# **OUTPUTS**

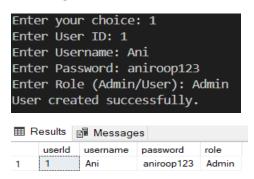
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CODING CHALLENGE: Order Management System

#### 1. Menu Driven Choices

```
Order Management System
1. Create User
2. Create Product
3. Create Order
4. Cancel Order
5. Get All Products
6. Get Orders by User
7. Exit
Enter your choice:
```

#### 2. Adding the User



# 3. Adding the Product

```
Enter your choice: 2
Enter User ID: 1
Enter Product ID: 1
Enter Product Name: Mouse
Enter Product Description: Wireless Mouse Battery AA
Enter Product Price: 350
Enter Product Quantity: 2
Enter Product Type (Electronics/Clothing): Electronics
Product created successfully.
```



## 4. Creating the Order

```
Enter your choice: 3
Enter User ID: 1
Enter Product ID (0 to finish): 1
Enter Product ID (0 to finish): 0
2
Order created successfully.

## Results Messages

Orderld Userld
1 2 1

## Results Messages

Orderld Productld Quantity
1 2 1

NULL
```

#### 5. Get all Products

```
Enter your choice: 5
All Products:
(1, 'Mouse', 'Wireless Mouse Battery AA', 350.0, 2, 'Electronics')
```

## 6. Get Orders by User

```
Enter your choice: 6
Enter User ID: 1
All Orders for User ID 1:
(2, 1)
```

#### 7. Cancel the Order

```
Enter your choice: 4
Enter User ID: 1
Enter Order ID: 2
Order cancelled successfully.
```

### 8. User Not Found Exception

```
Enter your choice: 4
Enter User ID: 5
Enter Order ID: 2
Error cancelling order: User with ID 5 not found.
```

# 9. Order Not Found Exception

```
Enter your choice: 4
Enter User ID: 1
Enter Order ID: 3
Error cancelling order: Order with ID 3 not found for user 1.
```