Testing
TASK 7

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Subject: Internet Application Development(IAD)

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Customer Functionalities

These are the existing customers.

Enter your SQL query or T-SQL batch. It will be executed on database: SupplyChain

```
SELECT * FROM CUSTOMER_T
```

EXECUT

Set 1. Total rows: 7

CUSTOMER_ID	CUSTOMER_NAME	CUSTOMER_CONTACT	CUSTOMER_EMAIL	CUSTOMER_CITY	CUSTOMER_STATE	CUSTOMER_POSTALCODE	CUSTOMER_STREET_ADDRESS	CUSTOMER_STATUS
101	John Doe	9876543210	john.doe@gmail.com	New York	New York	10001	123 Elm St	ACTIVE
102	Jane Smith	8765432109	jane.smith@gmail.com	Los Angeles	California	90001	456 Maple Ave	ACTIVE
103	Michael Brown	7654321098	michael.brown@yahoo.com	Chicago	Illinois	60601	789 Oak Blvd	INACTIVE
104	Emily Johnson	6543210987	emily.j@outlook.com	Houston	Texas	77001	321 Pine St	ACTIVE
105	David Lee	5432109876	david.lee@gmail.com	San Francisco	California	94101	567 Cedar Rd	ACTIVE
110	Nida Pervaiz	03406916510	nidapervaiz@gmail.com	Islamabad	Jaranwala	44000	Nilore, Islamabad	Active
111	Afsah Pervaiz	03406916510	afsah@gmail.com	Jaranwala	Jaranwala	44000	Nilore, Islamabad	Active

Tried to register with the existing email, but got error that this email already exist. Also i have placed checks on field that you enter the right data only such as email format check, mobile number should be 11 digits only and other field checks also.

Supply Chain Mana

Home | Catalog

Customer Registration

This email address is already registered! Please login!

After registration you will be redirected to login page. So login from there with your set password and username.

First Name: Afsah Pervaiz
Last Name: Pervaiz
Email: afsah@gmail.com
City: Islamabad
State: Jaranwala
Postal Code: 44000
Street Address: Nilore, Islamabad
Contact Number: 03406916510
Password:
Confirm Password:
Register

Sup

Welcome to CORE LOGIX!

It is a supply chain management company. It allows users to manage orders, track sh

SELECT ROLE

I'm a Customer:
Sign In   Sign Up

I'm an Admin:
Admin Login

Username: Afsah Pervaiz
Password: ●●●●●●●●●●●●●
Login

New Here?

After signing up, you will be **automatically redirected** to the sign-in page.
Use your **User Name** and **password** to log in and get started!

Now log in with the exiting user name Afsah Pervaiz.

Username: Afsah Pervaiz

Password: ●●●●●●●●●●●●●

Login

New Here?

After signing up, you will be **automatically redirected** to the sign-in page.
Use your **User Name** and **password** to log in and get started!

Supply Chain Management System

Home | Catalog | ContactUs

Place Order | Track Order | Cancel Order | My Orders

These are the functionalities of a registered user. Home, Catalog and Contact Us is for all users.

Now i placed an order

Place Order

Enter Your Username to show other fields!

Enter Customer Name: afsah pervaiz

Check Customer

Product List: Gaming Mouse

Quantity: 15

Payment Method:
- Cash on Delivery
- Card Payment

Place Order

Order placed successfully! Thank you for shopping with us.

Order Number: 120
Product: Gaming Mouse
Quantity: 15
Total Price: $599.85

Now i checked My Orders

Home | Catalo

Place Order | Track Order |

Your Orders

Order ID	Order Date	Customer Name	Payment Method	Products (Name, Qty, Price)
120	2025-05-21	Afsah Pervaiz	CASH	Gaming Mouse - Qty: 15, Price: $39.99
119	2025-05-15	Afsah Pervaiz	CASH	Wireless Mouse - Qty: 11, Price: $29.99

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Web hosting b

Now i canceled the order. You can cancel only those orders that are associated with you

Cancel Order

Enter Order ID to Cancel: `120`

[Cancel Order]

Order ID 120 has been canceled successfully.

Place Order | Track Order

Your Orders

Order ID	Order Date	Customer Name	Payment Method	Products (Name, Qty, Price)
119	2025-05-15	Afsah Pervaiz	CASH	Wireless Mouse - Qty: 11, Price: $29.99

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Place Order

Cancel Order

Enter Order ID to Cancel: `101`

[Cancel Order]

No such orders OR You cannot cancel this order because it does not belong to you.

Order ID 120 has also been deleted from the Database.

Enter your SQL query or T-SQL batch. It will be executed on database: SupplyChain

```
SELECT * FROM ORDER_T
```

[EXECUTE T-SQL]

Set 1. Total rows: 5

ORDER_ID	ORDER_DATE	CUSTOMER_ID	PAYMENT_METHOD
103	12/3/2024 12:00:00 AM	103	CASH
105	12/5/2024 12:00:00 AM	105	DEBIT
112	5/6/2025 12:00:00 AM	101	CASH
114	5/15/2025 12:00:00 AM	101	CASH
119	5/15/2025 12:00:00 AM	111	CASH

Now i am tracking a random oder number. I have not placed a check here that you can only track you own order. Also this information only gets printed if available or added by the admin. Because i could not add it directly.

Track Your Order

Enter Order Number: 103

Track

Shipment Date: 12/4/2024
Estimated Delivery Date: 12/7/2024
Courier: DHL
Shipping Status: Delivered
Order Weight: 8 kg

Note for Evaluation Purposes:

You can track the order only after admin adds your order under the shipment sectio

For testing purposes, you can use the following order numbers:
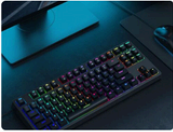
- 103
- 105

Viewing the catalog. It is a static HTML page, it does not change if more products are added. Because i wanted to add images and i didn't know how to do it on run time that if a new product is added to the data base it gets printed here with a new relevant image.

Available Products

These are products available. You can search for your product here.

| Wireless Keyboard - Wireless Ergonomic Keyboard - $49.99 | Mechanical Keyboard - Mechanical Gaming Keyboard - $69.99 | Wireless Mouse - Wireless Ergonomic Mouse- $29.99 | Gaming Mouse - RGB Gaming Mouse - $39.99 | USB Flash Drive- 32GB USB Flash Drive- $14.99 |

Contact US Page

Supply Chain Management System

Home | Catalog | ContactUs
Place Order | Track Order | Cancel Order | My Orders

Contact Us

Thank you for reaching out to CoreLogix. We are dedicated to providing you with the best support possible. Please use the contact details below to get in touch with us.

Email: CoreLogix@gmail.com
Phone Number: 0340 7898765

Admin Functionalities

Welcome to CORE LOGIX!

It is a supply chain management company. It allows users to manage orders

SELECT ROLE

I'm a Customer:
[Sign In] [Sign Up]

I'm an Admin:
[Admin Login]

Username: [adminuser]

Password: [••••••••]

[Login]

New Here?

After signing up, you will be **automatically redirected** to the sign-in page.
Use your **User Name** and **password** to log in and get started!

S

Products | S

View Products by Product Line

Select Product Line: [KeyCraze ⌄]

Add New Product Line

Product Line Name: [ErgonomicKeyboards] [Add Product Line]

Add New Product

Product Name: [KeyBoardMania]
Product Description: [An easy to use ergonon]
Manufacturing Cost: [30]
Selling Cost: [50]
Product Quantity: [10]
Warehouse ID: [2]
Product Line: [KeyCraze ⌄]
[Add Product]

Adding a new ProductLine.

Product line added successfully!

Adding a new Product.

View Products by Product Line

Select Product Line: KeyCraze

Add New Product Line

Product Line Name: ErgonomicKeyboards [Add Product Line]

Add New Product

Product Name: [   ]
Product Description: [   ]
Manufacturing Cost: [   ]
Selling Cost: [   ]
Product Quantity: [   ]
Warehouse ID: [   ]
Product Line: KeyCraze
[Add Product]

Product added successfully!

Supply Chai

Home

Products | Shipments | Add Wa

Add Shipment

Shipment ID: 5006
Order ID: 119
Shipment Date (yyyy-mm-dd): 05/15/2025
Estimated Delivery Date (yyyy-mm-dd): 05/30/2025
Shipping Courier: UPS
Shipping Status: Pending
Order Weight: 4
[Add Shipment]

Adding Shipments for the orders already placed.

Shipment List

Shipment ID	Order ID	Shipment Date	Estimated Delivery	Courier	Status	Weight
5003	103	12/4/2024	12/7/2024	DHL	Delivered	8
5005	105	12/6/2024	12/9/2024	FedEx	In Transit	20

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Add Shipment

Shipment added successfully!
Shipment ID: 5006
Order ID: 119
Shipment Date (yyyy-mm-dd): 05/15/2025
Estimated Delivery Date (yyyy-mm-dd): 05/30/2025
Shipping Courier: UPS
Shipping Status: Pending
Order Weight: 4
[Add Shipment]

Shipment List

Shipment ID	Order ID	Shipment Date	Estimated Delivery	Courier	Status	Weight
5003	103	12/4/2024	12/7/2024	DHL	Delivered	8
5005	105	12/6/2024	12/9/2024	FedEx	In Transit	20
5006	119	5/15/2025	5/30/2025	UPS	Pending	4

Add Warehouse

Warehouse ID: 4
Name: Philadelphia Warehouse
City: Philadelphia
Capacity: 7000
[Add Warehouse]

Warehouse List

ID	Name	City	Capacity
1	Central Warehouse	Los Angeles	5000
2	East Coast Warehouse	New York City	3000
3	West Coast Warehouse	San Francisco	4000

Adding Warehouse

Add Warehouse

Warehouse added successfully!
Warehouse ID: 4
Name: Philadelphia Warehouse
City: Philadelphia
Capacity: 7000
[Add Warehouse]

Warehouse List

ID	Name	City	Capacity
1	Central Warehouse	Los Angeles	5000
2	East Coast Warehouse	New York City	3000
3	West Coast Warehouse	San Francisco	4000
4	Philadelphia Warehouse	Philadelphia	7000

Nida Perva

Adding Supplier

Add Supplier

City is required!
Please enter a valid phone number (11 digits)!

Supplier ID: 2006
First Name: Michael
Last Name: Clark
Email: clark@gmail.com
City:
State: NewYork
Postal Code: 1235
Street Address: 102 St, New York
Contact Number: +189876534
[Add Supplier]

Supplier List

ID	First	Last	Email	City	State	Postal	Address	Contact
2001	Michael	Williams	michael.w@tech.com	San Francisco	California	94105	101 Tech St.	123-456-7890
2002	Linda	Johnson	linda.j@parts.com	Austin	Texas	73301	202 Precision Ave.	234-567-8901
2003	Robert	Davis	robert.d@electro.com	Chicago	Illinois	60607	303 Electro Rd.	345-678-9012
2005	Emma	Watson	emmawatson@company.com	Ardmore	Philadelphia	19003	Ardmore, Philadelphia	+13456789345

I have added checks on it. Only the correct data gets added.

Add Supplier

Supplier added successfully!

Supplier ID: 2006
First Name: Michael
Last Name: Clark
Email: clark@gmail.com
City: New York
State: NewYork
Postal Code: 1235
Street Address: 102 St, New York
Contact Number: 12345678923
[Add Supplier]

Supplier List

ID	First	Last	Email	City	State	Postal	Address	Contact
2001	Michael	Williams	michael.w@tech.com	San Francisco	California	94105	101 Tech St.	123-456-7890
2002	Linda	Johnson	linda.j@parts.com	Austin	Texas	73301	202 Precision Ave.	234-567-8901
2003	Robert	Davis	robert.d@electro.com	Chicago	Illinois	60607	303 Electro Rd.	345-678-9012
2005	Emma	Watson	emmawatson@company.com	Ardmore	Philadelphia	19003	Ardmore, Philadelphia	+13456789345
2006	Michael	Clark	clark@gmail.com	New York	NewYork	1235	102 St, New York	12345678923

Add Raw Material

Material ID: 7
Warehouse ID: 3
Material Name: Silicon Chip
Quantity: 10
Unit Price: 3.8
Supplier ID: 2003
Received Date: 05/16/2025

[Add Material]

Supply Chain M

Home | C

Products | Shipments | Add Warehouse

Add Raw Material

Material added successfully!
Material ID: 7
Warehouse ID: 3
Material Name: Silicon Chip
Quantity: 10
Unit Price: 3.8
Supplier ID: 2003
Received Date: 05/16/2025

[Add Material]

Raw Material List

ID	Warehouse	Name	Quantity	Unit Price	Supplier	Date
1	1	Flash Memory Chip	500.00	3.50	2001	2024-12-01
2	1	Transistor	2000.00	0.75	2002	2024-12-02
3	2	Plastic Keycaps	3000.00	0.50	2003	2024-12-03
4	3	Metal Plate	1000.00	2.00	2001	2024-12-04
5	2	PCB Board	1500.00	5.00	2002	2024-12-05
6	2	T	1.00	1.00	2003	2025-05-16
7	3	Silicon Chip	10.00	3.80	2003	2025-05-16

Product Usage of Raw Materials

Product ID	Product Name	Raw Material ID	Raw Material Name	Quantity Required
1	Wireless Keyboard	1	Flash Memory Chip	200
2	Mechanical Keyboard	3	Plastic Keycaps	500
3	USB Flash Drive	1	Flash Memory Chip	100
4	Wireless Mouse	2	Transistor	150
5	Gaming Mouse	4	Metal Plate	300

System Reports

I have the report of Top Customers and Top Suppliers.

Supply Chain Manag

System Reports

Top Customer (by Total Products Ordered)

Customer ID	Name	Total Orders
101	John Doe	2

Top Supplier (by Total Deal Value)

Supplier ID	Name	Total Deal Value
2002	Linda Johnson	9000.00

END