BAD Final Project
DDL & Documentation
Java integrated with MySql

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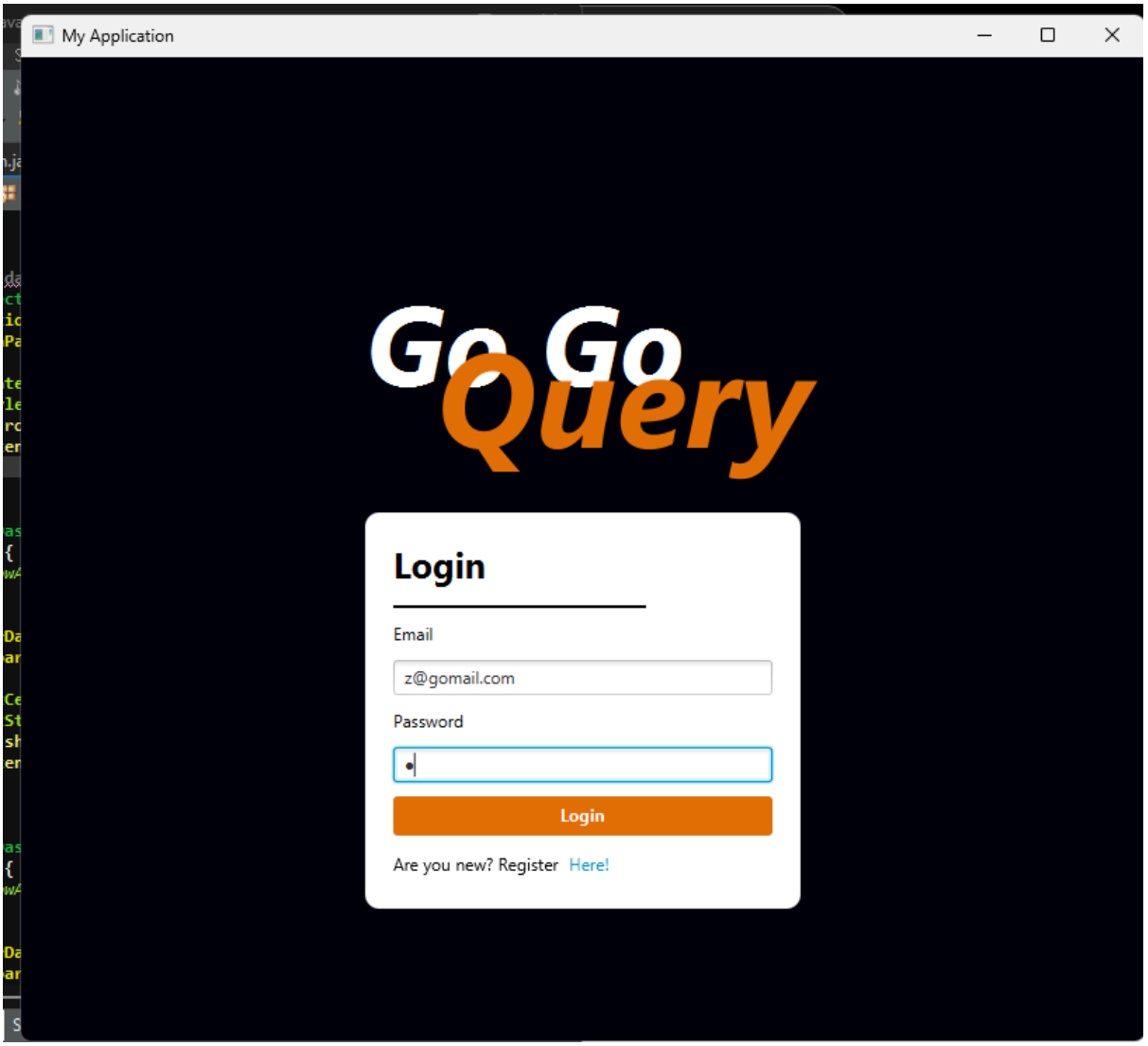
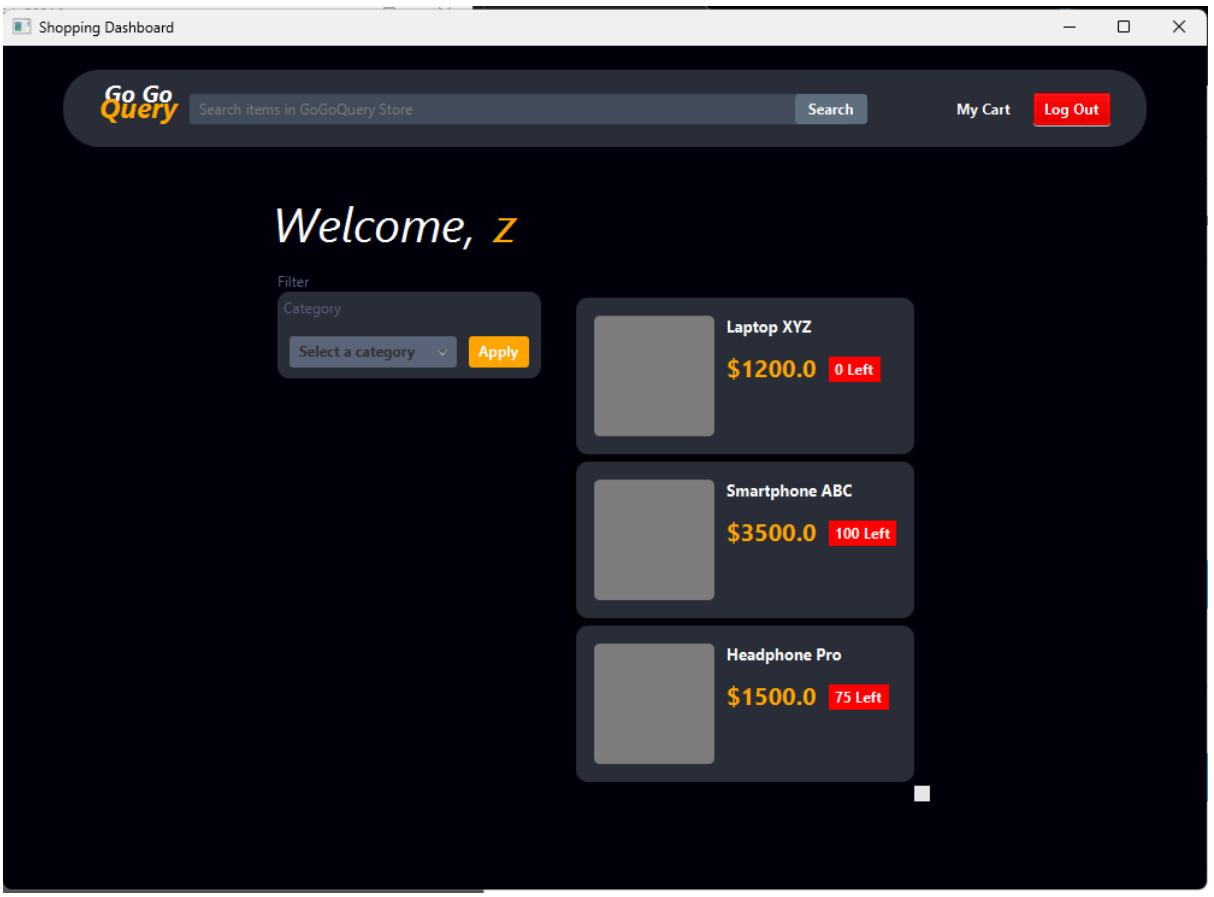
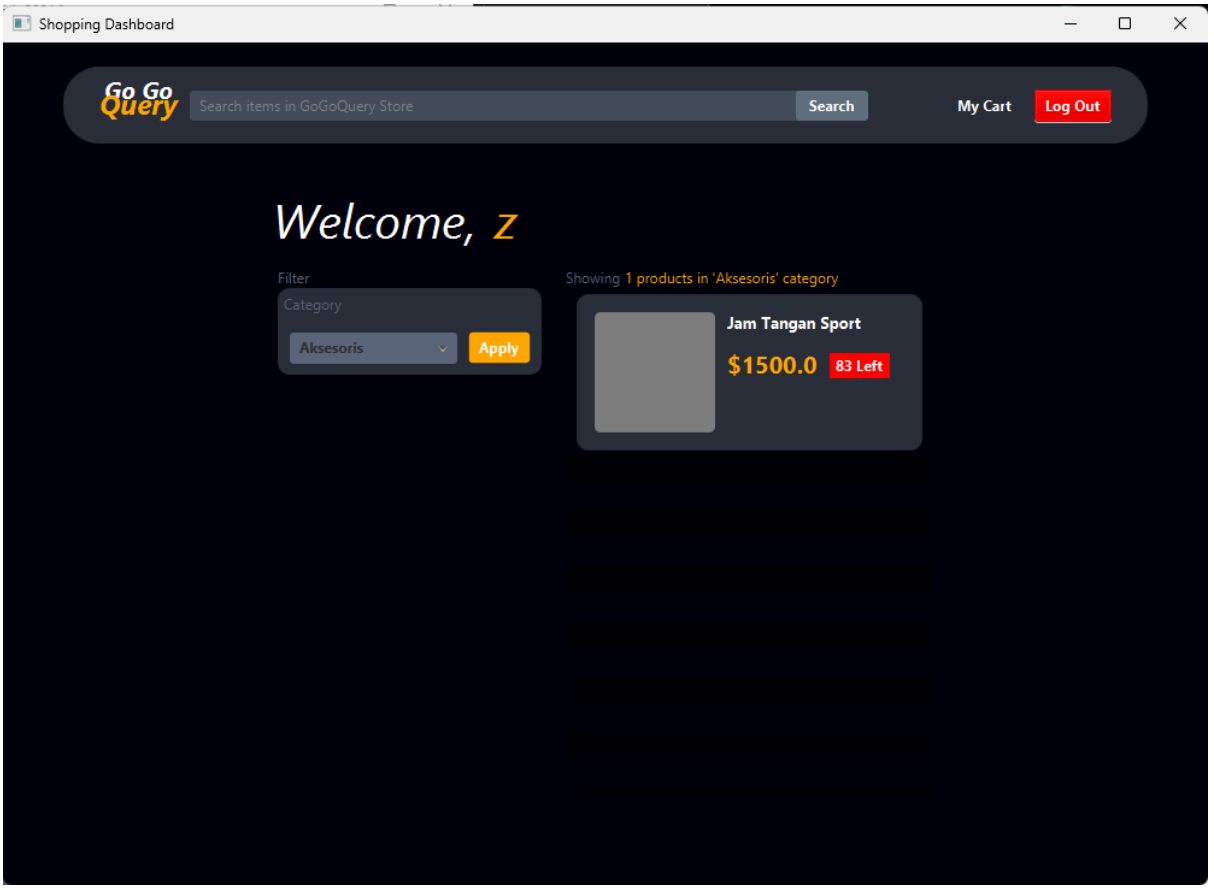
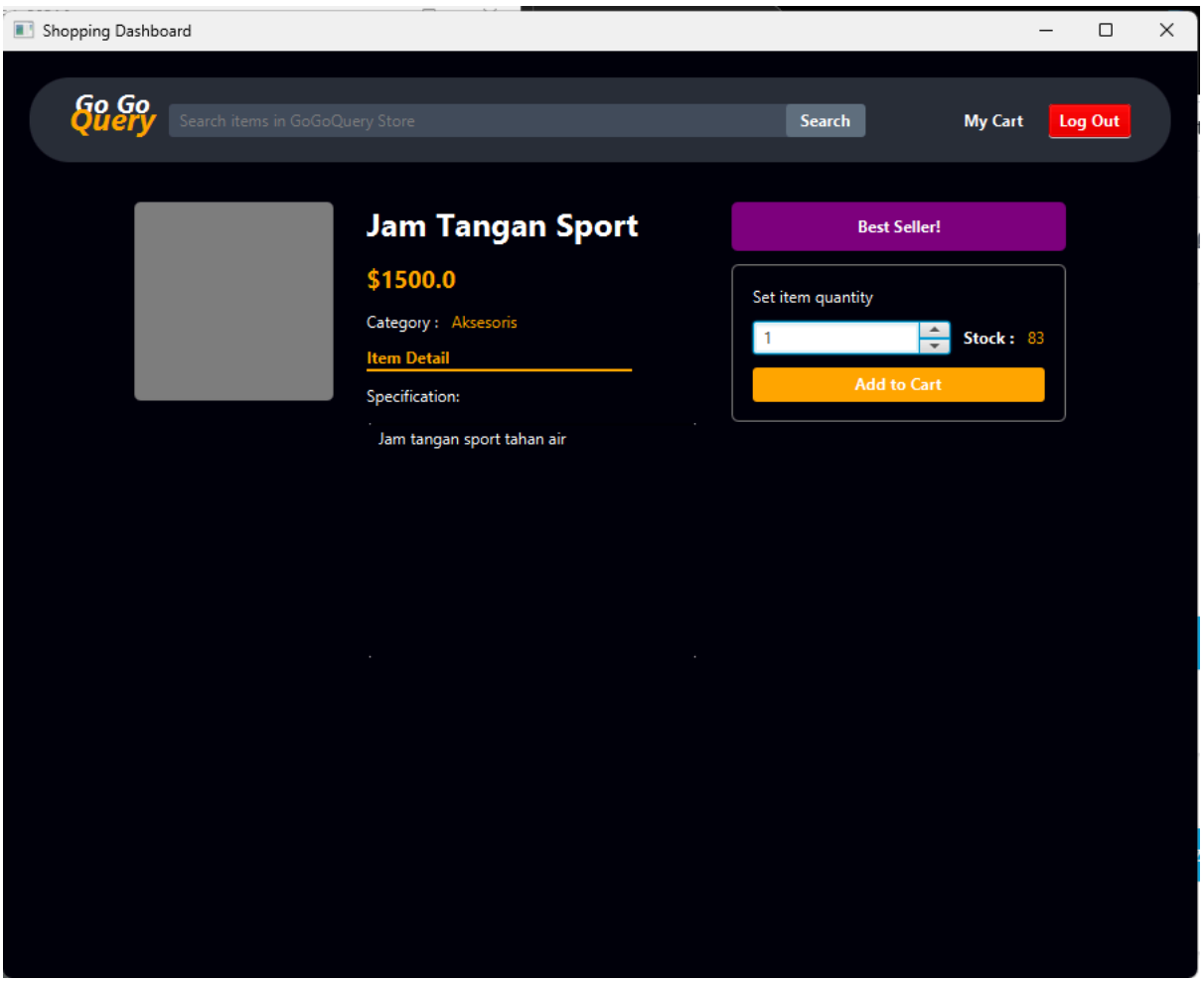
```sql
-- Tabel MsCart
CREATE TABLE MsCart (
  UserID INT NOT NULL,
  ItemID INT NOT NULL,
  Quantity INT NOT NULL,
  PRIMARY KEY (UserID, ItemID)
);

-- Tabel MsItem
CREATE TABLE MsItem (
  ItemID INT NOT NULL AUTO_INCREMENT,
  ItemName VARCHAR(255) NOT NULL,
  ItemPrice DOUBLE DEFAULT NULL,
  ItemDesc VARCHAR(255) NOT NULL,
  ItemCategory VARCHAR(255) NOT NULL,
  ItemQuantity INT NOT NULL,
  PRIMARY KEY (ItemID)
);

-- Menambahkan nilai ke tabel MsItem
INSERT INTO MsItem (ItemName, ItemPrice, ItemDesc, ItemCategory,
ItemStock)
VALUES
  ('Laptop XYZ', 1200.00, 'Laptop dengan spesifikasi tinggi',
'Elektronik', 50),
  ('Smartphone ABC', 3500.00, 'Smartphone dengan kamera 48 MP',
'Elektronik', 100),
  ('Headphone Pro', 150.00, 'Headphone dengan noise cancellation',
'Elektronik', 75),
  ('Meja Kerja', 750.00, 'Meja kerja kayu dengan ukuran sedang',
'Furniture', 30),
```

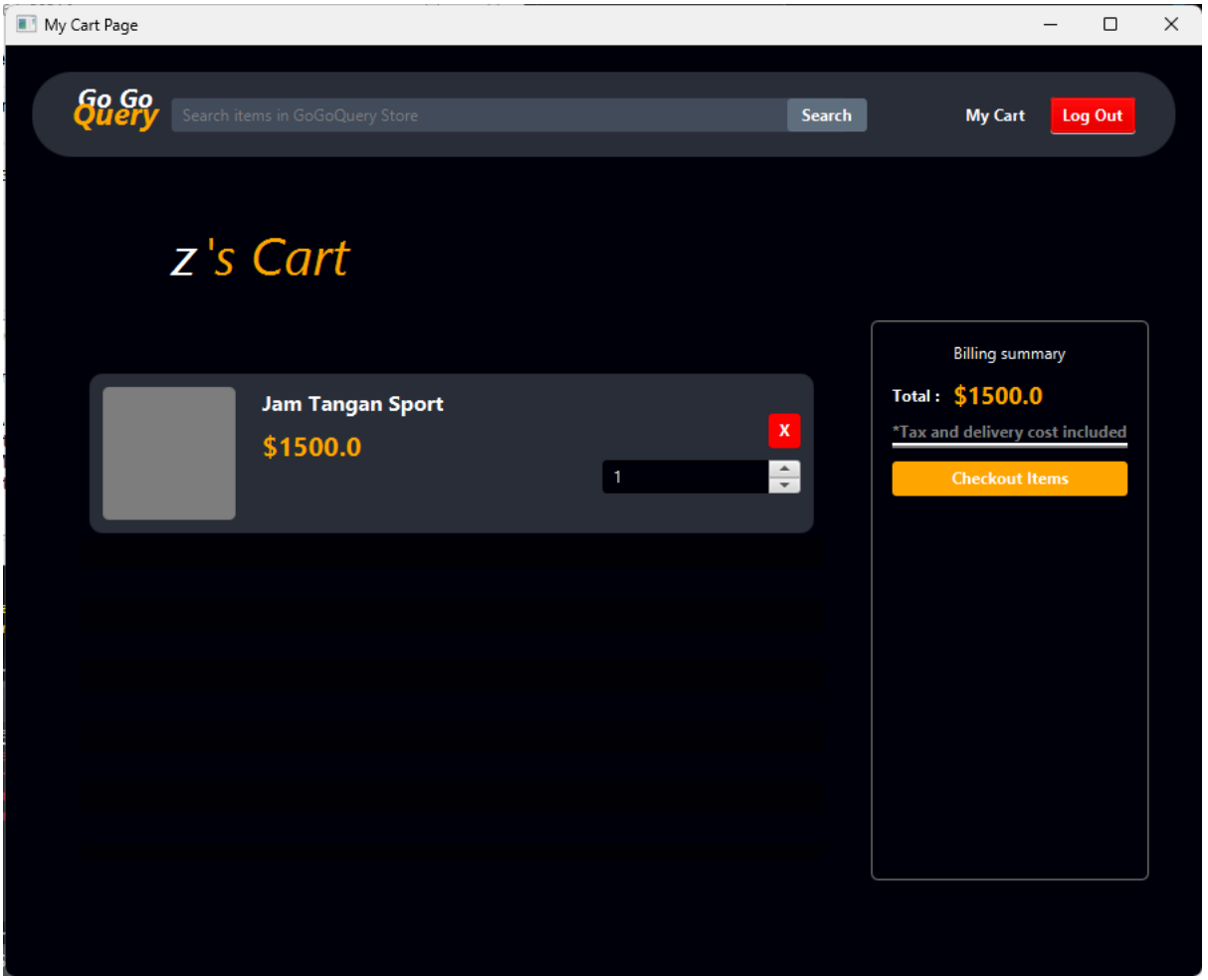
```
  ('Kursi Gaming', 200.00, 'Kursi gaming ergonomis', 'Furniture', 20),
  ('Jam Tangan Sport', 1500.00, 'Jam tangan sport tahan air',
'Aksesoris', 10);

-- Tabel MsUser
CREATE TABLE MsUser (
  UserID INT NOT NULL AUTO_INCREMENT,
  UserDOB DATE NOT NULL,
  UserEmail VARCHAR(255) NOT NULL,
  UserPassword VARCHAR(255) NOT NULL,
  UserGender VARCHAR(10) DEFAULT NULL,
  UserRole VARCHAR(20) DEFAULT NULL,
  PRIMARY KEY (UserID)
);

-- Tabel TransactionHeader
CREATE TABLE TransactionHeader (
  TransactionID INT NOT NULL AUTO_INCREMENT,
  UserID INT NOT NULL,
  DateCreated DATE NOT NULL,
  Status VARCHAR(255) NOT NULL,
  PRIMARY KEY (TransactionID),
  FOREIGN KEY (UserID) REFERENCES MsUser(UserID)
);

-- Tabel TransactionDetail
CREATE TABLE TransactionDetail (
  TransactionID INT NOT NULL,
  ItemID INT NOT NULL,
  Quantity INT NOT NULL,
  PRIMARY KEY (TransactionID, ItemID),
  FOREIGN KEY (TransactionID) REFERENCES
TransactionHeader(TransactionID),
  FOREIGN KEY (ItemID) REFERENCES MsItem(ItemID)
);
```

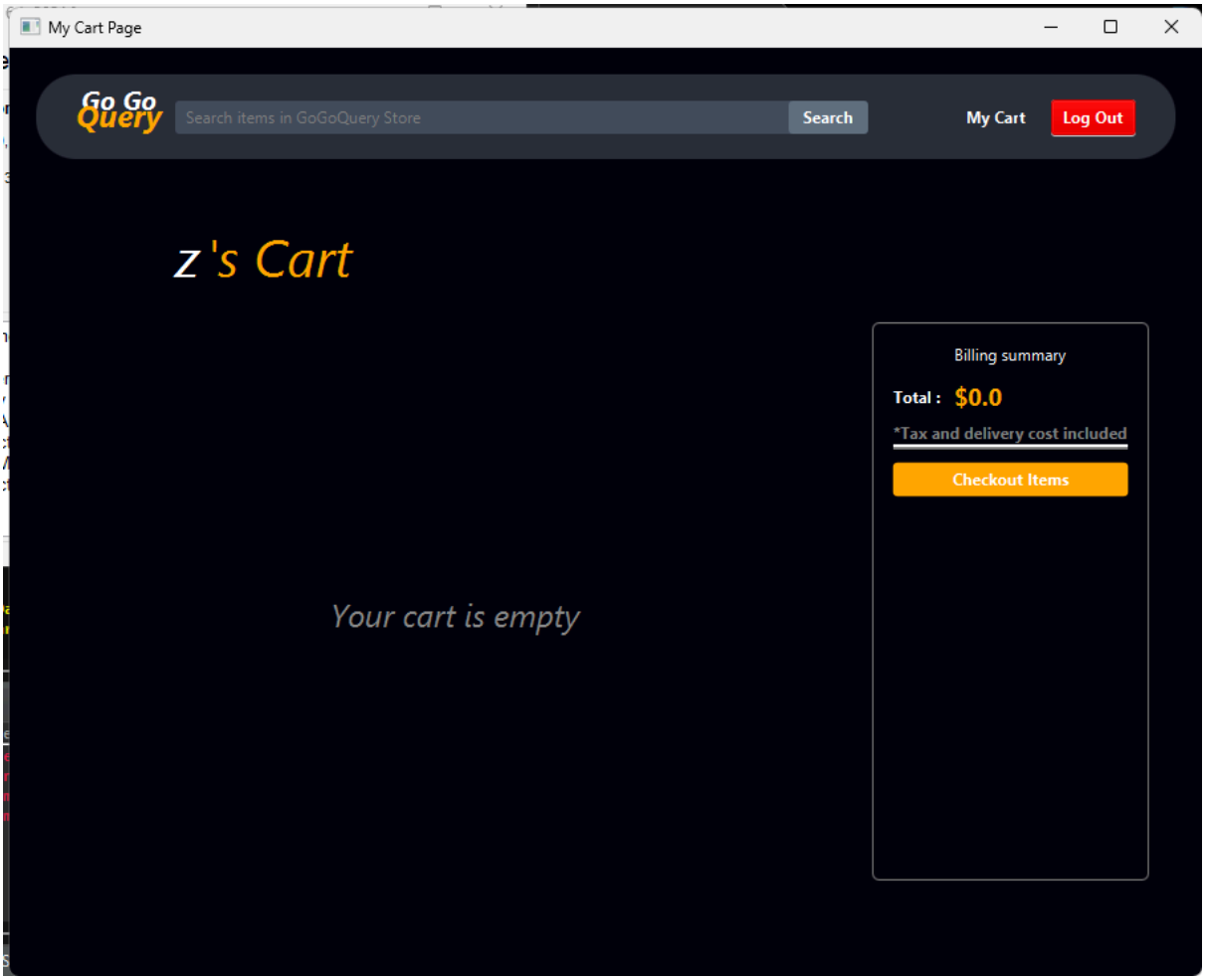

My Application
Go Go
Query
Login
Email
z@gomail.com
Password
Login
Are you new? Register Here!

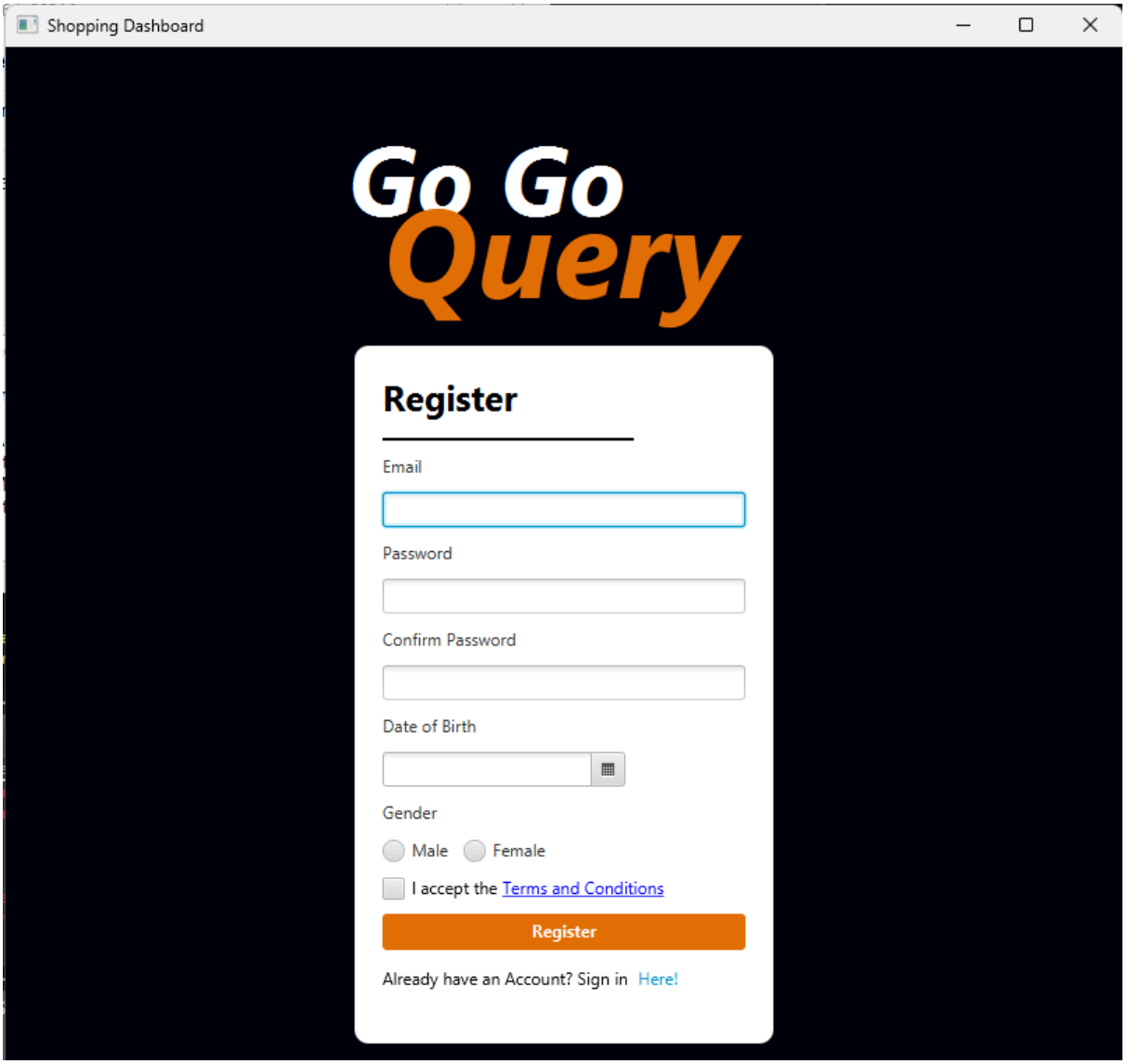

Shopping Dashboard
Go Go Query
Search items in GoGoQuery Store
Search
My Cart
Log Out
Welcome, z
Filter
Category
Select a category
Apply
Laptop XYZ
$1200.0
0 Left
Smartphone ABC
$3500.0
100 Left
Headphone Pro
$1500.0
75 Left

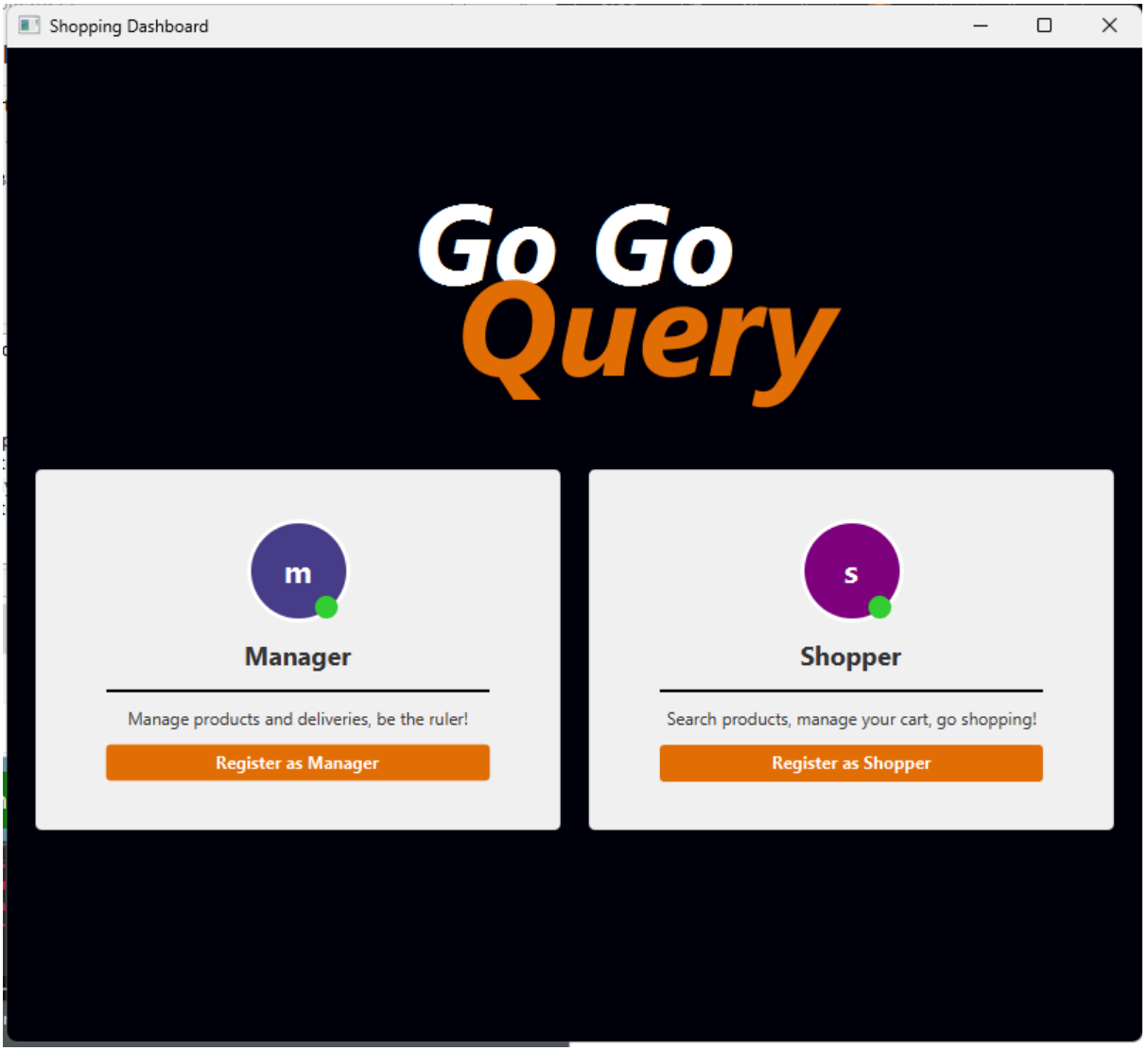

Shopping Dashboard
Go Go Query
Search items in GoGoQuery Store
Search
My Cart
Log Out
Welcome, z
Filter
Category
Aksesoris
Apply
Showing 1 products in 'Aksesoris' category
Jam Tangan Sport
$1500.0
83 Left

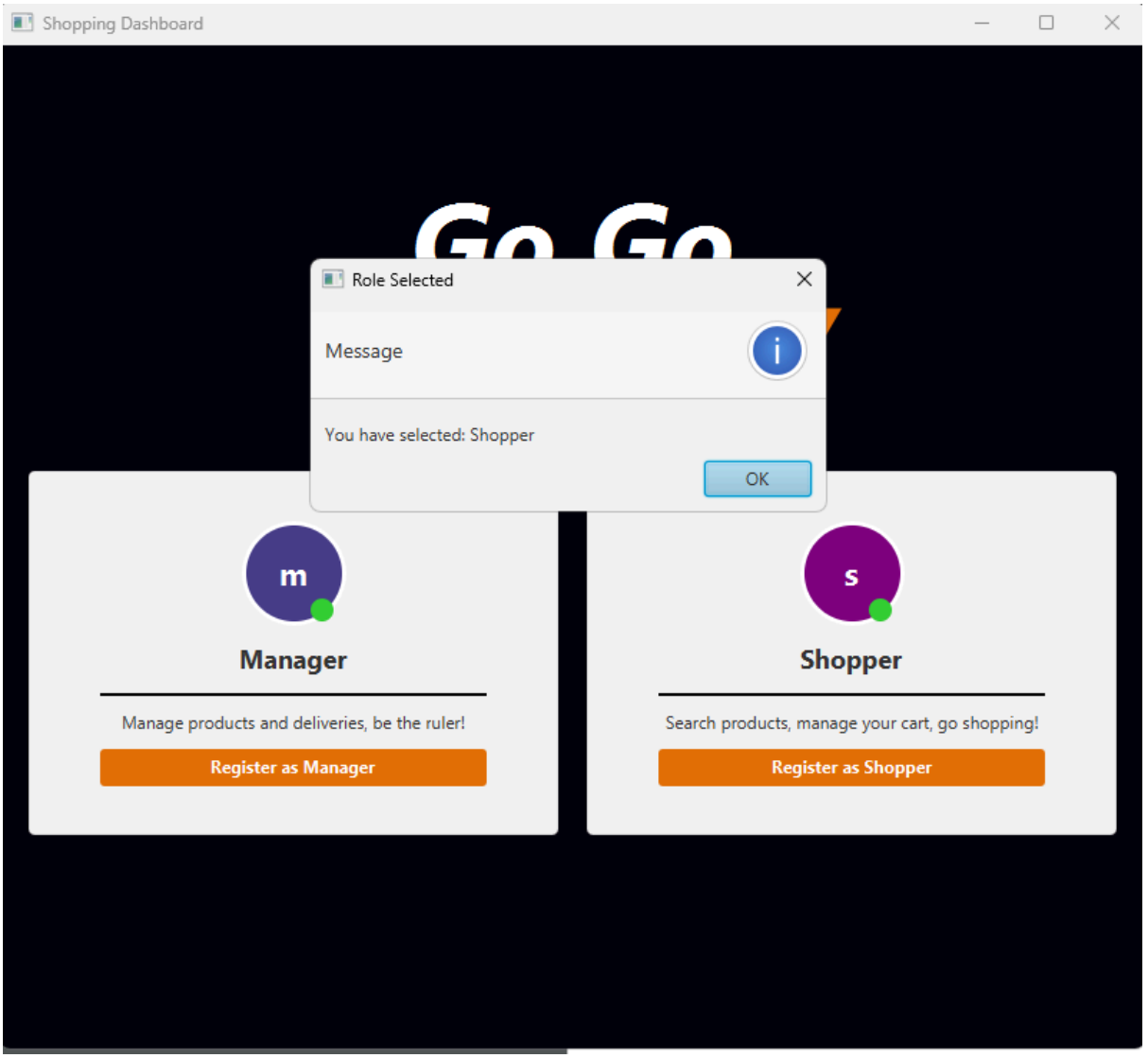

Shopping Dashboard
Go Go Query
Search items in GoGoQuery Store
Search
My Cart
Log Out
Jam Tangan Sport
$1500.0
Category : Aksesoris
Item Detail
Specification:
Jam tangan sport tahan air
Best Seller!
Set item quantity
1
Stock : 83
Add to Cart

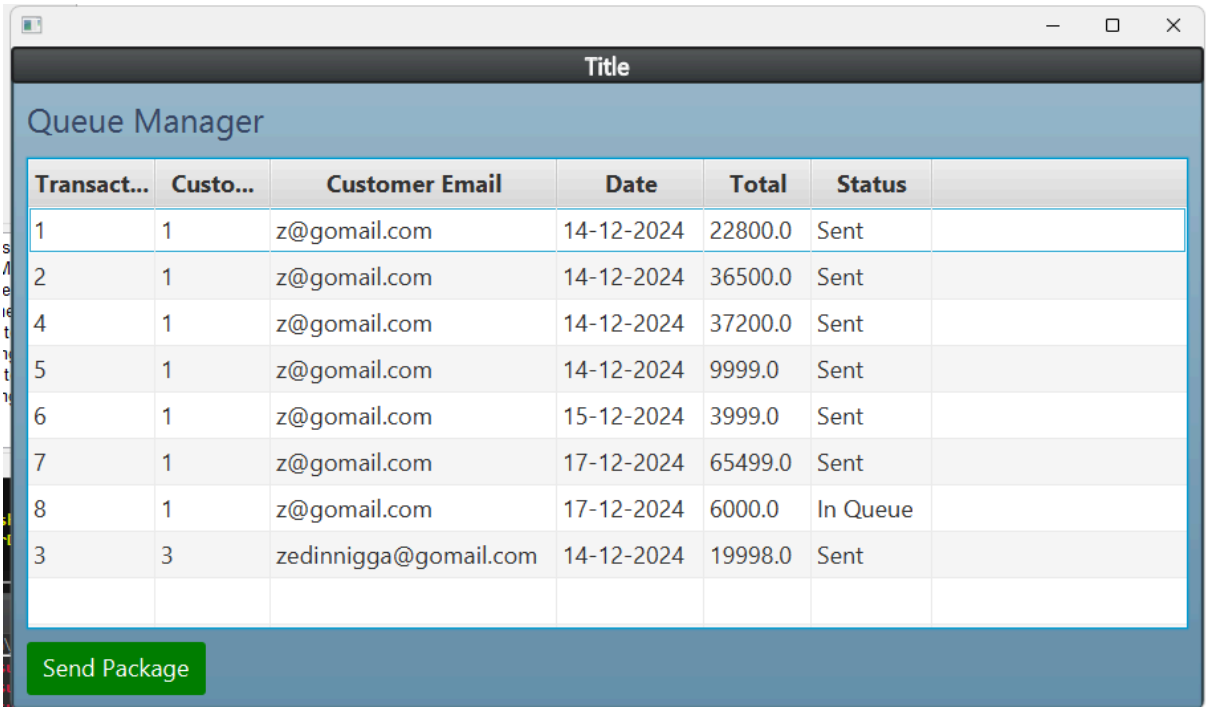

My Cart Page
Go Go Query
Search items in GoGoQuery Store
Search
My Cart
Log Out
z 's Cart
Jam Tangan Sport
$1500.0
X
1
Billing summary
Total : $1500.0
*Tax and delivery cost included
Checkout Items

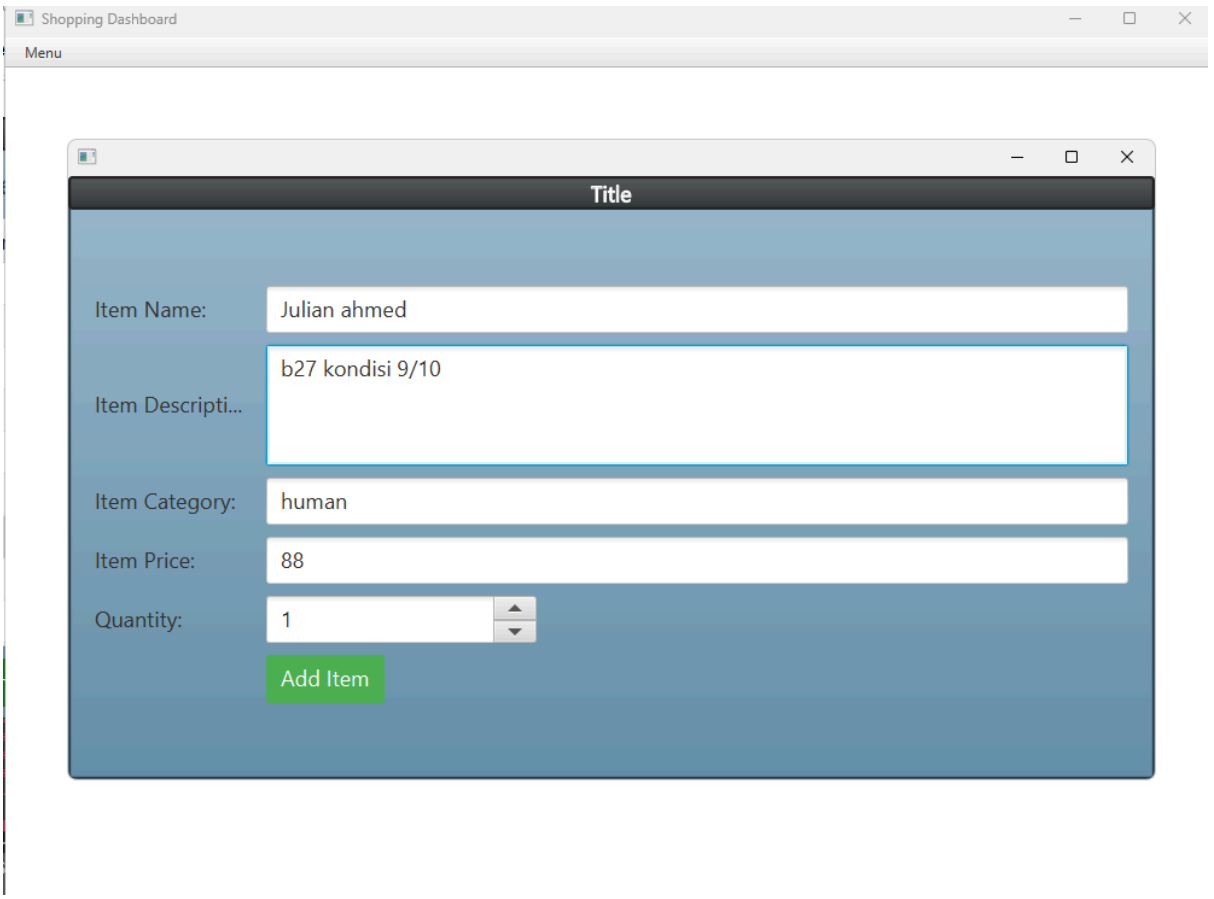

My Cart Page
Go Go Query
Search items in GoGoQuery Store
Search
My Cart
Log Out
z 's Cart
Billing summary
Total : $0.0
*Tax and delivery cost included
Checkout Items
Your cart is empty


Shopping Dashboard
Go Go
Query
Register
Email
Password
Confirm Password
Date of Birth
Gender
Male
Female
I accept the Terms and Conditions
Register
Already have an Account? Sign in Here!


Shopping Dashboard
Go Go
Query
m
Manager
Manage products and deliveries, be the ruler!
Register as Manager
s
Shopper
Search products, manage your cart, go shopping!
Register as Shopper


Shopping Dashboard
Role Selected
Message
You have selected: Shopper
OK
m
Manager
Manage products and deliveries, be the ruler!
Register as Manager
s
Shopper
Search products, manage your cart, go shopping!
Register as Shopper


Title
Queue Manager
Transact... Custo... Customer Email Date Total Status
1 1 z@gomail.com 14-12-2024 22800.0 Sent
2 1 z@gomail.com 14-12-2024 36500.0 Sent
4 1 z@gomail.com 14-12-2024 37200.0 Sent
5 1 z@gomail.com 14-12-2024 9999.0 Sent
6 1 z@gomail.com 15-12-2024 3999.0 Sent
7 1 z@gomail.com 17-12-2024 65499.0 Sent
8 1 z@gomail.com 17-12-2024 6000.0 In Queue
3 3 zedinnigga@gomail.com 14-12-2024 19998.0 Sent
Send Package


Shopping Dashboard
Menu
Title
Item Name:
Julian ahmed
Item Descripti...
b27 kondisi 9/10
Item Category:
human
Item Price:
88
Quantity:
1
Add Item