**CHAPTER 5  DDL/DML COMMANDS**

**Data Definition Language(DDL) Queries:**

**Category table:**

CREATE TABLE Category (

category\_id INT(11) NOT NULL AUTO\_INCREMENT,

category\_title VARCHAR(255) NOT NULL,

PRIMARY KEY (category\_id)

);

**Product table:**

CREATE TABLE Product (

product\_id INT(11) NOT NULL AUTO\_INCREMENT,

category\_id INT(11) NOT NULL,

product\_title VARCHAR(255) NOT NULL,

product\_desc TEXT NOT NULL,

product\_key VARCHAR(255) NOT NULL,

product\_img VARCHAR(255) NOT NULL,

product\_price DECIMAL(10,2) NOT NULL,

date DATE NOT NULL,

PRIMARY KEY (product\_id),

FOREIGN KEY (category\_id) REFERENCES Category(category\_id)

);

**Cart\_Details table:**

CREATE TABLE Cart\_Details (

product\_id INT(11) NOT NULL,

quantity INT(11) NOT NULL,

PRIMARY KEY (product\_id),

FOREIGN KEY (product\_id) REFERENCES Product(product\_id)

);

**User table:**

CREATE TABLE User (

user\_id INT(11) NOT NULL AUTO\_INCREMENT,

username VARCHAR(255) NOT NULL,

user\_email VARCHAR(255) NOT NULL,

user\_password VARCHAR(255) NOT NULL,

user\_address TEXT NOT NULL,

user\_mobile VARCHAR(20) NOT NULL,

PRIMARY KEY (user\_id)

);

**Order\_Details table:**

CREATE TABLE Order\_Details (

order\_id INT(11) NOT NULL AUTO\_INCREMENT,

user\_id INT(11) NOT NULL,

amount DECIMAL(10,2) NOT NULL,

invoice VARCHAR(255) NOT NULL,

total\_products INT(11) NOT NULL,

order\_date DATE NOT NULL,

PRIMARY KEY (order\_id),

FOREIGN KEY (user\_id) REFERENCES User(user\_id)

);

**Data Manipulation Language (DML) Queries:**

**1.Home Page**

**Query used to show all category in the side bar:**

• $select\_query = "SELECT \* FROM `product` ";

**Query used to show all category in the side bar**:

• "Select \* from `category` ";

**Query used to filter through catogories:**

• "SELECT \* FROM `product` where category\_id=$category\_id";

**Query used to see price of items in nav bar:**

• $cart\_query = "SELECT \* FROM cart\_details";

• $select\_products = "SELECT \* FROM product WHERE product\_id='$product\_id'"

**Query used to insert items into cart:**

• $insert\_query="insert into `cart\_details` (product\_id,quantity) values ($get\_product\_id,0)";

**Query used to check wether item exists in cart items into cart:**

• $select\_query = "SELECT \* FROM `cart\_details` WHERE product\_id=$get\_product\_id";

**2.Cart**

Query used to display items into cart:

* $select\_products = "SELECT \* FROM product WHERE product\_id='$product\_id'";

Query used to update product quantity from the cart:

• $update\_cart\_qty = "UPDATE `cart\_details` SET quantity='$quantities' ";

Query used to delete products from the cart:

• $delete\_query = "DELETE FROM `cart\_details` WHERE product\_id=$remove\_id";

**3.Payment**

**Query used to see which user is making the payment:**

• $get\_user="Select \* from `user\_table` ";

**Block of Querys used to get total amount of products in the cart:**

$total\_price = 0;

$cart\_query\_price = **"SELECT \* FROM `cart\_details`";**

$result\_cart\_price = mysqli\_query($conn, $cart\_query\_price);

$invoice\_number = mt\_rand();

$count\_products = mysqli\_num\_rows($result\_cart\_price);

while ($row\_price = mysqli\_fetch\_array($result\_cart\_price)) {

$product\_id = $row\_price['product\_id'];

$select\_product = **"SELECT \* FROM `product` WHERE product\_id=$product\_id";**

$run\_price = mysqli\_query($conn, $select\_product);

while ($row\_product\_price = mysqli\_fetch\_array($run\_price)) {

$product\_price = array($row\_product\_price['product\_price']);

$product\_values = array\_sum($product\_price);

$total\_price += $product\_values;

**4.Orders:**

**Query used to insert cart order in the order table:**

* $insert\_orders = "INSERT INTO `orders` (user\_id, amount, invoice, total\_products, order\_date) VALUES ($user\_id, $subtotal, '$invoice\_number', $count\_products, NOW())";

**Query used to show a user’s orders in the order table**:

* $get\_order\_details="SELECT \* FROM `orders` WHERE user\_id=$user\_id"

**5.User Login and Registration:**

**Query Used to Register a new user:**

$insert\_query = "INSERT INTO user\_table (username, user\_email, user\_password, user\_address, user\_mobile)VALUES ('$username', '$user\_email', '$user\_password', '$user\_address', '$user\_mobile')";

**Query Used to check if a user already exists while registering a new user:**

$select\_query = "SELECT \* FROM `user\_table` WHERE username='$username'";

**Query Used to read username while logging in a user:**

$select\_query="Select \* from `user\_table` where username= '$user\_username '";

**6.Admin Operations**

**Query Used to insert a new category:**

$insert\_query="insert into `category` (category\_title) values ('$category\_title')";

**Query Used to check if a user already exists while registering a new user:**

* $select\_query="Select \* from `category` where category\_title= '$category\_title'";

**Query used to show which categories are available while inserting a new product:**

* $select\_query="SELECT \* FROM `category`";

**Query Used to insert a new product:**

* $insert\_products="INSERT INTO `product` (product\_title, product\_desc, product\_key, category\_id, product\_img, product\_price, date, status)

VALUES('$product\_title', '$product\_desc', '$product\_keyword', '$product\_categories', '$product\_img', '$product\_price', NOW(), '$status')"; $result\_query=mysqli\_query($conn,$insert\_products);

**Query Used to all users:**

* $get\_users = "SELECT \* FROM `user\_table`";

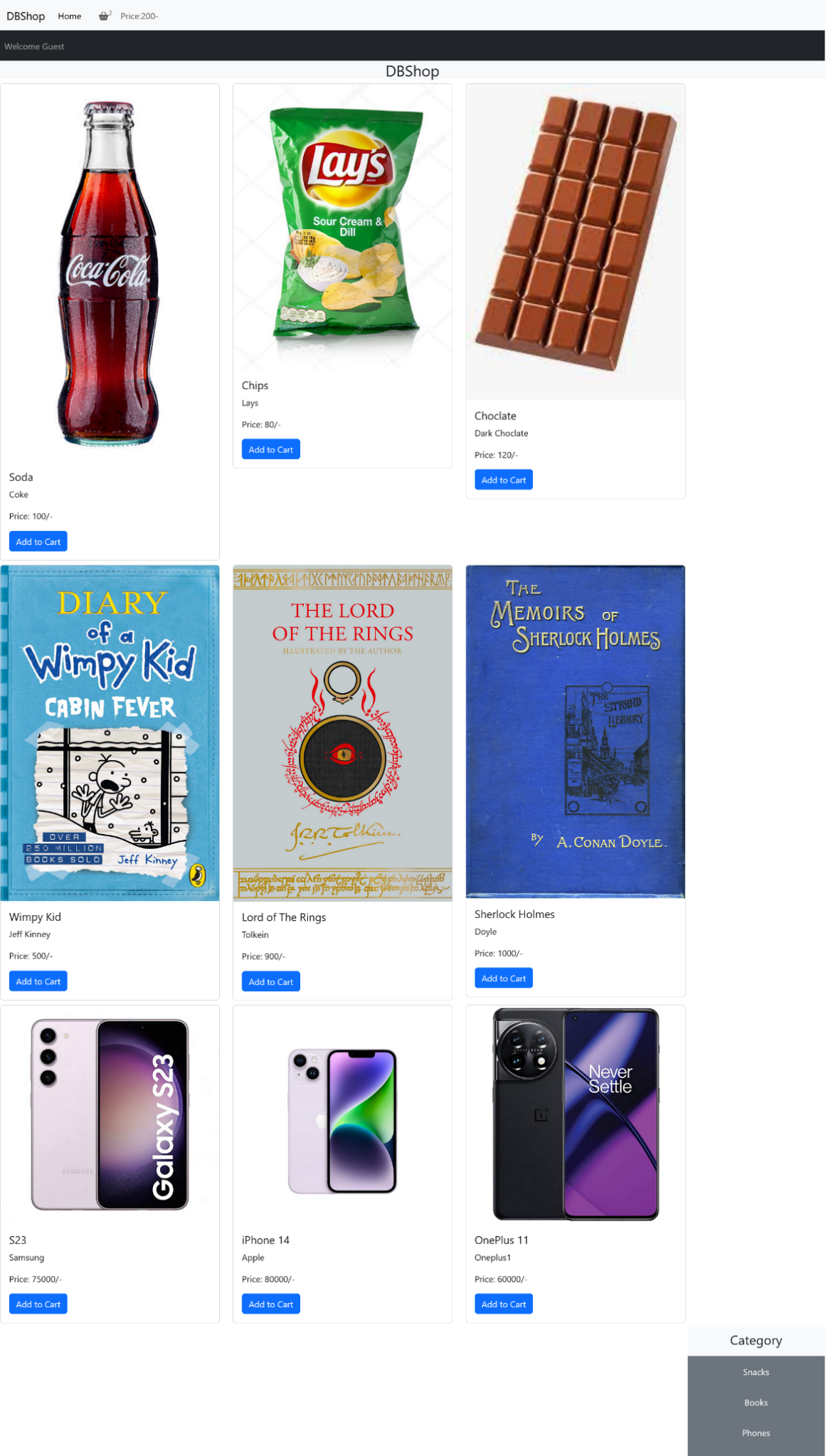
**Query Used to show all orders:**

* $get\_orders="Select \* from `orders`";

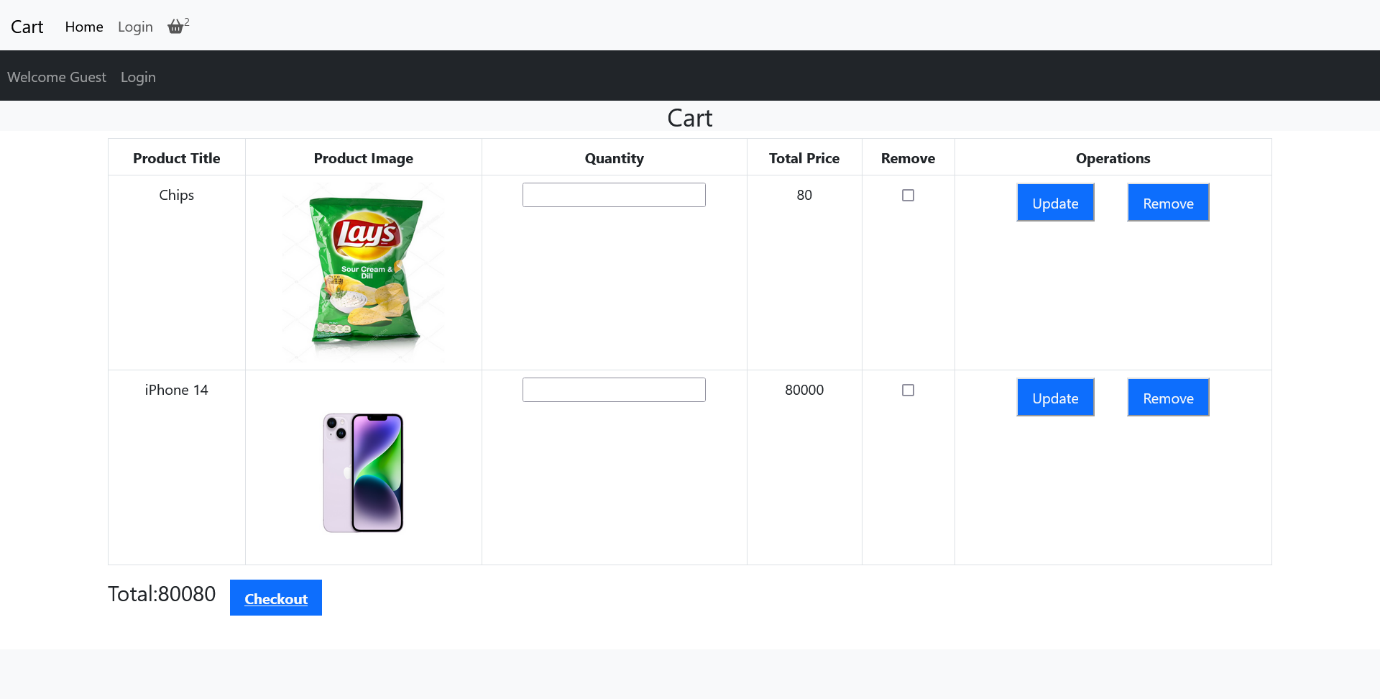
**Query Used to show all products:**

* $get\_products = "SELECT \* FROM `product`";

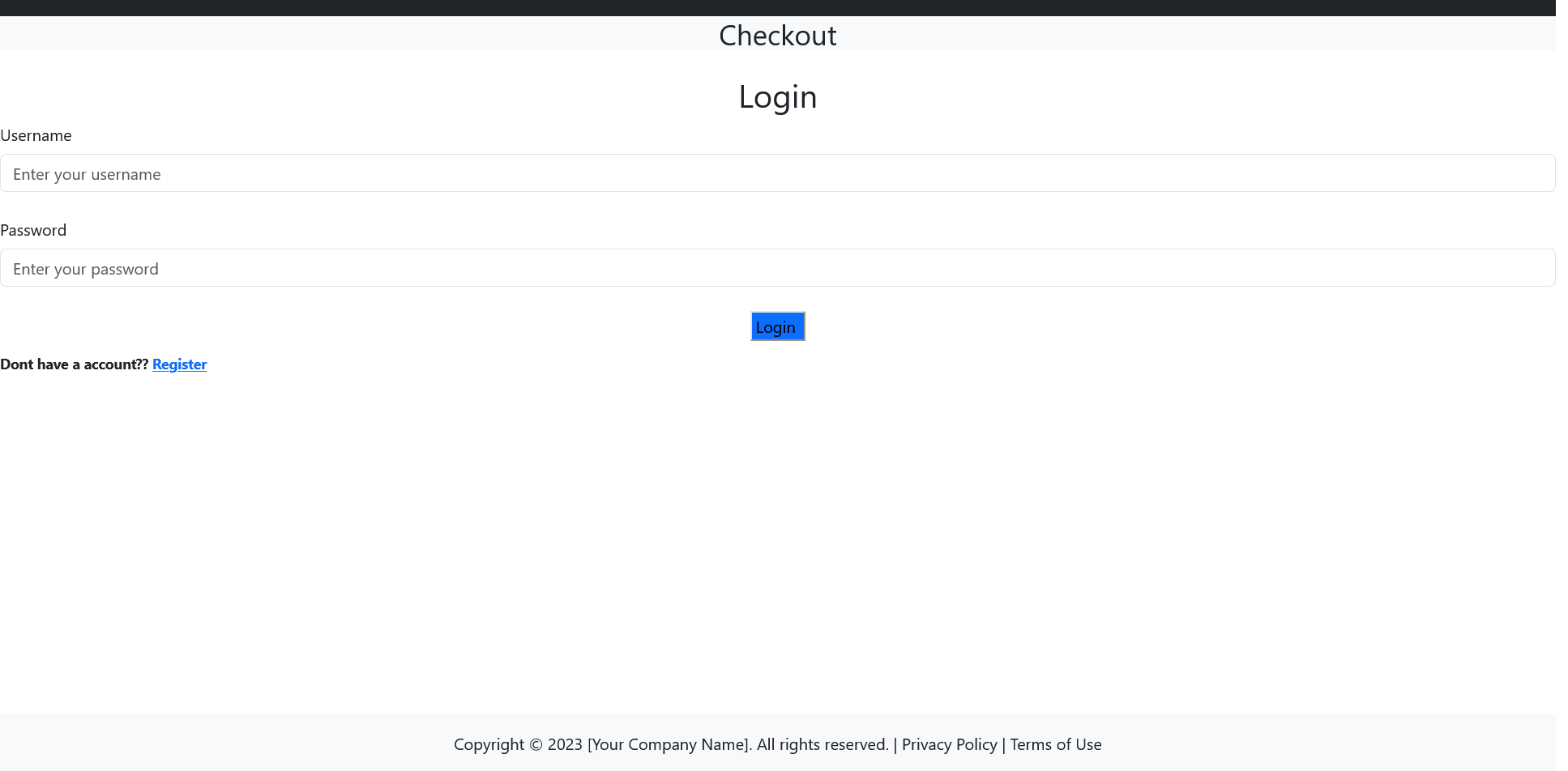
**CHAPTER 6: RESULTS & SNAPSHOTS**

**HomePage:**

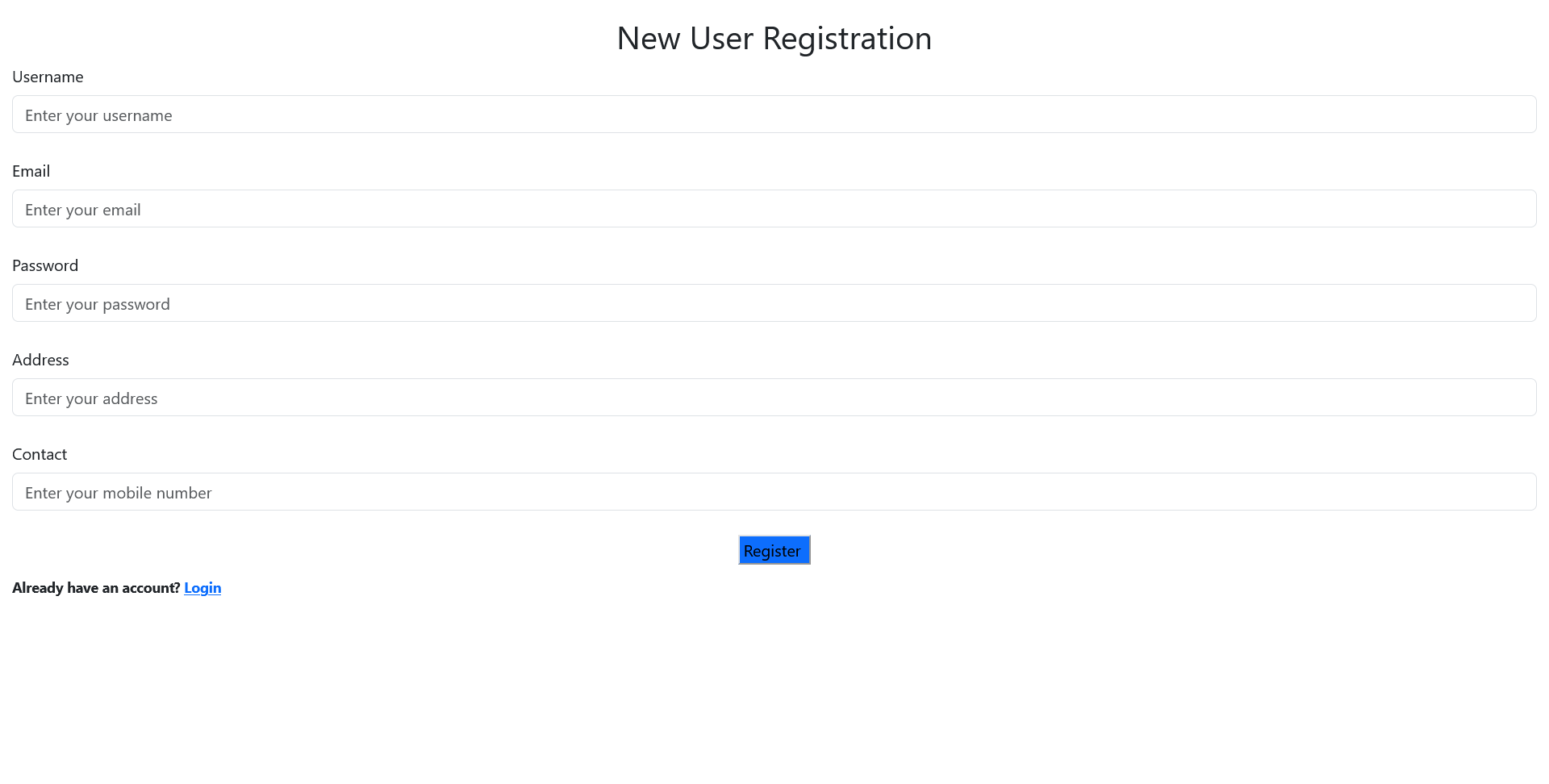
**Cart Page:**

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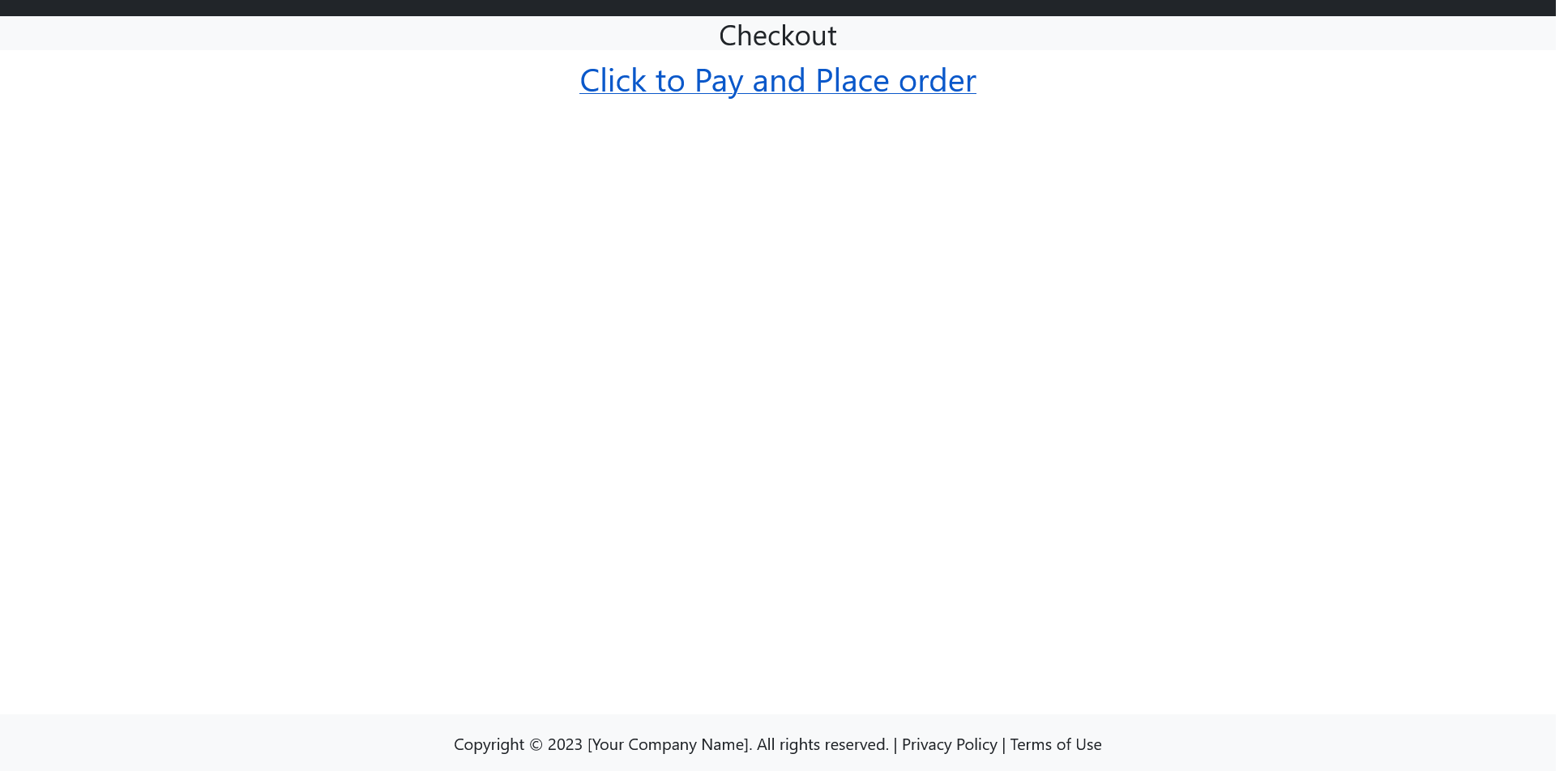
**Login Page:**



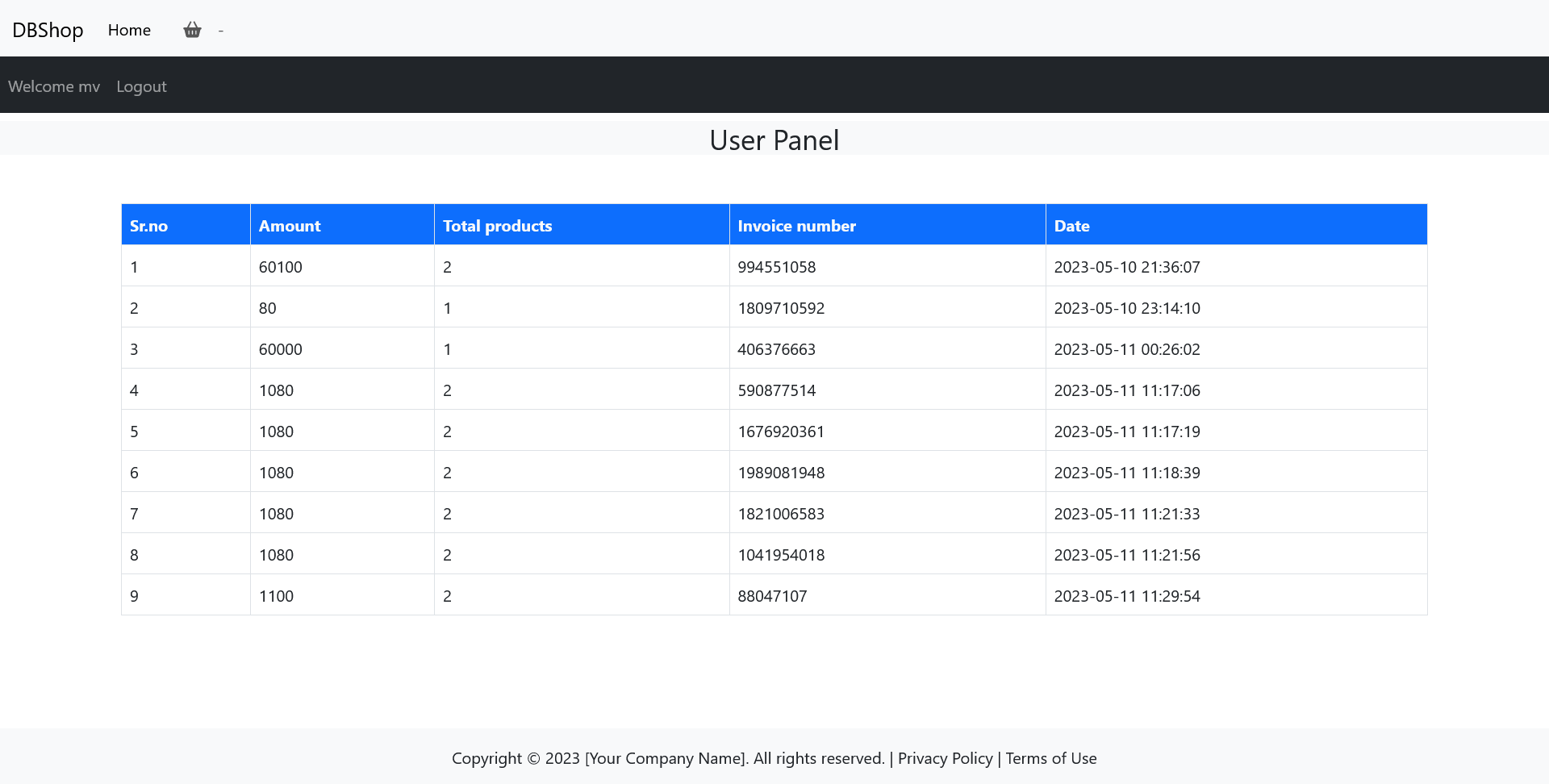
**Register Page:**



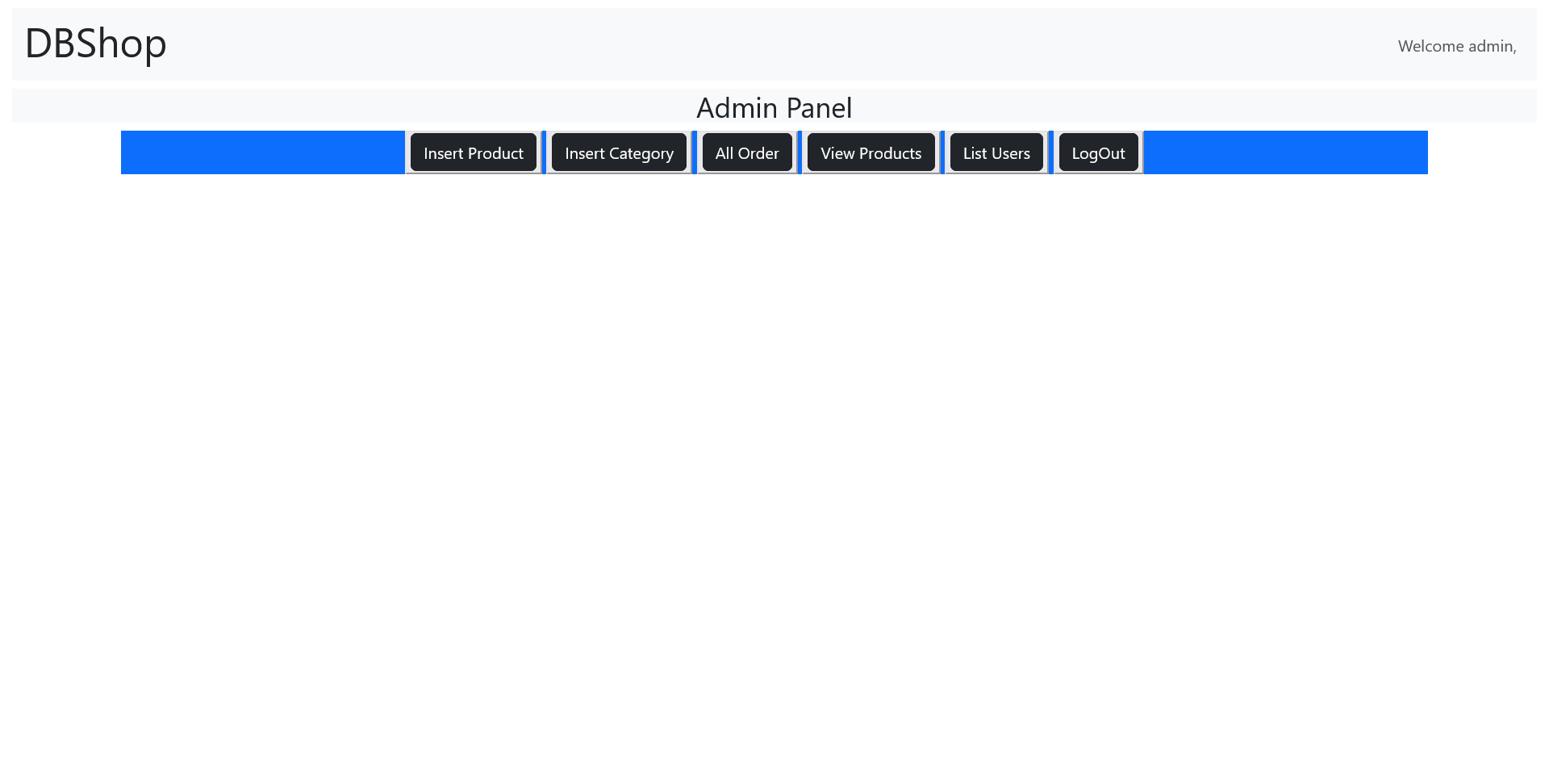
**Payment Page:**



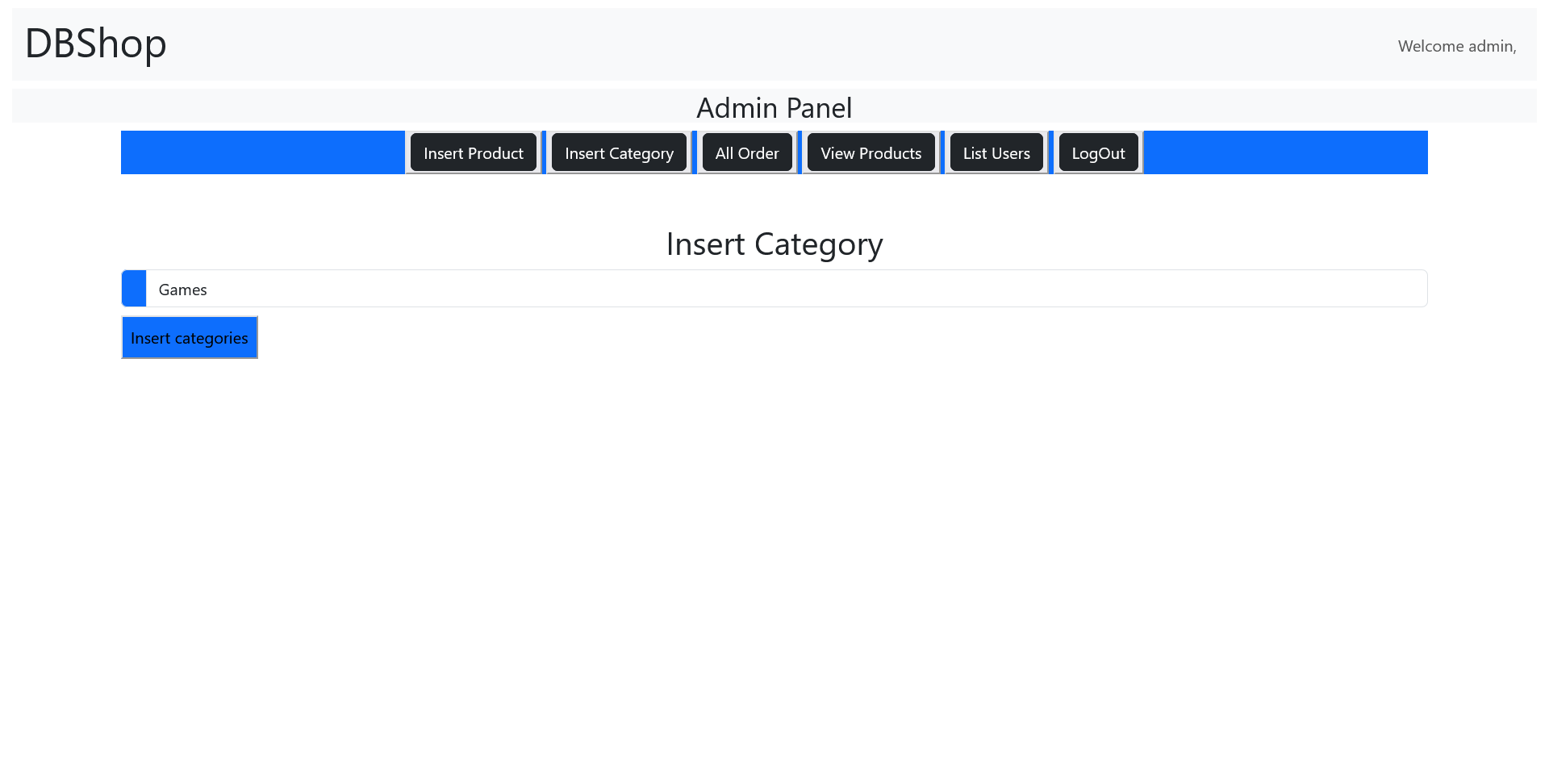
**Order History on User Panel:**



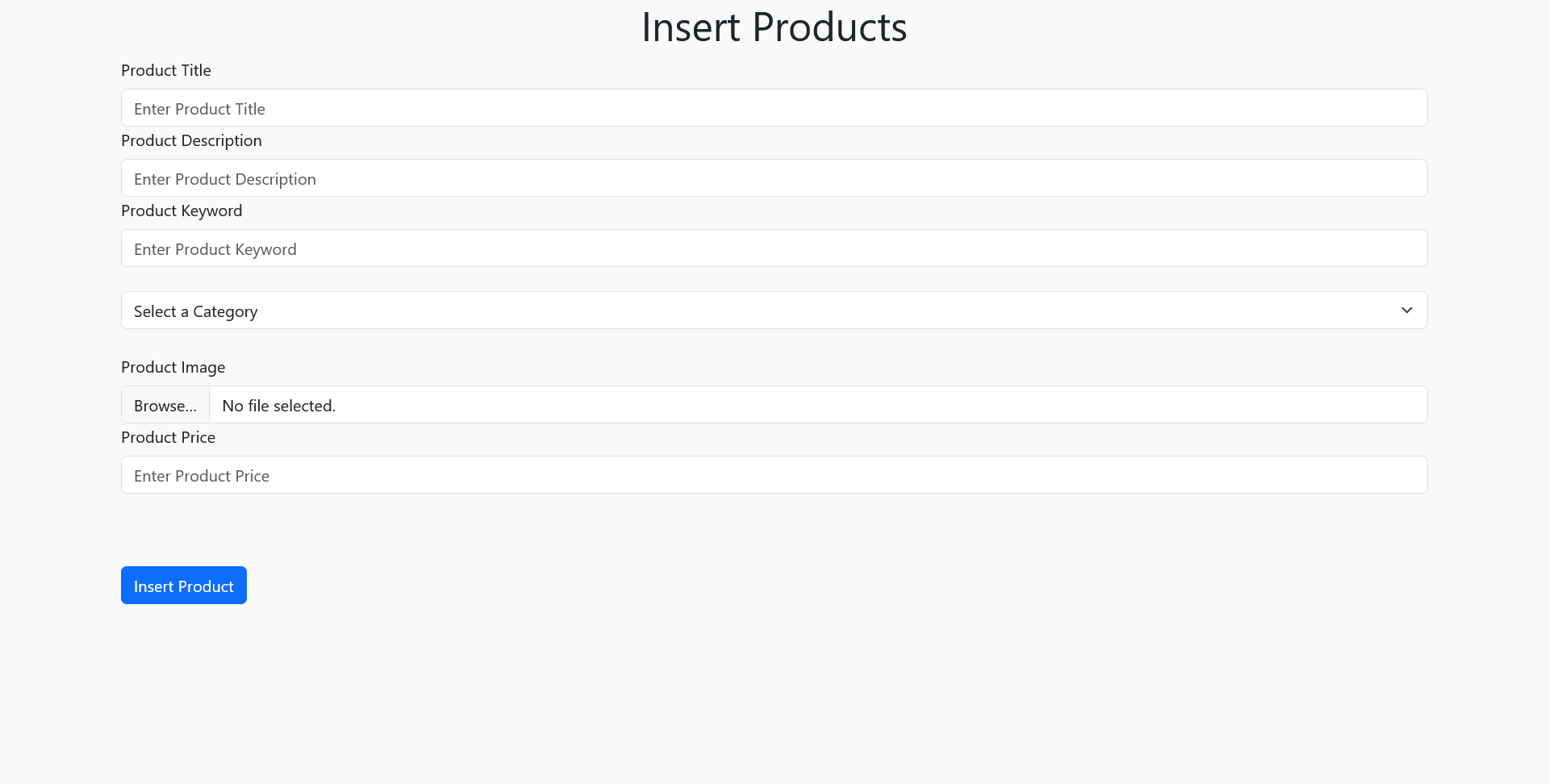
**Admin Panel Default View:**



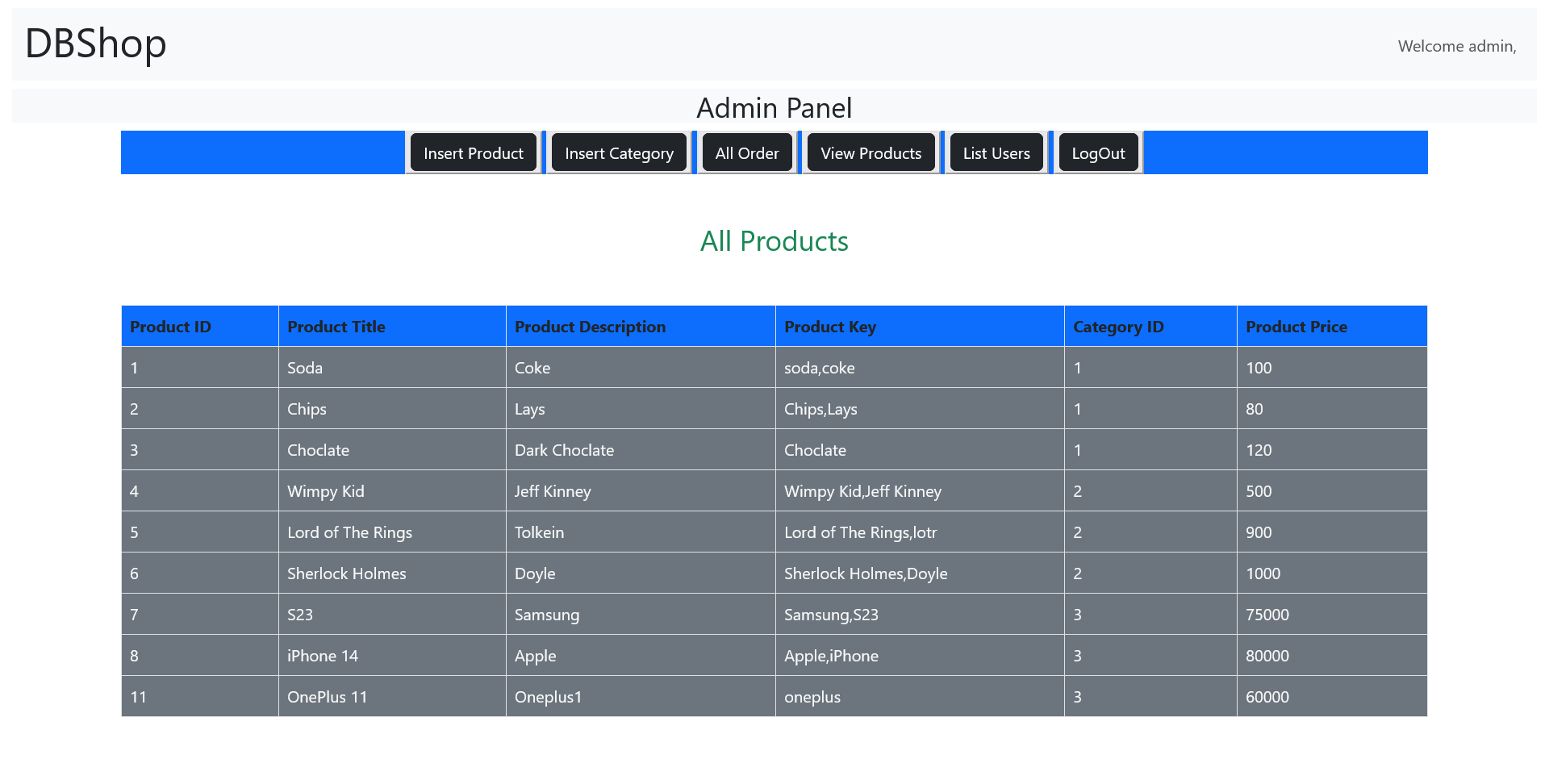
**Admin Panel Default View:**



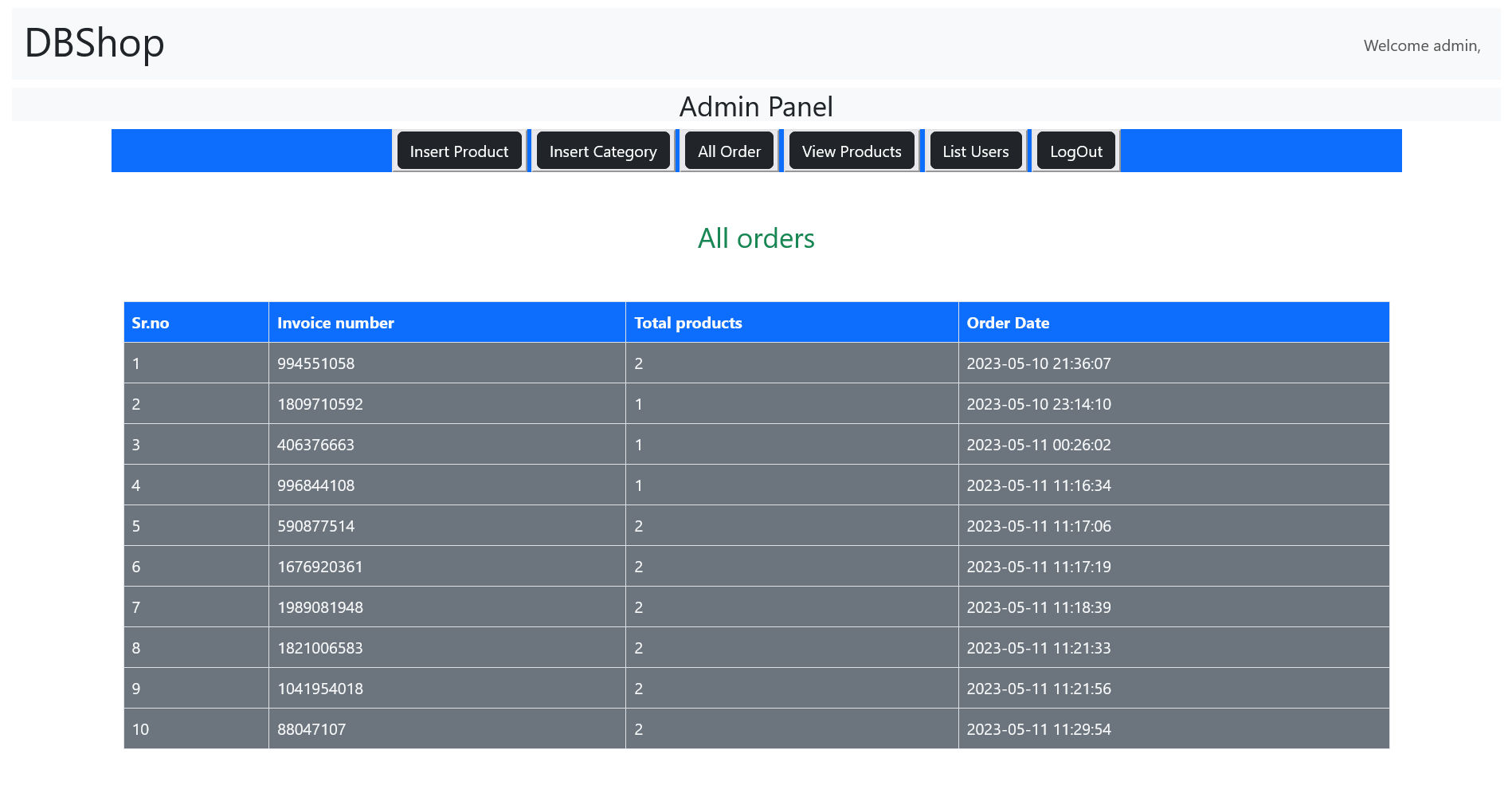
**Admin Panel Insert Products View:**



**Admin Panel View Products:**



**Admin Panel View Products:**



**Admin Panel View Users View:**

