>	

	Company: Scketchers Name: SRun Price: 5000.0 Category: Running
<b>Add to Cart</b>	

**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:

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.

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

Welcome John

**Shop from below**

Products added to Customer Order List Successfully

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
<a href="#">Add to Cart</a>			

## View Active Orders:

The screenshot shows a web browser window titled "Sporty Shoes" with the URL "localhost:8090/viewOrders/john@mail.com". A "Back to Home Page" button is visible in the top right corner. The main content is titled "Currently Active Orders" and contains a table with two rows of data.

<b>Id</b>	<b>Product Id</b>	<b>Purchase Date</b>	<b>Size</b>	<b>Quantity</b>	<b>Total Cost</b>	<b>Ordered By</b>	<b>Customer Name</b>
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.

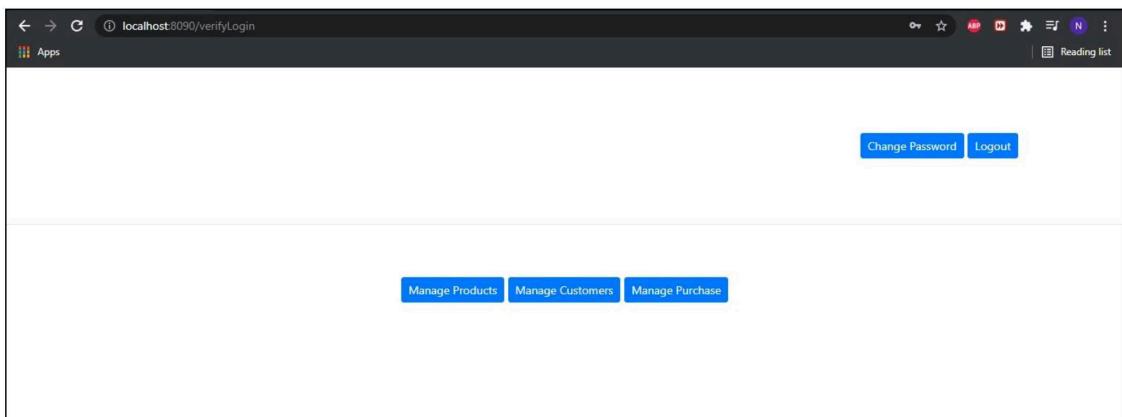
The screenshot shows a web browser window titled "Sporty Shoes" with the URL "localhost:8090/adminLogin". The main content is titled "Admin Login" and contains a form with the heading "Enter Details". It includes two input fields labeled "Username" and "Password", and a blue "Log In" button below them.

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

If Admin enter username or password wrong Error message is displayed

The image shows a screenshot of an 'Admin Login' form. At the top left is the title 'Admin Login'. Below it is a section titled 'Enter Details' containing two input fields: 'Username' and 'Password'. A blue button labeled 'Log In' is positioned below the password field. To the right of the input fields, a red-bordered box contains 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:

Admin needs to enter old(existing) and new(fresh) password to change password.

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

If Admin enter old password wrong. It shows error and change password is not success.

Old Password not matching

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

Password is changed only when user enter all fields correct.

Password changed Successfully

[Manage Products](#) [Manage Customers](#) [Manage Purchase](#)

## Manage Products:

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

<b>Id</b>	<b>Company Name</b>	<b>Product name</b>	<b>Price</b>	<b>Category</b>	<b>Actions</b>
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 is a simplified version of the "Add Product" form shown above. It has four input fields: "Manufacture Company Name" (Simplilearn), "Product Name" (FSD), "Price" (5489.50), and "Product Category" (Trainer). A teal "Add Product" button is at the bottom.

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

[Back to Dashboard](#)

### Add Product

Manufacture Company Name	Company Name
Product Name	Product name
Price	Price
Product Category	Category
<a href="#">Add Product</a>	

### Product List

Product Added successfully

ID	Company Name	Product name	Price	Category	Actions
14115	Puma	PTrain	8654.25	Trainer	<a href="#">Update</a> <a href="#">Delete</a>
29099	NewBalance	NBRun	5000.0	Running	<a href="#">Update</a> <a href="#">Delete</a>
35936	Reebok	RFooty	5000.0	Football boot	<a href="#">Update</a> <a href="#">Delete</a>

### Product List

Product Added successfully

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

### Update product:

A new page will be opened to enter details.

### Update Product

Product Id	
Manufacture Company Name	Simplilearn
Product Name	MasterFSD
Price	5489.5
Product Category	Trainer
<a href="#">Add Product</a>	

<b>Product List</b>					
Product Updated successfully					
<b>Id</b>	<b>Company Name</b>	<b>Product name</b>	<b>Price</b>	<b>Category</b>	<b>Actions</b>
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:

<b>Add Product</b>					
Back to Dashboard					
<b>Product List</b>					
Product Deleted Succesfully					
<b>Id</b>	<b>Company Name</b>	<b>Product name</b>	<b>Price</b>	<b>Category</b>	<b>Actions</b>
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:

Search Customer
Back to Dashboard

### Customer List

Email	Name	Contact	Actions	
a@mail.com	Auntik	7654574624	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
j@mail.com	Justin	495465677	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
john@mail.com	John	9876543210	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
l@mail.com	Laura	7654574624	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
olga@gmail.com	Olga	967654875	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
t@mail.com	Tricia	123456789	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>

## Search Customer:

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

Search Customer
Back to Dashboard

### Customer List

No Customer found

Email	Name	Contact	Actions	
a@mail.com	Auntik	7654574624	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
j@mail.com	Justin	495465677	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>

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

Back to Manage Customer

### Customer List

Email	Name	Contact	Actions	
a@mail.com	Auntik	7654574624	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
j@mail.com	Justin	495465677	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>
t@mail.com	Tricia	123456789	<span style="background-color: red; color: white; padding: 2px 5px; border-radius: 5px;">Delete</span>	<span style="background-color: #007bff; color: white; padding: 2px 5px; border-radius: 5px;">View Customer orders</span>

## Delete Customer:

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

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.

Customer List			
Customer Deleted Sucessfully			
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:

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

## Search Purchase By Data:

Admin can select Date to search purchase on certain dates.

If no purchases or orders found error is displayed.

Purchase List									<a href="#">Back to Dashboard</a>
No purchases on the selected date									
<b>Id</b>	<b>Product Id</b>	<b>Purchase Date</b>	<b>Size</b>	<b>Quantity</b>	<b>Total Cost</b>	<b>Ordered By</b>	<b>Customer Name</b>	<b>Actions</b>	
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John	<a href="#">Delete</a>	
219094	35936	2021-07-14	0.0	1	5000.0	l@mail.com	Laura	<a href="#">Delete</a>	
658478	35936	2021-07-12	11.0	1	5000.0	l@mail.com	Laura	<a href="#">Delete</a>	
756844	66390	2021-06-25	8.0	2	5000.0	t@mail.com	Tricia	<a href="#">Delete</a>	

If any purchase found purchases or displayed.

Purchase List based on selected Date									<a href="#">Back to Manage Purchase</a>
No purchases on the selected date									
<b>Id</b>	<b>Product Id</b>	<b>Purchase Date</b>	<b>Size</b>	<b>Quantity</b>	<b>Total Cost</b>	<b>Ordered By</b>	<b>Customer Name</b>	<b>Actions</b>	
193143	59363	2021-07-15	0.0	1	4863.52	john@mail.com	John	<a href="#">Delete</a>	
801153	66390	2021-07-15	0.0	2	10000.0	john@mail.com	John	<a href="#">Delete</a>	

## 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							
<a href="#">Id</a>	<a href="#">Product Id</a>	<a href="#">Purchase Date</a>	<a href="#">Size</a>	<a href="#">Quantity</a>	<a href="#">Total Cost</a>	<a href="#">Ordered By</a>	<a href="#">Customer Name</a>
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 Successfully								
<a href="#">Id</a>	<a href="#">Product Id</a>	<a href="#">Purchase Date</a>	<a href="#">Size</a>	<a href="#">Quantity</a>	<a href="#">Total Cost</a>	<a href="#">Ordered By</a>	<a href="#">Customer Name</a>	<a href="#">Actions</a>
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**