DATABASE MANAGEMENT SYSTEM (DBMS)

PROJECT TITLE:

INVENTORY MANAGEMENT SYSTEM

CONTRIBUTOR NAMES:

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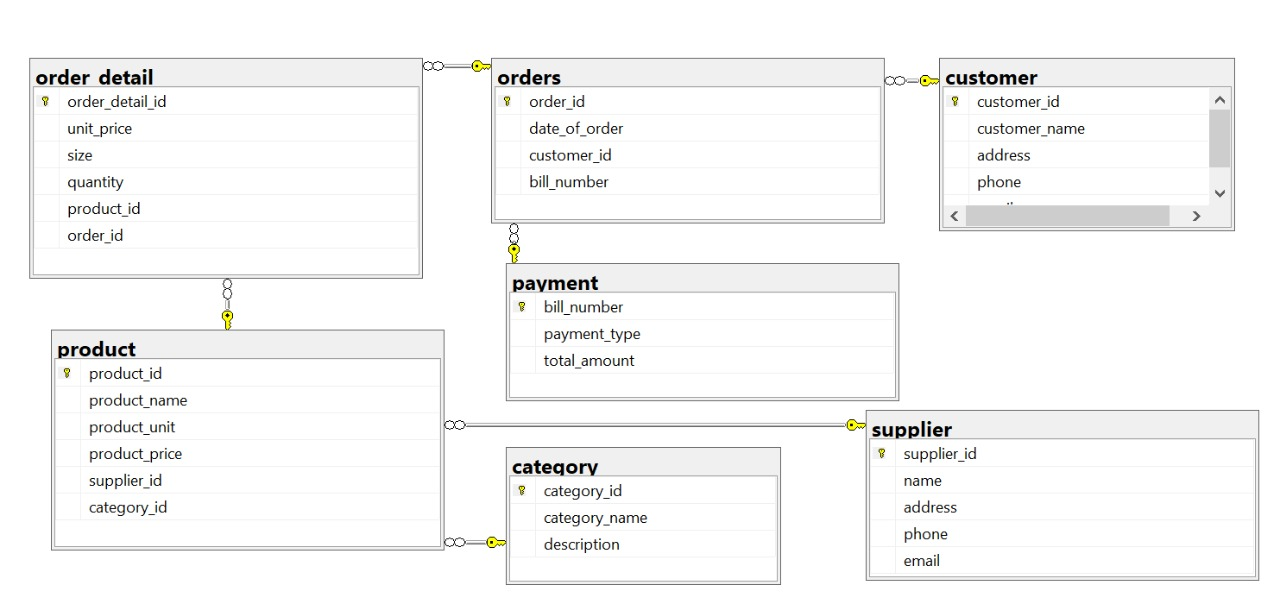
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* **PROBLEM STATEMENT:**

In inventory systems, demand is usually uncertain, and the lead-time can also vary. To avoid shortages, managers often maintain a safety stock. In such situations, it is not clear what order quantities and reorder points will minimize expected total inventory cost.

A food management database system is an app that allows the chief to search order, order history, track every purchase detail that the customer has done.

* **ERD DIAGRAM:**

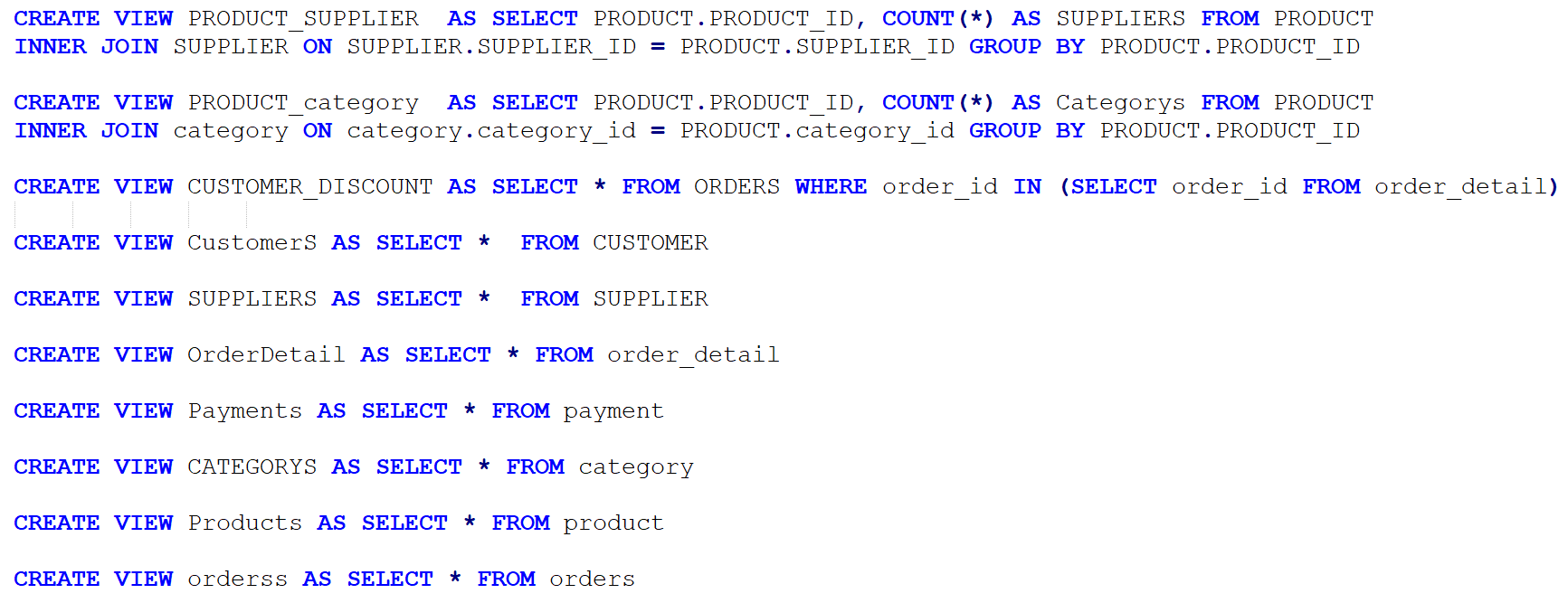
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* **Database Functionalities:**

**Tables:**

1. customer
2. orders
3. order detail
4. product
5. category
6. supplier
7. payment

**VIEWS:**



**Procedures:**

1. CUSTOM\_FILTER (It search for the customer by comparing it’s ID).
2. CUSTOMER\_VIEW (It will display all the customers detail).
3. CUSTOMER\_INSERT (It adds a new customer).
4. CUSTOMER\_UPDATE (It modifies the customers information).
5. CUSTOMER\_DELETE (It’ll delete customer record).
6. SUPPLIER\_FILTER, VIEWS, DML.
7. CATEGORY\_ FILTER, VIEWS, DML.
8. PAYMENT\_ FILTER, VIEWS, DML.
9. ORDERS\_ FILTER, VIEWS, DML.
10. PRODUCTS\_ FILTER, VIEWS, DML.
11. ORDERDETAIL\_ FILTER, VIEWS, DML.

Note: All the functions work the same with all the other Tables.

**Triggers:**

1. HISTORY\_PRODUCT (Whenever a person performs a DML Function, it will perform that operation and the date on which it’s done).
2. CHECK\_DATE (It checks whether the order date is valid or not).

**Functions:**

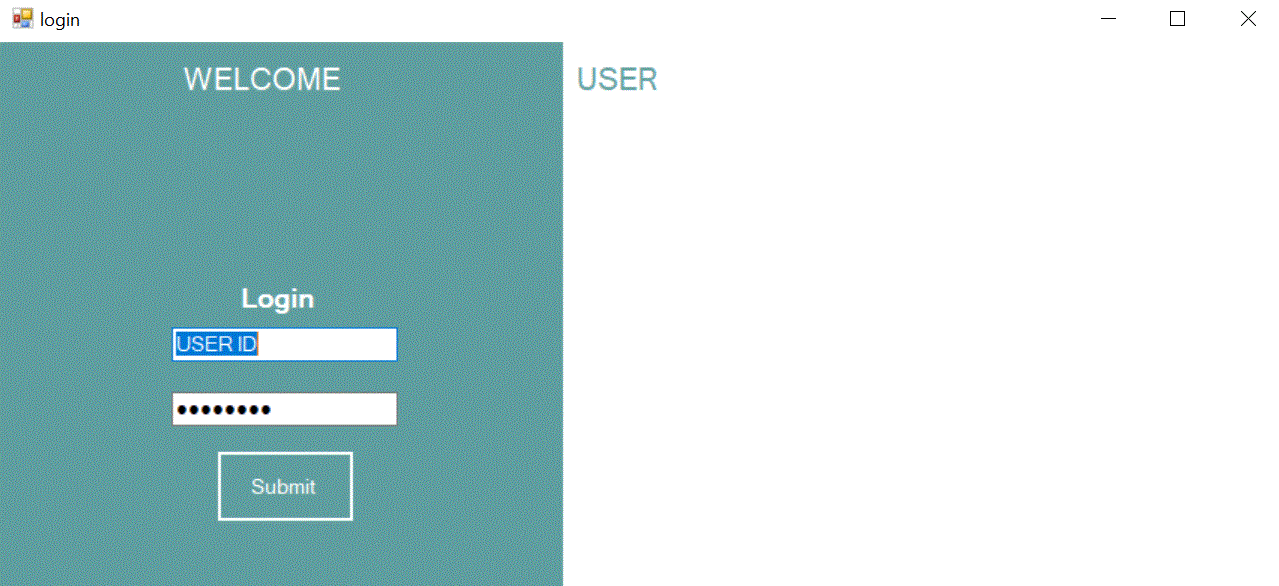
1. RECORD\_DATE (Returns the count of total order in that day).

* **NUMBER OF FORMS:**

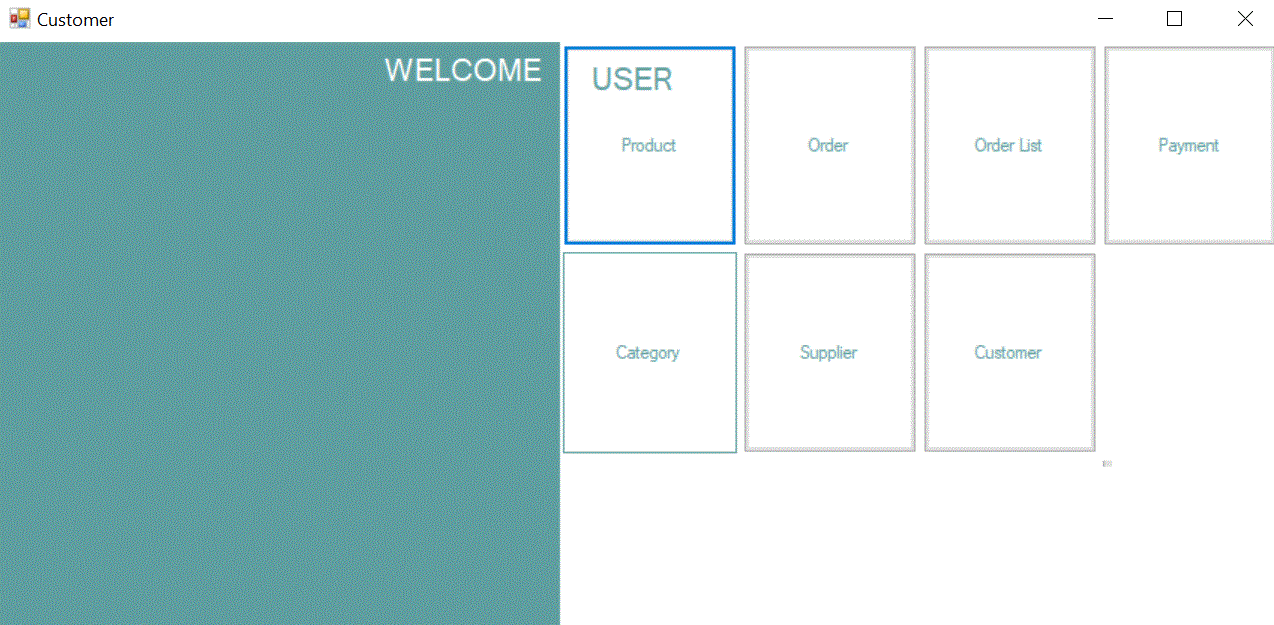
1. **Login Form**
2. **Home Form**
3. **Product Form**
4. **Product Category Form**
5. **Order Form**
6. **Order Detail Form**
7. **Payment Form**
8. **Customer Form**
9. **Supplier Form**

* **SCREENSHOT & DESCRIPTION OF FORMS:**

**Description: Login page for all the users i.e (admin)**



**Description: Home page to search the history related to the Order.**



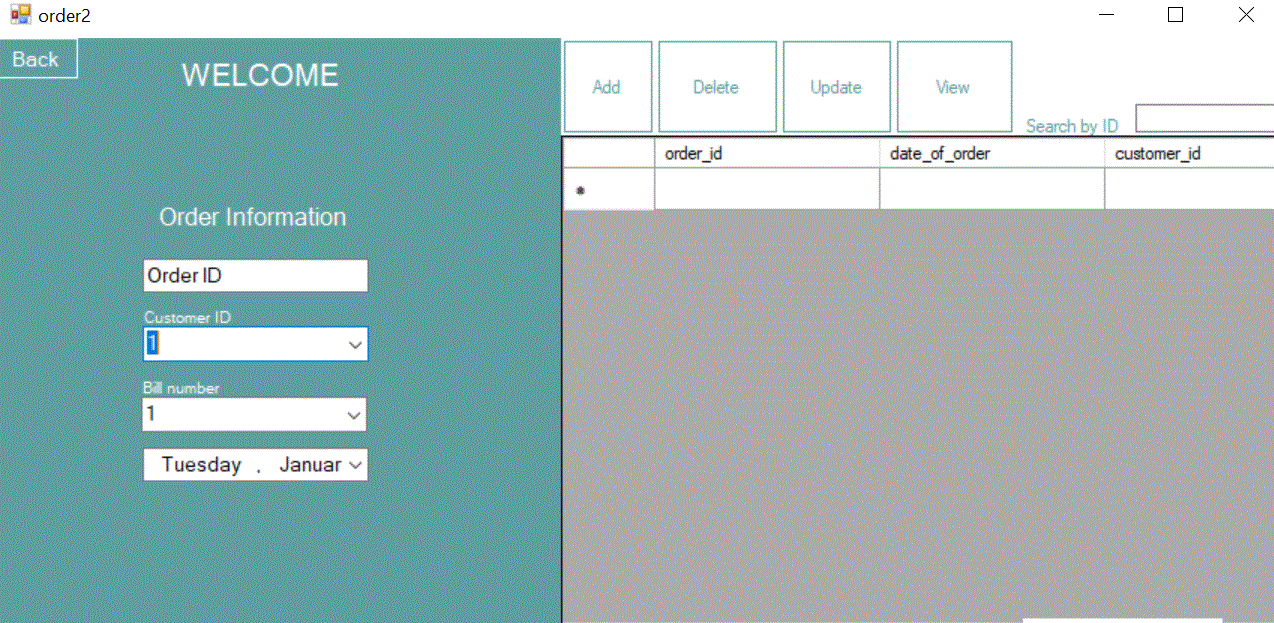
**Description: Product page to show the product details and to perform DML Functions.**



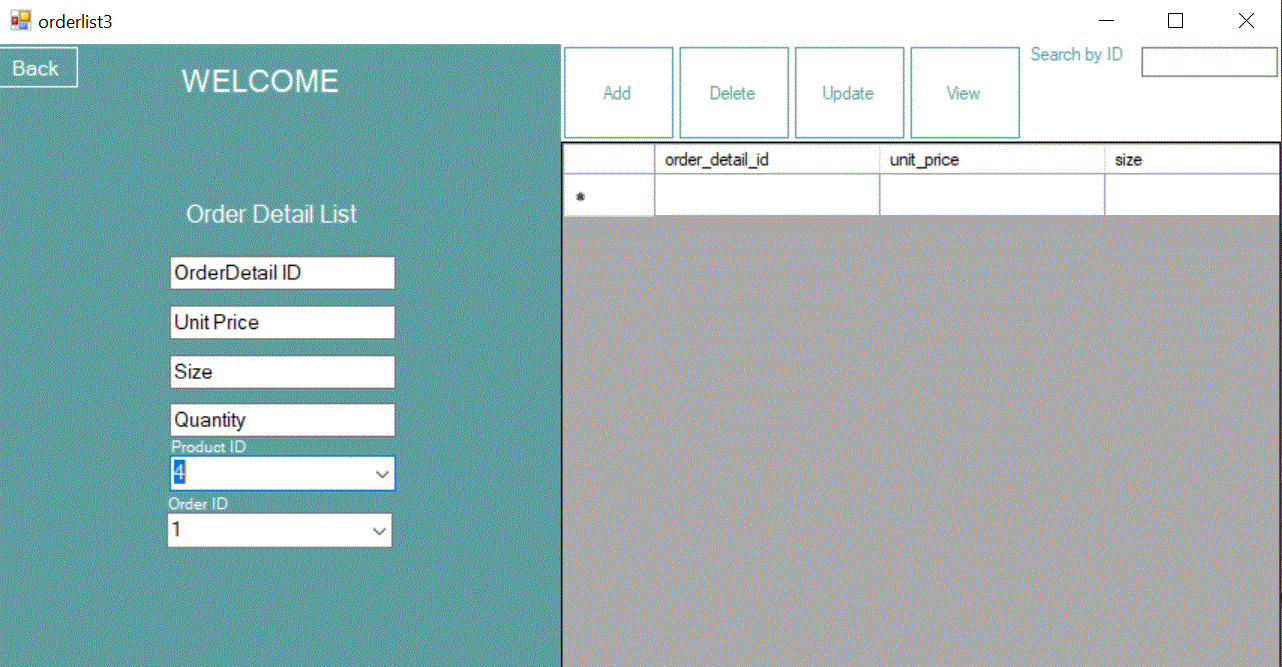
**Description: Product Category page shows different category of each item, and you can perform DML functions here as well.**



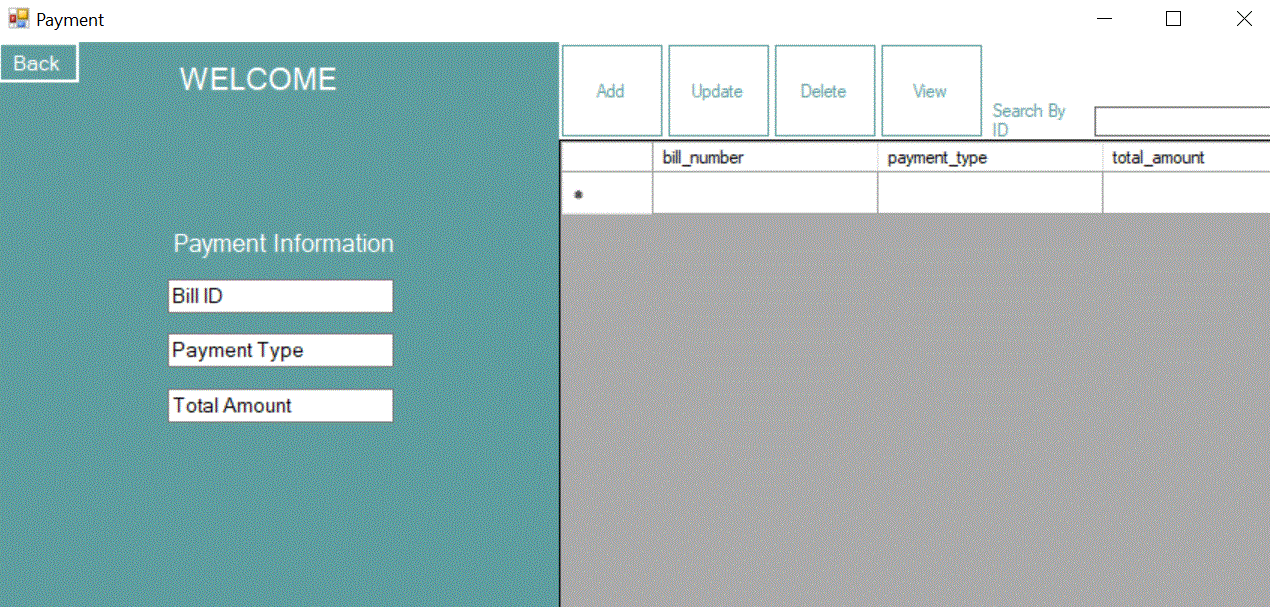
**Description: Order page will display all the orders placed and you can modify them as per your need.**



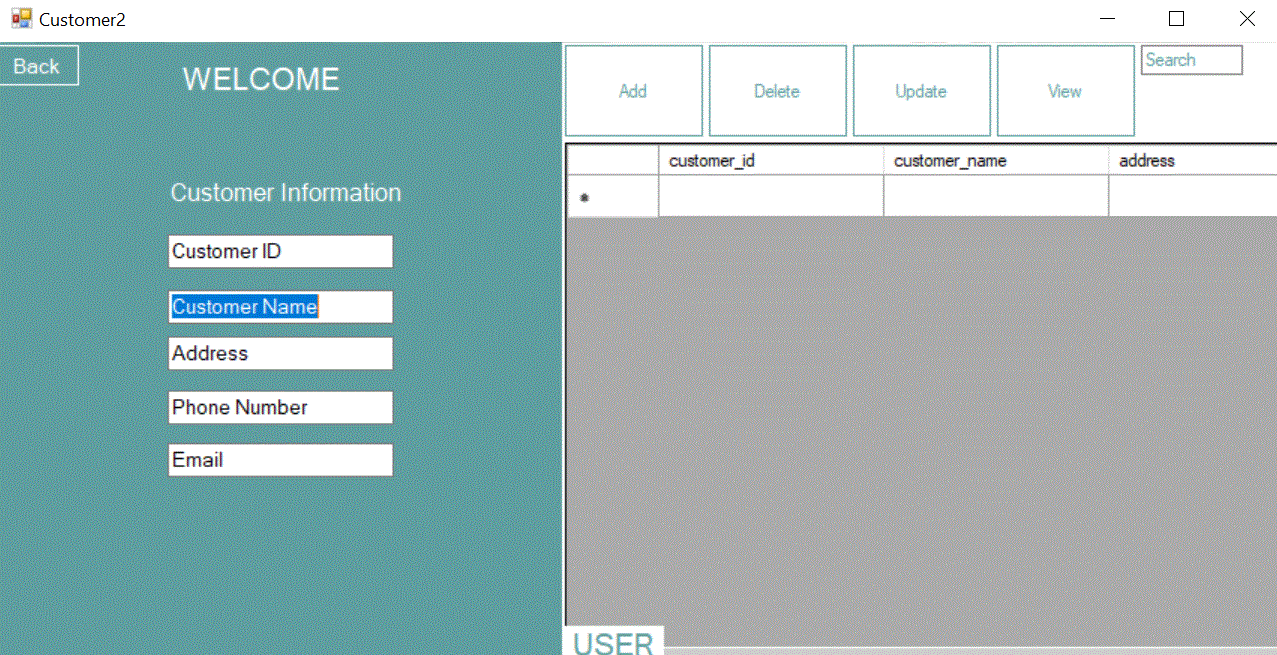
**Description: Order Detail page will illustrate all the orders placed and you can modify them as per your need.**



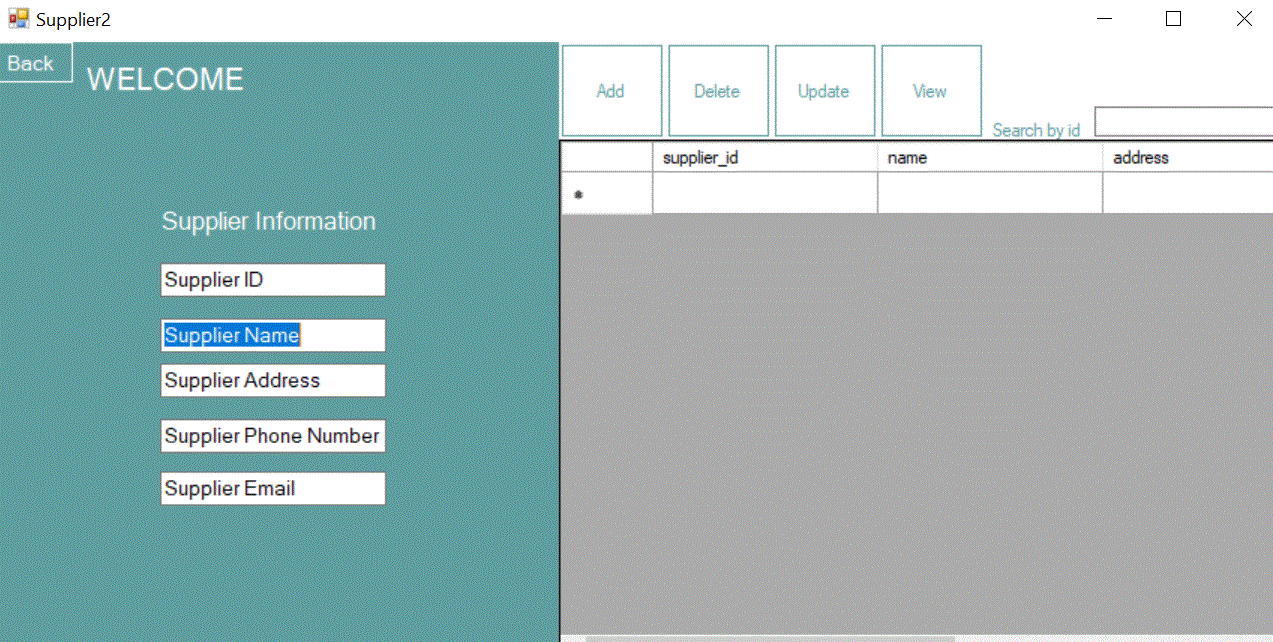
**Description: Payment page will store all the orders payment and you can perform DML Functions.**



**Description: Customer page will display the customer Information.**



**Description: Supplier page will display the detail about the supplier.**



**THE END**