

Customer_Q:

Report:

Function1: List the Customer Table:

```
SQL: SELECT *  
      FROM Customer_Q;
```

Function1: Count how many customer information we have stored:

```
SQL: SELECT COUNT(CustomerID)  
      FROM Customer_Q;
```

Find:

Function2: Find Customer by name:

```
SQL: SELECT *  
      FROM Customer_Q;
```

Function3: Find Customer by Phone:

```
SQL: SELECT *  
      FROM Customer_Q  
      WHERE Phone_Number = ? ;
```

Add:

```
SQL: INSERT INTO Customer_Q  
      VALUES (New ID, New Name, New Phone);
```

Remove:

```
DELETE FROM Customer_Q  
WHERE CustomerID = ?;
```

Modify:

```
UPDATE Customer_Q  
SET Phone_Number TO ???  
WHERE CustomerID = ???;
```

Product_Q:

Report:

Function1: Report all the product information

```
SQL: SELECT *  
      FROM Product;
```

Function5: Report the product prices in ascending order.

```
SQL: SELECT ProductID, Product_Name, Price,  
      FROM Product_Q  
      ORDER BY Price;
```

Function: Report the product prices in descending order.

```
SQL: SELECT ProductID, Product_Name, Price,  
      FROM Product_Q  
      ORDER BY Price DESC;
```

Find:

Function2: Find Product with specific description:

```
SQL: SELECT ProductID, Product_Description, Price  
      FROM Product_Q  
      WHERE ProductID= ?;
```

Function3: Find out the product with the highest price.

```
SQL: SELECT ProductID, Price  
      FROM Product  
      WHERE Price = (SELECT MAX(Price) FROM Product);
```

Function4: Find out the product with the lowest price.

```
SQL: SELECT ProductID, Price  
      FROM Product_Q  
      WHERE Price = (SELECT MIN(Price) FROM Product);
```

Add:

```
SQL: INSERT INTO Product_Q  
      VALUES (New ID, New Description, New Price, New On hand, New Ordered );
```

Remove:

```
DELETE FROM Product_Q  
WHERE Product_ID = ?;
```

Modify:

```
UPDATE Product_Q  
SET Price TO ???  
WHERE Product_ID = ???;
```

Employee_Q:

Report:

Function1: Report all the employees information:

```
SQL: SELECT *  
      FROM Employee_Q;
```

Function2: Report employees numbers we have:

```
SQL: SELECT COUNT (EmployeeID)  
      FROM Employee_Q;
```

Find:

Function1: Find an employee with a specific phone number:

```
SQL: SELECT EmployeeID, Employee_Name, Phone_Number  
      FROM Employee_Q  
      WHERE Phone_Number = ?;
```

Function2: Find an employee with a specific name:

```
SQL: SELECT EmployeeID, Employee_Name, Phone_Number  
      FROM Employee_Q  
      WHERE Employee_Name= ?;
```

Function3: Find an employee with a specific ID:

```
SQL: SELECT EmployeeID, Employee_Name, Phone_Number  
      FROM Employee_Q  
      WHERE EmployeeID= ?;
```

Add:

```
SQL: INSERT INTO Employee_Q  
      VALUES (New ID, New Name, New Hours, New Pay, New phone, New No. of  
              Dependents);
```

Remove:

```
DELETE FROM Employee_Q  
WHERE Employee_ID = ?;
```

Modify:

```
UPDATE Employee_Q  
SET Pay TO ???  
WHERE Employee_ID = ???;
```

Dependent_Q:**Report:**

Function1: Report all the dependent information

```
SQL: SELECT *  
      FROM Dependent_Q;
```

Find:

Function2: Find dependent information by ID:

```
SELECT dependent_ID, dependent_name, relationship, phone_number  
FROM Dependent_Q  
WHERE Dependent_ID = ?;
```

Add:

```
SQL: INSERT INTO Dependent_Q  
      VALUES (New dependent ID, New Employee ID, New dependent Name, New  
              Relationship, New Phone Number);
```

Remove:

```
DELETE FROM Dependent_Q  
WHERE Dependent_ID = ?;
```

Modify:

```
UPDATE Dependent_Q  
SET Phone_Number TO ???  
WHERE Dependent_ID = ???;
```

Store_Q:**Report:**

Function1: Report all the store information

```
SQL: SELECT *  
      FROM Store;
```

Find:

Function2: Find Store by store_ID

```
SQL: SELECT *  
      FROM Store  
      WHERE store_id = ?;
```

Add:

```
SQL: INSERT INTO Store_Q  
      VALUES (New id, Contact, Location, Inventory);
```

Remove:

```
DELETE FROM Store_Q  
WHERE Store_ID = ?;
```

Modify:

```
UPDATE Store_Q  
SET Inventory TO ???  
WHERE Store_ID = ???;
```

Supplier_Q:

Report:

Function1: Report all the supplier information

```
SQL: SELECT *  
      FROM Supplier_Q;
```

Function3: Report Supplier numbers we have

```
SQL: SELECT COUNT(Supplier_ID)  
      FROM Supplier_Q
```

Find:

Function2: Find Supplier by Supplier Name

```
SQL: SELECT *  
      FROM Supplier_Q  
      WHERE Supplier_Name =?;
```

Add:

```
SQL: INSERT INTO Supplier_Q  
VALUES (New id, Name, Contact);
```

Remove:

```
DELETE FROM Supplier_Q  
WHERE Supplier_ID = ?;
```

Modify:

```
UPDATE Supplier_Q  
SET Contact TO ???  
WHERE Supplier_ID = ???;
```

Order_Q:**Report:**

Function1: List all orders placed

```
SQL: SELECT *  
FROM order_Q;
```

Find:

Function2: Find orders by Date:

```
SELECT *  
FROM Order_Q  
WHERE Order_date = ?;
```

Function3: Find the product information of a certain Order

```
SELECT Order_ID, Product_ID, Product_Amount  
FROM Order_Q  
Where Order_ID = ?;
```

Add:

```
SQL: INSERT INTO Order_Q  
VALUES (New id, Amount, Product_ID, Date);
```

Remove:

```
DELETE FROM Order_Q
```

WHERE Order_ID = ?;

Modify:

```
UPDATE Order_Q  
SET Order_Date TO ???  
WHERE Order_ID = ???;
```