

# DBMS Project Report

# Shoppr

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# **Shopr**

## *An Online Retail Store*

### **Project Scope:**

Shopr is an online retail store similar to Amazon in which we maintain a database for customers, vendors, products and so on. Products sold by the vendors will be assigned to warehouses by the store, and Shopr will display a catalog of all the available products to the customers.

Shipping/transportation details, product information and ratings, payment information are all managed in the database management systems and are integrated together. Availability of shipping and products, and analytics are also overseen by the admin.

Interaction with the system takes place through a website.

A physical store's vendor-customer system often comes with many downsides such as limited inventory and retail hours, which are eliminated by an online store.

Shopr makes it possible to enjoy a pleasant experience in buying and selling products online. Inventory and product management are handled by the system and it can operate 24/7.

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## Technical Requirement:

- Ensures consistency in the data provided by customers and vendors, for example, every customer must provide his delivery address
- Using strict permission access, we make sure customers and vendors only view and edit data they are authorized to. Vendors cannot view customer payment details.
- Handling large data and optimizing them for better website performance. Products can have IDs for direct access.
- Validating information provided by customers and vendors to prevent wrong data from tampering with the database, for example, product price cannot be negative.
- Admin have complete control of the website but cannot change sensitive data like customer payment details

**Tech Stack:** ReactJS (Frontend JavaScript framework), Django ( Python Web Framework), MySQL (Database), TailwindCSS (CSS library)

## Functional Requirement:

### 1. Customer Functionalities

Customers can register and log in to the website and browse the catalog of products.

They can then view Item Details, Availability, and add the desired items to

their cart.

Then the customers may choose to buy the items in their cart by providing their shipment details and payment information. The cart will display the total price including shipping charges along with delivery information. The user can review the items too.

## **2. Vendor Functionalities**

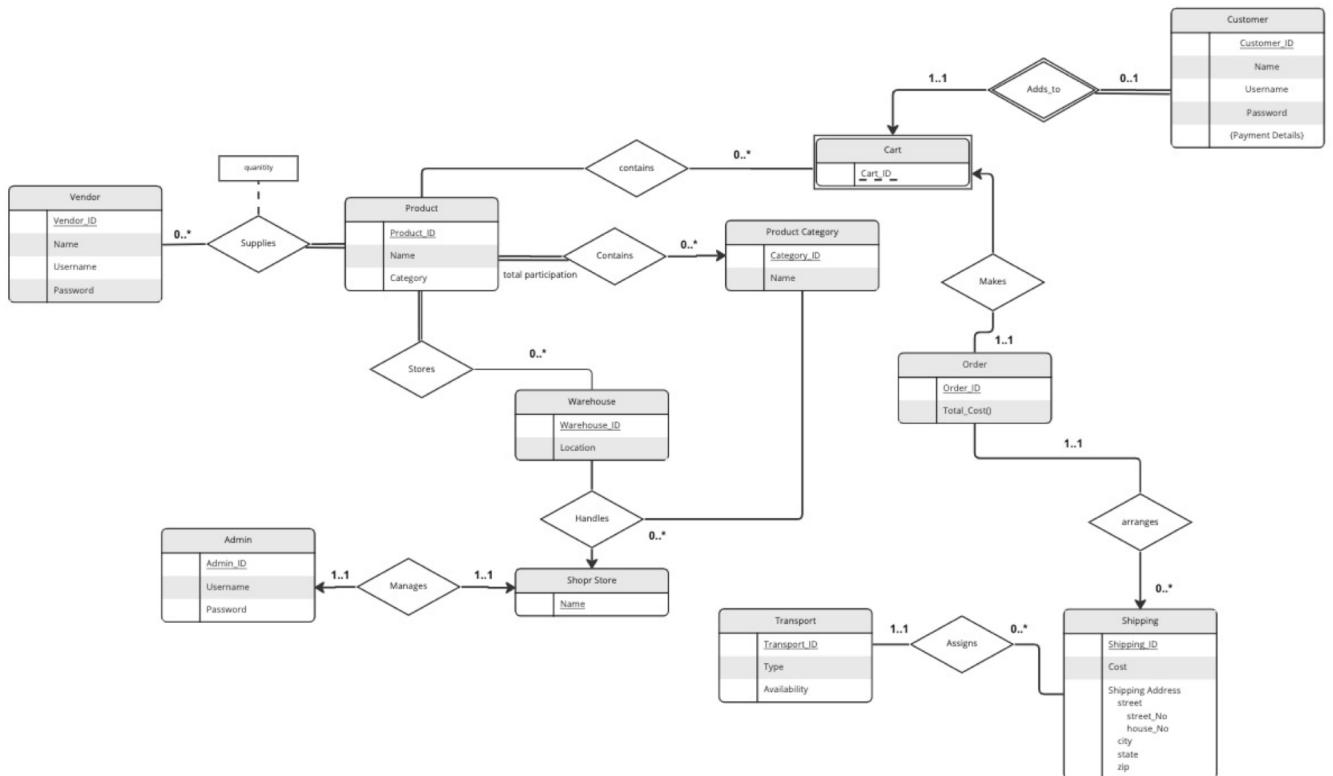
The vendor can register and add products along with their details. Vendors can also then edit details about their products like their stock. Vendors get updates about their sales and stock of their products from the website.

## **3. Admin Functionalities**

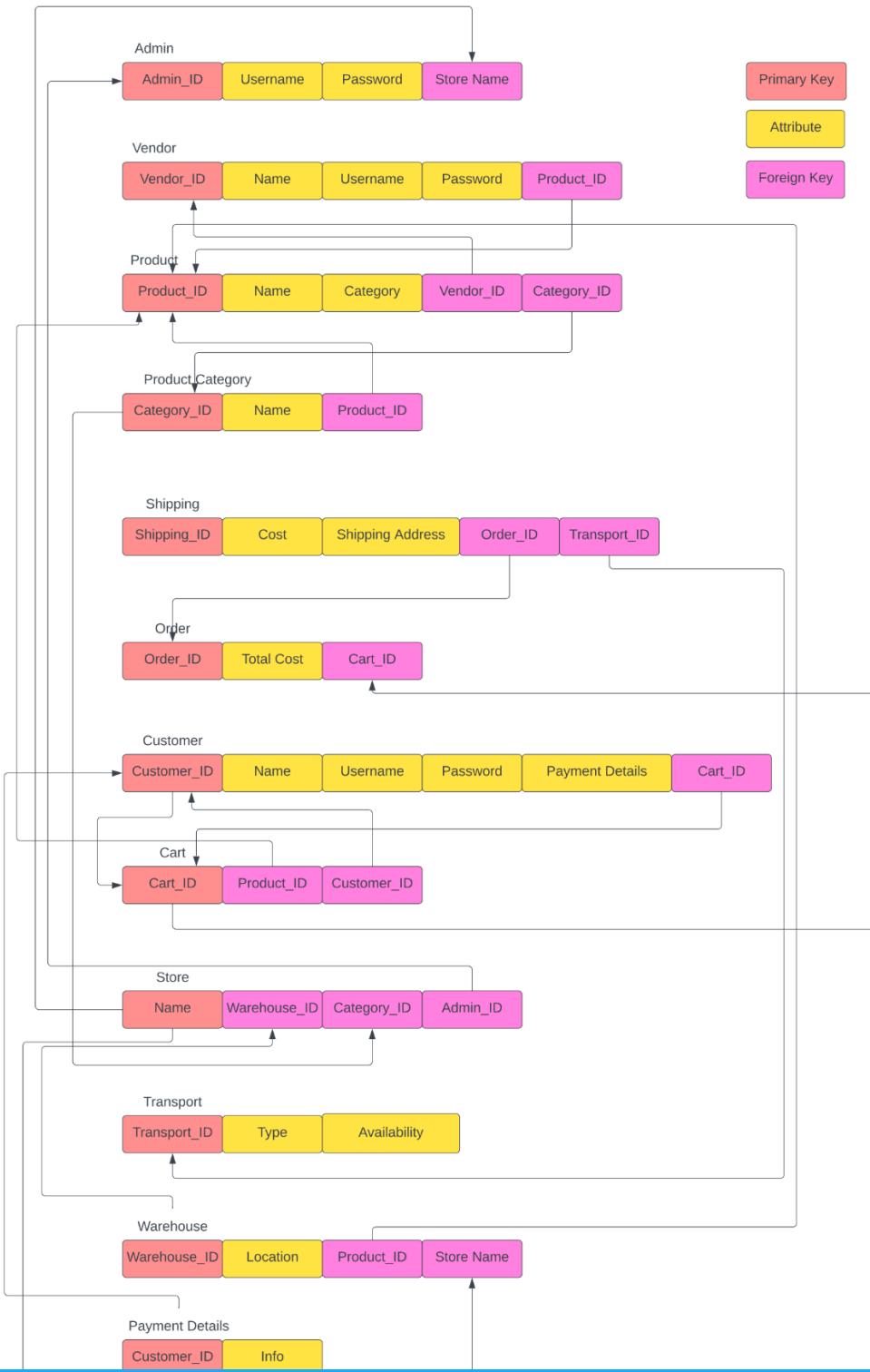
The admin can login onto the site and view and manage all listed products. The admin may view the general information and statistics of overall sales/buys on the website, and each particular vendor.

Apart from these user interactions, the database management system manages the warehouse assignment of products, the inventory management and shipping of products and payments.

# Conceptual Model Design and Relational model



miro



## The Database schema

```
CREATE TABLE Store (
    Store_Name char(6) NOT NULL PRIMARY KEY
);

CREATE TABLE Admin (
    admin_id INT NOT NULL PRIMARY KEY,
    username VARCHAR(50) NOT NULL,
    password VARCHAR(50) NOT NULL,
    Store_Name char(6) NOT NULL,
    FOREIGN KEY (Store_Name) REFERENCES STORE(Store_Name)
);
#Shoppr Store
INSERT INTO Store VALUES ('Shoppr');
#Admin
INSERT INTO Admin VALUES (1, 'admin', 'admin', 'Shoppr');

CREATE TABLE `Cart` (
    `Cart_ID` int(11) NOT NULL,
    `Product_ID` int(11) NOT NULL,
    `Quantity` int(11) NOT NULL,
    KEY `Cart_ID`(`Cart_ID`),
    KEY `Product_ID`(`Product_ID`),
    CONSTRAINT `Cart_ibfk_1` FOREIGN KEY (`Cart_ID`)
    REFERENCES `Customer`(`Customer_ID`),
    CONSTRAINT `Cart_ibfk_2` FOREIGN KEY (`Product_ID`)
    REFERENCES `Product`(`Product_ID`)
```

```
(Product_ID)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_unicode_ci;
```

```
INSERT INTO `Cart` (`Cart_ID`, `Product_ID`, `Quantity`) VALUES (0, 0, 3);
INSERT INTO `Cart` (`Cart_ID`, `Product_ID`, `Quantity`) VALUES (2, 1, 1);
INSERT INTO `Cart` (`Cart_ID`, `Product_ID`, `Quantity`) VALUES (3, 2, 4);
INSERT INTO `Cart` (`Cart_ID`, `Product_ID`, `Quantity`) VALUES (4, 3, 8);
INSERT INTO `Cart` (`Cart_ID`, `Product_ID`, `Quantity`) VALUES (5, 4, 2);
```

```
CREATE TABLE `Customer` (
    `Customer_ID` int(11) NOT NULL,
    `Customer_Name` varchar(50) COLLATE
    utf8mb4_unicode_ci NOT NULL,
    `Customer_Username` varchar(50) COLLATE
    utf8mb4_unicode_ci NOT NULL,
    `Customer_Password` varchar(50) COLLATE
    utf8mb4_unicode_ci NOT NULL,
    `Customer_Address` varchar(50) COLLATE
    utf8mb4_unicode_ci NOT NULL,
    `Customer_Payment` varchar(50) COLLATE
    utf8mb4_unicode_ci NOT NULL,
    PRIMARY KEY (`Customer_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_unicode_ci;
```

```
INSERT INTO `Customer`(`Customer_ID`, `Customer_Name`,
`Customer_Username`, `Customer_Password`, `Customer_Address`,
`Customer_Payment`) VALUES (0, 'et', 'veniam', '67414', '53405 Yundt
Summit\nLeuschkebury, SC 45177-6964', '6011126129078015');
```

```
INSERT INTO `Customer`(`Customer_ID`, `Customer_Name`,
`Customer_Username`, `Customer_Password`, `Customer_Address`,
```

`Customer\_Payment`) VALUES (2, 'porro', 'aut', '5429401', '1428 Candelario  
Radial\nWest Salvador, PA 77005-847', '4929580778464');

INSERT INTO `Customer` (`Customer\_ID`, `Customer\_Name`,  
 `Customer\_Username`, `Customer\_Password`, `Customer\_Address`,  
 `Customer\_Payment`) VALUES (3, 'ipsum', 'est', ", '43795 Paucek Spring Apt.  
903\nWest Julien, UT 93850', '342521549280215');

INSERT INTO `Customer` (`Customer\_ID`, `Customer\_Name`,  
 `Customer\_Username`, `Customer\_Password`, `Customer\_Address`,  
 `Customer\_Payment`) VALUES (4, 'ratione', 'quas', '17895', '123 Harris  
Greens\nSerenityhaven, AZ 39204', '379999663505682');

INSERT INTO `Customer` (`Customer\_ID`, `Customer\_Name`,  
 `Customer\_Username`, `Customer\_Password`, `Customer\_Address`,  
 `Customer\_Payment`) VALUES (5, 'qui', 'nihil', '8', '0039 Jordan Plaza Apt.  
679\nMarcelinoburgh, UT 9688', '5374609951617978');

CREATE TABLE `Orders` (  
 `Order\_ID` int(11) NOT NULL,  
 `Order\_Cost` int(11) NOT NULL,  
 `CART\_ID` int(11) NOT NULL,  
 PRIMARY KEY (`Order\_ID`),  
 KEY `CART\_ID` (`CART\_ID`),  
 CONSTRAINT `Orders\_ibfk\_1` FOREIGN KEY (`CART\_ID`)  
 REFERENCES `Cart` (`Cart\_ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4\_unicode\_ci;

INSERT INTO `Orders` (`Order\_ID`, `Order\_Cost`, `CART\_ID`) VALUES (0, 0,  
 127);

```
INSERT INTO `Orders`(`Order_ID`, `Order_Cost`, `CART_ID`) VALUES (1, 1, 3804374);
INSERT INTO `Orders`(`Order_ID`, `Order_Cost`, `CART_ID`) VALUES (2, 1, 4920);
INSERT INTO `Orders`(`Order_ID`, `Order_Cost`, `CART_ID`) VALUES (3, 1794, 7429);
INSERT INTO `Orders`(`Order_ID`, `Order_Cost`, `CART_ID`) VALUES (4, 270, 94);
```

```
CREATE TABLE `Product` (
    `Product_ID` int(11) NOT NULL,
    `Product_Name` varchar(50) COLLATE utf8mb4_unicode_ci
NOT NULL,
    `Price` int(11) NOT NULL,
    `Warehouse_ID` int(11) NOT NULL,
    `Vendor_ID` int(11) NOT NULL,
    `Category_ID` int(11) NOT NULL,
    PRIMARY KEY (`Product_ID`),
    KEY `Warehouse_ID` (`Warehouse_ID`),
    KEY `Vendor_ID` (`Vendor_ID`),
    KEY `Category_ID` (`Category_ID`),
    CONSTRAINT `Product_ibfk_1` FOREIGN KEY
(`Warehouse_ID`) REFERENCES
`Warehouse`(`Warehouse_ID`),
    CONSTRAINT `Product_ibfk_2` FOREIGN KEY (`Vendor_ID`)
REFERENCES
`Vendor`(`Vendor_ID`),
    CONSTRAINT `Product_ibfk_3` FOREIGN KEY
(`Category_ID`) REFERENCES
`Product_Category`(`Category_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_unicode_ci;
```

#

```
INSERT INTO `Product`(`Product_ID`, `Product_Name`, `Price`,  
`Warehouse_ID`, `Vendor_ID`, `Category_ID`) VALUES (0, 'iPhone 13 Pro Max',  
1499, 1001, 11, 101);
```

```
INSERT INTO `Product`(`Product_ID`, `Product_Name`, `Price`,  
`Warehouse_ID`, `Vendor_ID`, `Category_ID`) VALUES (1, 'Samsung Galaxy  
S21 Ultra', 1199, 1002, 12, 202);
```

```
INSERT INTO `Product`(`Product_ID`, `Product_Name`, `Price`,  
`Warehouse_ID`, `Vendor_ID`, `Category_ID`) VALUES (2, 'iPad Pro', 999,  
1003, 13, 303);
```

```
INSERT INTO `Product`(`Product_ID`, `Product_Name`, `Price`,  
`Warehouse_ID`, `Vendor_ID`, `Category_ID`) VALUES (3, 'Apple Watch Series  
7', 399, 1004, 14, 404);
```

```
INSERT INTO `Product`(`Product_ID`, `Product_Name`, `Price`,  
`Warehouse_ID`, `Vendor_ID`, `Category_ID`) VALUES (4, 'Sony  
WH-1000XM4', 349, 1005, 15, 505);
```

```
CREATE TABLE `Product_Category` (  
    `Category_ID` int(11) NOT NULL,  
    `Category_Name` varchar(50) COLLATE  
utf8mb4_unicode_ci NOT NULL,  
    PRIMARY KEY (`Category_ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_unicode_ci;
```

```
INSERT INTO `Product_Category`(`Category_ID`, `Category_Name`) VALUES
```

```
(101, 'Technology');
INSERT INTO `Product_Category` (`Category_ID`, `Category_Name`) VALUES
(202, 'Appliances');
INSERT INTO `Product_Category` (`Category_ID`, `Category_Name`) VALUES
(303, 'Apparels');

INSERT INTO `Product_Category` (`Category_ID`, `Category_Name`) VALUES
(404, 'Shoes');
INSERT INTO `Product_Category` (`Category_ID`, `Category_Name`) VALUES
(505, 'Sale');
```

```
CREATE TABLE `Shipping` (
    `Shipping_ID` int(11) NOT NULL,
    `Shipping_Cost` int(11) NOT NULL,
    `Shipping_Address` varchar(50) COLLATE
utf8mb4_unicode_ci NOT NULL,
    `Order_ID` int(11) NOT NULL,
    PRIMARY KEY (`Shipping_ID`),
    KEY `Order_ID` (`Order_ID`),
    CONSTRAINT `Shipping_ibfk_1` FOREIGN KEY (`Order_ID`)
REFERENCES `Orders` (`Order_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_unicode_ci;
```

```
INSERT INTO `Shipping` (`Shipping_ID`, `Shipping_Cost`, `Shipping_Address`,
`Order_ID`) VALUES (0, 6, '1908 Carol Highway\nNorth Alessandro, DE
63971', 26);
```

```
INSERT INTO `Shipping` (`Shipping_ID`, `Shipping_Cost`, `Shipping_Address`,
`Order_ID`) VALUES (3, 5, '5263 Liam Springs Apt. 897\nHalvorsontown, OR
85716', 9);
```

```
INSERT INTO `Shipping` (`Shipping_ID`, `Shipping_Cost`, `Shipping_Address`,  
`Order_ID`) VALUES (4, 3, '41764 Beulah Inlet\nPort Dariusmouth, OK  
85240-0016', 7309);
```

```
INSERT INTO `Shipping` (`Shipping_ID`, `Shipping_Cost`, `Shipping_Address`,  
`Order_ID`) VALUES (5, 3, '011 Kunze Ridge\nKulasborough, FL 73660-7383',  
39);
```

```
INSERT INTO `Shipping` (`Shipping_ID`, `Shipping_Cost`, `Shipping_Address`,  
`Order_ID`) VALUES (6, 4, '905 Katlynn Mills Apt. 711\nNew Mabelle, WI  
44110-7', 483);
```

```
CREATE TABLE `Transport` (  
    `Transport_ID` int(11) NOT NULL,  
    `Transport_Type` varchar(50) COLLATE  
utf8mb4_unicode_ci NOT NULL,  
    `Transport_Availability` varchar(50) COLLATE  
utf8mb4_unicode_ci NOT NULL,  
    `Shipping_ID` int(11) NOT NULL,  
    PRIMARY KEY (`Transport_ID`),  
    KEY `Shipping_ID` (`Shipping_ID`),  
    CONSTRAINT `Transport_ibfk_1` FOREIGN KEY  
(`Shipping_ID`) REFERENCES  
`Shipping`(`Shipping_ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_unicode_ci;
```

```
INSERT INTO `Transport` (`Transport_ID`, `Transport_Type`,  
`Transport_Availability`, `Shipping_ID`) VALUES (0, 'consequatur', '', 8);
```

```


---

  
INSERT INTO `Transport` (`Transport_ID`, `Transport_Type`,  
`Transport_Availability`, `Shipping_ID`) VALUES (1, 'rerum', "", 181);  
  
INSERT INTO `Transport` (`Transport_ID`, `Transport_Type`,  
`Transport_Availability`, `Shipping_ID`) VALUES (2, 'praesentium', '1', 31);  
  
INSERT INTO `Transport` (`Transport_ID`, `Transport_Type`,  
`Transport_Availability`, `Shipping_ID`) VALUES (4, 'quis', "", 2825586);  
  
INSERT INTO `Transport` (`Transport_ID`, `Transport_Type`,  
`Transport_Availability`, `Shipping_ID`) VALUES (6, 'et', '1', 75506);  
  
  
  
CREATE TABLE `Vendor` (  
    `Vendor_ID` int(11) NOT NULL,  
    `Vendor_Name` varchar(50) COLLATE utf8mb4_unicode_ci  
    NOT NULL,  
    `Vendor_Username` varchar(50) COLLATE  
    utf8mb4_unicode_ci NOT NULL,  
    `Vendor_Password` varchar(50) COLLATE  
    utf8mb4_unicode_ci NOT NULL,  
    PRIMARY KEY (`Vendor_ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_unicode_ci;  
  
  
  
INSERT INTO `Vendor` (`Vendor_ID`, `Vendor_Name`, `Vendor_Username`,  
`Vendor_Password`) VALUES (0, 'doloremque', 'qui', '6');
```

—

```
INSERT INTO `Vendor` (`Vendor_ID`, `Vendor_Name`, `Vendor_Username`, `Vendor_Password`) VALUES (1, 'sapiente', 'harum', '8');
```

```
INSERT INTO `Vendor` (`Vendor_ID`, `Vendor_Name`, `Vendor_Username`, `Vendor_Password`) VALUES (2, 'numquam', 'qui', '1');
```

```
INSERT INTO `Vendor` (`Vendor_ID`, `Vendor_Name`, `Vendor_Username`, `Vendor_Password`) VALUES (3, 'adipisci', 'est', '9');
```

```
INSERT INTO `Vendor` (`Vendor_ID`, `Vendor_Name`, `Vendor_Username`, `Vendor_Password`) VALUES (4, 'autem', 'excepturi', '6');
```

```
CREATE TABLE `Warehouse` (
    `Warehouse_ID` int(11) NOT NULL,
    `Location` varchar(50) COLLATE utf8mb4_unicode_ci NOT NULL,
    PRIMARY KEY (`Warehouse_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_unicode_ci;
```

```
INSERT INTO `Warehouse` (`Warehouse_ID`, `Location`) VALUES (0, '293 Cooper Well\nNorth Opheliatown, MI 37207-2183');
```

```
INSERT INTO `Warehouse` (`Warehouse_ID`, `Location`) VALUES (1, '9738 Buckridge Springs\nGloverville, MI 25957-6766');
```

```
INSERT INTO `Warehouse` (`Warehouse_ID`, `Location`) VALUES (2, '148 Bobbie Hill\nDareview, MO 93576-5632');
```

—

```
INSERT INTO `Warehouse`(`Warehouse_ID`, `Location`) VALUES (3, '2822 Tremblay Plaza\nLake Wavaburgh, DC 01992-9396');
```

```
INSERT INTO `Warehouse`(`Warehouse_ID`, `Location`) VALUES (4, '432 Darien Center\nSouth Sydni, NM 18554-0674');
```

## SQL queries supporting the application features

### Queries Used in the main program:

1)

```
UPDATE shoppr.product SET Product_Name = ?, Price = ?, Category_ID = ?, Vendor_ID = ?, Warehouse_ID = ? WHERE Product_ID = ?
```

[productName, productPrice, categoryID, vendorID, warehouseID, productID]

2)

```
SELECT * FROM shoppr.customer WHERE Customer_Username = ? AND Customer_Password = ?
```

[username, password]

3)

`SELECT Product.Product_ID, Product.Product_Name, Product.Price,  
Cart.Quantity FROM shoppr.product INNER JOIN shoppr.cart ON  
Product.Product_ID = Cart.Product_ID WHERE Cart.Cart_ID = ?'`

[customer\_id]

4)

`DELETE FROM shoppr.cart WHERE Cart_ID = ? AND Product_ID = ?`

[cartID, productID]

5)

`SELECT * FROM shoppr.product WHERE Price > 10000 AND Category_ID IN  
( ' + category + ' )`

### **Some of the queries other queries to interact with the database:**

6)

`SELECT t.Transport_ID, t.Transport_Type, s.Shipping_Cost FROM Transport t  
JOIN Shipping s ON t.Shipping_ID = s.Shipping_ID  
WHERE t.Transport_Availability = 1 AND s.Shipping_Cost < 5;`

7)

`SELECT Transport_Type, COUNT(Transport_Availability) FROM transport  
GROUP BY Transport_Type`

—

```
ORDER BY COUNT(Transport_Availability) DESC;
```

8)

```
SELECT v.Vendor_Name, SUM(p.Price) AS Total_Value FROM Product p  
INNER JOIN Vendor v ON p.Vendor_ID = v.Vendor_ID GROUP BY  
v.Vendor_ID;
```

9)

```
SELECT c.Customer_ID, c.Customer_Name, c.Customer_Username,  
c.Customer_Address FROM Customer c  
WHERE EXISTS (  
SELECT *  
FROM Orders o  
INNER JOIN Shipping s ON o.Order_ID = s.Order_ID WHERE o.CART_ID =  
c.Customer_ID  
);
```

10)

```
SELECT c.Customer_Name,  
(SELECT SUM(o.Order_Cost) FROM Orders o WHERE o.Cart_ID =  
c.Customer_ID) AS Total_Order_Cost,
```

```
(SELECT SUM(s.Shipping_Cost) FROM Shipping s JOIN Orders o ON  
s.Order_ID = o.Order_ID WHERE o.Cart_ID = c.Customer_ID) AS  
Total_Shipping_Cost  
  
FROM Customer c;
```

## Embedded SQL, OLAP queries, and Triggers

### Embedded Queries -- JavaScript

#### a. User login

```
app.get('/customer/login' , (req, res) => {  
  const username = req.query.username;  
  const password = req.query.password;  
  const q = 'SELECT * FROM shoppr.customer WHERE  
Customer_Username = ? AND Customer_Password = ?'; db.query(q,  
[username, password], (err, result) => {  
  if(err) throw err;  
  res.send(result); }  
);});
```

#### b. Display all products

```
const category = req.query.category;  
var q;
```

```
if(category!== undefined) q = `SELECT * FROM shoppr.product  
  
WHERE Category_ID IN (${category});  
else q = `SELECT * FROM shoppr.product`; db.query(q, (err, result) => {  
  
if(err) throw err;  
  
res.send(result); }  
);
```

## OLAP Queries

**#total revenue from each order**  
SELECT Orders.Order\_ID, SUM(Product.Price\*Cart.Quantity) AS Revenue  
  
FROM Orders  
JOIN Cart ON Orders.CART\_ID = Cart.Cart\_ID  
JOIN Product ON Cart.Product\_ID = Product.Product\_ID GROUP BY  
Orders.Order\_ID;

**#total revenue from each category**  
SELECT Product\_Category.Category\_Name,  
SUM(Product.Price\*Cart.Quantity)  
  
AS Revenue FROM Product  
JOIN Cart ON Product.Product\_ID = Cart.Product\_ID  
JOIN Product\_Category ON Product.Category\_ID =  
Product\_Category.Category\_ID  
GROUP BY Product\_Category.Category\_Name;

3)

```
SELECT pc.Category_Name, SUM(p.Price * o.Order_Cost) as Total_Revenue
FROM Product p
JOIN Product_Category pc ON p.Category_ID = pc.Category_ID
JOIN Cart c ON p.Product_ID = c.Product_ID
JOIN Orders o ON c.Cart_ID = o.CART_ID GROUP BY pc.Category_Name
WITH ROLLUP;
```

4)

```
SELECT c.Customer_ID, COUNT(o.Order_ID) as total_orders FROM
Customer c
JOIN Cart ct ON ct.Cart_ID = c.Customer_ID
JOIN Orders o ON o.Cart_ID = ct.Cart_ID
GROUP BY c.Customer_ID WITH ROLLUP;
```

## Triggers

1)

```
DELIMITER //
CREATE TRIGGER enforce_price_minimum BEFORE INSERT ON Product
FOR EACH ROW
BEGIN
    IF NEW.Price <= 0 THEN
        SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = 'Product
price must be
greater than zero.';
    END IF;
```

---

```
END;//

INSERT INTO `Product` (`Product_ID`, `Product_Name`, `Price`,
`Warehouse_ID`, `Vendor_ID`, `Category_ID`) VALUES (140, 'Nintendo Switch
OLED', -1, 1005, 11, 303);
```

2)

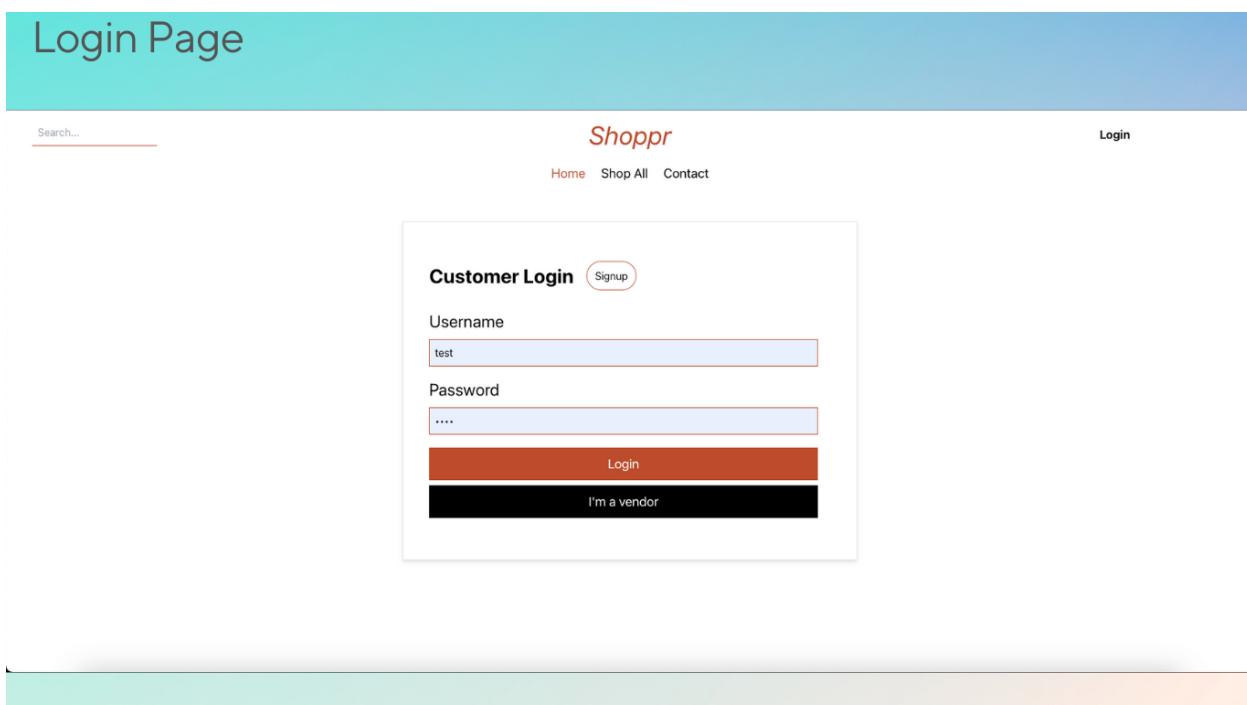
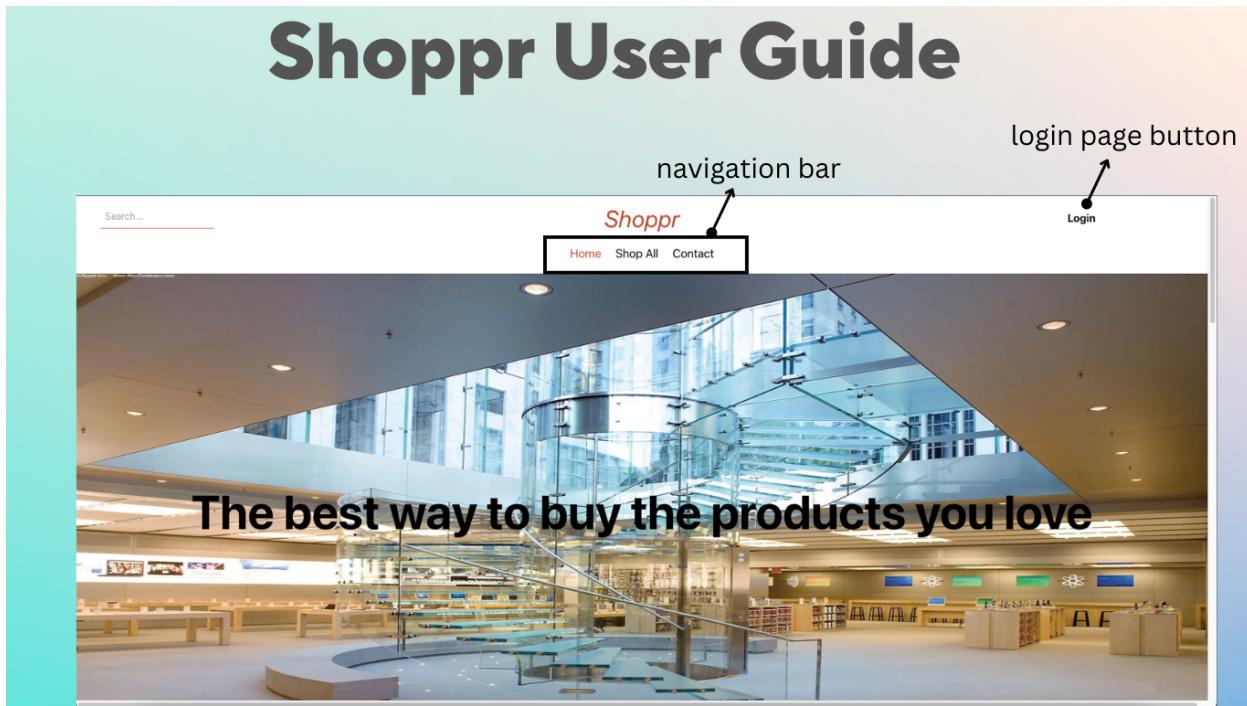
```
DELIMITER //
CREATE TRIGGER remove_product_from_carts AFTER DELETE ON Product
FOR EACH ROW
BEGIN

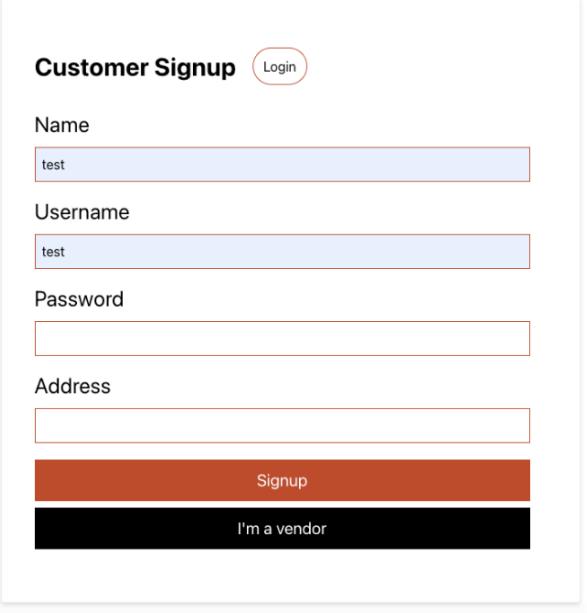
    DELETE FROM Cart WHERE product_id = OLD.product_id;

END;//

DELETE FROM Product WHERE product_id = 1;
```

## USER GUIDE FOR THE INTERFACE





**Customer Signup** [Login](#)

Name  
test

Username  
test

Password

Address

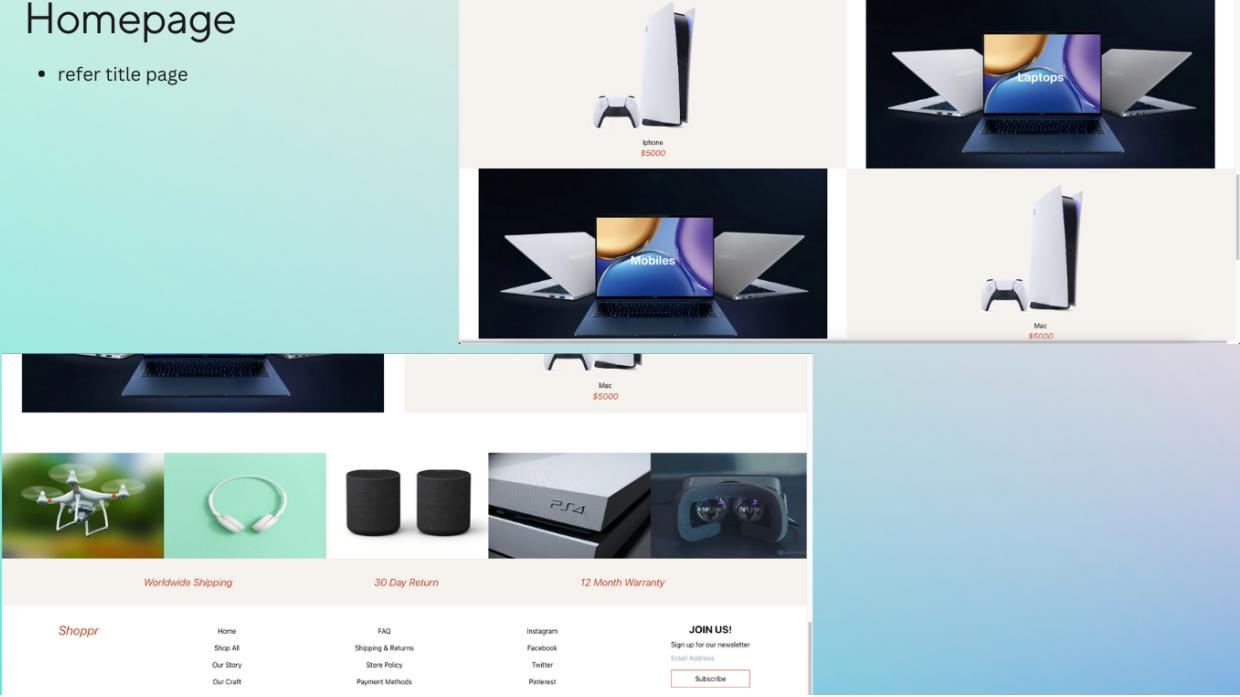
[Signup](#)

I'm a vendor

- users can also sign up to create a new account

## Homepage

- refer title page



• refer title page

**Shop All** • for browsing all products on the market

Search...

**Shopr**

Home Shop All Contact

profile

cart

## Shop All

**Filter By**

Category  
All Categories

Price  
All Items

- Users can Filter products by category and price

**Quantity**

- 2 +

Add

iPhone 13 Pro Max  
\$1499

Cancel

- Add products to cart after specifying quantity

## Cart

- Review your cart and checkout

[Home](#) [Shop All](#) [Contact](#)

### Cart

	iPhone 13 Pro Max <small>X 3</small>	\$1499
	Apple Watch Series 7 <small>X 1</small>	\$399
	Sony WH-1000XM4 <small>X 2</small>	\$349
	Nvidia GeForce RTX 3080 Ti <small>X 3</small>	\$1199
	iPhone 13 Pro Max <small>X 3</small>	\$1499

Total: **\$13688**

[Checkout](#)

## Profile

Search...

*Shoppr*



[Logout](#)

[Home](#) [Shop All](#) [Contact](#)



test

[My Orders](#) [My Addresses](#) [My Wallet](#) [My Subscription](#) [My Account](#)

### My Orders



your orders will be displayed in this section

## Vendor Home

vendor login/signup will take you into this page, where vendors can review their products and edit details

Search...

**Shoppr**

Logout

Your Products 



**Sale**  
472707  
**\$1000**

**Edit**  
**Remove**

Search...

**Shoppr**

Logout

Your Products 



Name   
Price   
Category   
**Change**  
**Cancel**  
**Remove**

- Admin page can be used to run transactions that create a user, vendor and product

## Admin

**Transactions**

<b>1. Create a user, and return the details</b>	<b>Results</b>
ahmed	ID: 232143 Name: ahmed Username: ahmed Address: ahmed
<b>Run Transaction</b>	
<b>2. Create a vendor, and return the details</b>	<b>Results</b>
hanoon	ID: 638994 Name: hanoon Username: hanoon
<b>Run Transaction</b>	
<b>3. Create a product, and return the details</b>	<b>Results</b>
LG projector	ID: 753273 Name: LG projector Price: 768488 Warehouse: 64869 Vendor: 736815 Category: 752921
<b>Run Transaction</b>	