Information Systems and Data Modeling – IT1090

Title: (Online Pharmacy Portal)



Assignment

The. (Online Pharmacy Portal)	
Batch Number: (Y1.S2.WD.CSNE.01.01)	Group Number: (MLB_CSNE_01.01_03)

Declaration:

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1.0 Introduction

When we deeply dive into the problems of the modern world, we recognize so many problems related to the medical industry. We are therefore attempting to identify the best fix for such issues. We can see that everyone's life is made easier by the internet. We can create an portal related to online pharmacy services using the power of technology.

At our online pharmacy portal we understand the importance of providing healthcare services with maximum convenience and efficiency for the users. Users can effortlessly explore a wide range of pharmaceutical products, including prescription and over the counter remedies from our platform. Ensuring a seamless and safe user experience is our top priority. We guarantee trust in every transaction by enforcing stringent private policies and using safe payment methods to safeguard our client's sensitive information.

The online pharmacy system was created for the ISDM module using entity relationship diagram and a sample database, respectively. The online pharmacy scenario allows customers to login to their accounts by entering their username and password into the online pharmacy system. A database is necessary because managing a computer based stored data system is simpler than managing written or typed documents.

2.0 Hypothetical scenario

In this scenario, the online pharmacy portal serves customers conveniently. Consider a situation where a patient called Nuwan wants to get some medical pills for his cholesterol situation. He logs into the system using his account and provide his prescription details issued by doctor, Dr. Dinesh Perera including doctors' details. Regarding the prescription issued by the doctor, Nuwan can order relevant medicine.

After that Nuwan places an Order for required medication using the portal, the portal automatically assigns a delivery service with a sales representative, and the order details are sent to Nuwan's account and Nuwan can track the delivery process.

The administrator at the portal overseas the order process and ensures that Nuwan's medication delivered on time and without any disturbance. If there are any issues related to the above process, Nuwan always can contact the support team of the online pharmacy portal for any matter regarding to his order. Overall, the online pharmacy portal streamlines the process for patients like Nuwan, providing a seamless healthcare experience. Also, he has the facility to return his products under some terms and conditions.

3.0 Requirement Analysis

3.1 Main requirements for the website.

3.1.1 Functional requirements

Online pharmacy portal system has functionalities like login, confirmation, money transaction, customer information, doctor details, delivery service details, sales report details and administrator controls. Customers and administrators can access to the system by different platforms like mobile phones, desktop computers and laptops.

User customer requirements

Basically, customer use this system to order medicine and get delivered it to their household. They must have their doctor's permission for this process. Without that user cannot buy medicine from the online pharmacy portal.

- Users can change their passwords and usernames.
- User can log out from the system.
- User can transfer money to the pharmacy account after buying products.
- User can select medicine from a variety of brands.
- User can order medicine.
- Users can add customer inquiries.

Administrator requirements

Administrator has most of the higher-level access for the system.

- Admin can login/logout from the system.
- Admin can have access to the sales reports.
- Admin has access to all money transactions.
- Admin can manage orders.
- Admin can shut down the system if required.

Software development team can

- Access the backend.
- Adding updates to the system.

System requirements

- System needs to store all the user information, usernames, passwords, account details.
- System needs to store all transaction details.
- System needs to store order details and sales reports.
- System allows to customer profile managements.
- Check the login details every time customer requires access.
- System should have the space to expand the database if needed.

3.1.2 Non-Functional requirements

Requirements that are not directly related to the information system but highly affect its performance, reliability, security, scalability, usability, maintainability, compatibility, and regulatory compliance are called Non-Functional Requirements. These requirements are crucial to give the expected user requirements and to get the desired output from the information system.

Performance Requirements

- 24/7 availability
- Scalability
- Stability
- Speed Response
- Throughput
- Concurrency
- Stability
- Minimum data processing time

Reliability Requirements

- Fault Tolerance
- Recovery Time Objective (RTO)
- Data Integrity
- Error Handling

- Backup
- Software Updates
- Monitoring and Alerting

Security Requirements

- Access Control
- Authentication
- Authorization
- Data Encryption
- Auditing and Logging
- Security Patch Management
- Physical Security
- Compliance Requirements

Maintainability Requirements

- Code Readability and Documentation
- Testability
- Error handling
- Dependency Management
- Support for Automated Deployment

Other Requirements

- Cost savings for both the pharmacy and the customer
- Training and Knowledge Transfer to System Administrators and staff
- Data Retention and Archiving

Regulatory compliance requirements

- Data Privacy Regulations (GDPR, CCPA, etc.) and Data Security Standards
- Security Standards
- Financial Regulations
- Healthcare and Safety Regulations
- Telecommunication Standards
- Ethical Standards

3.2 Data Requirements

1. Customer

- CustomerID
- Address
- StaffID
- Phone
- Email
- Age
- FirstName
- Last name

2. CustomerCart:

- CartID
- Quantity
- LastModified
- CreatedAt

3. SalesRepresentative:

- StaffID
- FirstName
- LastName
- Email
- Phone

4. Supplier:

- SupplierID
- SupplierName
- Address
- BussinessName
- Email
- Phone

5. CustomerPayments:

- PaymentID
- PaymentMethod
- OrderID
- PaymentDate
- Amount paid

6. UserLogin:

- UserID
- UserName
- AccountStatus
- UserType
- Password

7. CustomerInquaries:

- InquiryID
- Status
- Description
- InquiryDate
- Subject

8. Prescription:

- PrescriptionID
- MedicationDetails
- PresceiptionDate

9. Order_0:

- OrderID
- CartID
- OrderDate
- Status
- Quantity

10.Product:

- ProductID
- ProductName
- Description
- Price
- QuantityAvaliable

11. Administator:

- AdminID
- Name
- Phone
- Email

12.Doctor:

- DoctorID
- Name
- Email
- Phone

13. DeliveryServices:

- ServicePersonID
- DeliveringDate
- ContactNo

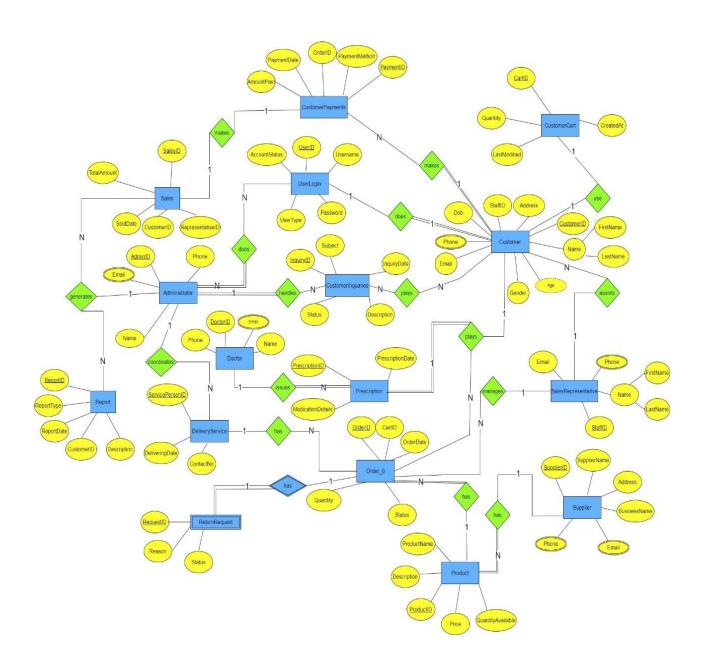
14. Report:

- ReportID
- CustomerID
- ReportType
- ReportDate
- Description

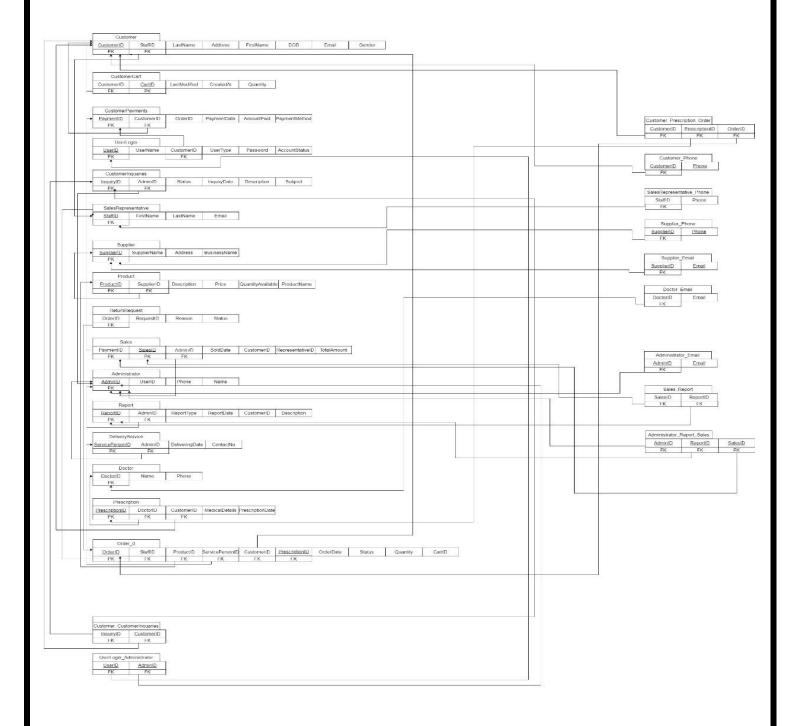
15. ReturnRequest:

- RequestID
- Reason
- Status

4.0 ER Diagram



5.0 Relational Schema



6.0 SQL Queries

```
/* Table Administrator */
create table Administrator(
     AdminID varchar(10) not null,
     UserID varchar(10) not null,
     Phone decimal(10,0) not null,
     Name varchar(100) not null,
     constraint AdminID PK PRIMARY KEY(AdminID)
);
/* Table Administrator Email */
CREATE TABLE Administrator_Email(
     AdminID varchar(10) NOT NULL,
     Email varchar(40) CHECK(Email LIKE '%@%. %') not null,
     CONSTRAINT Administrator Email AdminID FK1 FOREIGN KEY (AdminID) REFERENCES
Administrator(AdminID),
);
/* Table Supplier */
create table Supplier (
       SupplierID varchar(10) not null,
       supplierName varchar(100) not null,
       address varchar(100) not null,
       BusinessName varchar(100) not null,
       constraint Supplier_PK PRIMARY KEY(SupplierID)
);
/* Table Supplier Phone */
CREATE TABLE Supplier_Phone(
     SupplierID varchar(10) NOT NULL,
     Phone decimal(10,0) not null,
     CONSTRAINT Supplier_Phone_SupplierID_FK1 FOREIGN KEY (SupplierID) REFERENCES
Supplier(SupplierID),
);
/* Table Supplier Email */
CREATE TABLE Supplier Email(
     SupplierID varchar(10) NOT NULL,
     Email varchar(40) CHECK(Email LIKE '%@%._%') not null,
     CONSTRAINT Supplier Email SupplierID FK1 FOREIGN KEY (SupplierID) REFERENCES
Supplier(SupplierID),
);
/* Table Doctor */
create table Doctor (
       DoctorID varchar(10) not null,
      Name varchar(100) not null,
```

```
Phone decimal(10,0) not null,
       constraint Doctor PK PRIMARY KEY(DoctorID)
);
/* Table Doctor Email */
CREATE TABLE Doctor Email(
     DoctorID varchar(10) NOT NULL,
     Email varchar(40) CHECK(Email LIKE '%0%. %') not null,
     CONSTRAINT Doctor Email DoctorID FK1 FOREIGN KEY (DoctorID) REFERENCES
Doctor(DoctorID),
);
/* Table SalesRepresentative */
CREATE Table SalesRepresentative(
       StaffID varchar(10) not null,
    FirstName varchar(100) NOT NULL,
       LastName varchar(100) NOT NULL,
       Email varchar(40) CHECK(Email LIKE '%0%. %') not null,
       constraint SalesRepresentative StaffID PK PRIMARY KEY(StaffID),
);
/* Table SalesRepresentative Phone */
CREATE TABLE SalesRepresentative Phone(
     StaffID varchar(10) NOT NULL,
     Phone decimal(10,0) not null,
     CONSTRAINT SalesRepresentative_Phone_StaffID_FK1 FOREIGN KEY (StaffID) REFERENCES
SalesRepresentative(StaffID),
);
/* Table Customer */
Create table customer(
       CustomerID varchar(10) not null,
       StaffID varchar(10) not null,
       FirstName varchar(100) not null,
       LastName varchar(100) not null,
       Address varchar(100) not null,
       DOB date not null,
       Email varchar(40) CHECK(Email LIKE '%@%._%') not null,
       constraint Customer_PK PRIMARY KEY(CustomerID),
       constraint Customer_StaffID_FK FOREIGN KEY(StaffID) REFERENCES
SalesRepresentative(StaffID)
);
/* Table CustomerCart */
create table CustomerCart(
       CartID varchar(10) not null,
       CreatedAt date not null,
       LastModified date not null,
       Quantity int not null,
       constraint CustomerCart PK PRIMARY KEY(CARTID)
);
/* Table CustomerPayments */
```

```
create table CustomerPayments(
       PaymentID varchar(10) not null,
       CustomerID varchar(10) not null,
    OrderID varchar(10) not null,
       PaymentDate date not null,
       AmountPaid varchar(10) not null,
       PaymentMethod varchar(100) not null,
       constraint CustomerPayments PK PRIMARY KEY(PaymentID),
       constraint CustomerPayments_cusiomerID_FK FOREIGN KEY(CustomerID) REFERENCES
Customer(CustomerID)
);
/* Table Report */
create table Report (
       ReportID varchar(10) not null,
       AdminID varchar(10) not null,
       ReportType varchar(100) not null,
       ReportDate date not null,
       Description varchar(100) not null,
       CustomerID varchar(10) not null,
       constraint Report_PK PRIMARY KEY(ReportID),
       constraint Report AdminID FK FOREIGN KEY(AdminID) REFERENCES
Administrator(AdminID)
/* Table Product */
create table Product(
       ProductID varchar(10) not null,
       SupplierID varchar(10) not null,
       Description varchar(100) not null,
       Price char(10) not null,
       QuantityAvailable char(10) not null,
       ProductName varchar(100) not null,
       constraint Product_PK PRIMARY KEY(ProductID),
       constraint Product_supplierID_FK FOREIGN KEY(SupplierID) REFERENCES
Supplier(SupplierID)
);
/* Table CustomerInquaries */
create table CustomerInquries(
       InquiryID varchar(10) not null,
       AdminID varchar(10) not null,
       Status varchar(100) not null,
       InquiryDate date not null,
       Description varchar(100) not null,
       Subject varchar(100) not null,
       constraint CustomerInquries PK PRIMARY KEY(InquiryID),
       constraint CustomerInquries_FK FOREIGN KEY(AdminID) REFERENCES
Administrator(AdminID)
);
/* Table DeliveryService */
```

```
create table DeliveryService(
       ServicePersonID varchar(10) not null,
       AdminID varchar(10) not null,
       DeliveringDate date not null,
       ContactNo int not null,
       constraint DeliveryService PK PRIMARY KEY(ServicePersonID),
       constraint DeliveryService_adminID_FK FOREIGN KEY(AdminID) REFERENCES
Administrator(AdminID)
);
/* Table UserLogin */
Create table UserLogin(
      UserID varchar(10) not null,
       UserName varchar(100) not null,
       CustomerID varchar(10) not null,
       UserType varchar(100) not null,
       Password varchar(100) not null,
       Accountstatus varchar(100) not null,
       constraint UserLogin PK PRIMARY KEY(UserID),
       constraint UserLogin StaffID FK FOREIGN KEY(CustomerID) REFERENCES
Customer(CustomerID)
);
/* Table Customer_CustomerInquaries */
create table Customer CustomerInguaries (
       InquiryID varchar(10) not null,
       CustomerID varchar(10) not null,
       constraint Customer CustomerInquaries InquiryID FK FOREIGN KEY(InquiryID)
REFERENCES CustomerInquries(InquiryID),
       constraint Customer_CustomerInquaries_CustomerID_FK FOREIGN KEY(CustomerID)
REFERENCES Customer(CustomerID)
/* Table UserLogin_Administrator */
create table UserLogin Administrator (
       UserID varchar(10) not null,
       AdminID varchar(10) not null,
       constraint UserLogin Administrator UserID FK FOREIGN KEY(UserID) REFERENCES
UserLogin(UserID),
       constraint Customer_UserLogin_Administrator_AdminID_FK FOREIGN KEY(AdminID)
REFERENCES Administrator(AdminID)
/* Table Sales */
create table Sales(
       SalesID varchar(10) not null,
       PaymentID varchar(10) not null,
       AdminID varchar(10) not null,
       SoldDate date not null,
       CustomerID varchar(10) not null,
       RepresentativeID varchar(10) not null,
    TotalAmount char(6) not null,
```

```
constraint Sales_PK PRIMARY KEY(SalesID),
       constraint Sales paymentID FK1 FOREIGN KEY(PaymentID) REFERENCES
CustomerPayments(PaymentID),
       constraint Sales_adminID_FK2 FOREIGN KEY(AdminID) REFERENCES
Administrator(AdminID)
);
/* Table Customer Phone */
CREATE TABLE Customer Phone(
     CustomerID varchar(10) NOT NULL,
     Phone decimal(10,0) not null,
     CONSTRAINT Customer Phone CustomerID FK1 FOREIGN KEY (CustomerID) REFERENCES
Customer(CustomerID),
);
/* Table Sales Report */
CREATE TABLE Sales Report(
     SalesID varchar(10) NOT NULL,
     ReportID varchar(10) NOT NULL,
     CONSTRAINT Sales Report SalesID FK1 FOREIGN KEY (SalesID) REFERENCES Sales(SalesID),
     CONSTRAINT Sales Report ReportID FK1 FOREIGN KEY (ReportID) REFERENCES
Report(ReportID),
);
/* Table Administrator Report Sales */
CREATE TABLE Administrator_Report_Sales(
     AdminID varchar(10) NOT NULL,
     ReportID varchar(10) NOT NULL,
     SalesID varchar(10) NOT NULL,
     CONSTRAINT Administrator_Report_Sales_AdminID_FK1 FOREIGN KEY (AdminID) REFERENCES
Administrator(AdminID),
     CONSTRAINT Administrator Report Sales ReportID FK1 FOREIGN KEY (ReportID) REFERENCES
Report(ReportID),
     CONSTRAINT Administrator_Report_Sales_SalesID_FK1 FOREIGN KEY (SalesID) REFERENCES
Sales(SalesID),
);
/* Table Prescription */
create table Prescription(
       PrescriptionID varchar(10) not null,
       DoctorID varchar(10) not null,
       CustomerID varchar(10) not null,
       MedicalDetails varchar(200) not null,
       PrescriptionDate date not null,
       constraint PrescriptionID PK PRIMARY KEY(PRESCRIPTIONID),
       constraint Prescription DoctorID FK1 FOREIGN KEY(DOCTORID) REFERENCES
Doctor(DOCTORID),
       constraint Prescription CustomerID FK2 FOREIGN KEY(CustomerID) REFERENCES
Customer(CustomerID)
);
/* Table Orders 0 */
```

```
create table Order_0(
       OrderID varchar(10) not null,
       StaffID varchar(10) not null,
       ProductID varchar(10) not null,
       ServicePersonID varchar(10) not null,
       CustomerID varchar(10) not null,
       PrescriptionID char(10) not null,
       Status varchar(100) not null,
       constraint Order PK PRIMARY KEY(OrderID),
       constraint Order 0 staffID FK1 FOREIGN KEY(StaffID) REFERENCES
SalesRepresentative(StaffID),
       constraint Order 0 productID FK2 FOREIGN KEY(ProductID) REFERENCES
Product(ProductID),
       constraint Order 0 servicePersonID FK3 FOREIGN KEY(ServicePersonID) REFERENCES
DeliveryService(ServicePersonID),
       constraint Order 0 customerID FK4 FOREIGN KEY(CustomerID) REFERENCES
Customer(CustomerID)
);
/* Table Customer Prescription Order */
CREATE TABLE Customer_Prescription_Order(
     CustomerID varchar(10) NOT NULL,
     PrescriptionID varchar(10) NOT NULL,
     OrderID varchar(10) NOT NULL,
     CONSTRAINT Customer_Prescription_Order_CustomerID_FK1 FOREIGN KEY (CustomerID)
REFERENCES Customer(CustomerID),
     CONSTRAINT Customer Prescription Order PrescriptionID FK2 FOREIGN KEY
(PrescriptionID) REFERENCES Prescription(PrescriptionID),
     CONSTRAINT Customer_Prescription_Order_OrderID_FK2 FOREIGN KEY (OrderID) REFERENCES
Order_0(OrderID)
);
-- Sample data for Administrator table
INSERT INTO Administrator (AdminID, UserID, Phone, Name)
VALUES
('A001', 'U001', 0774567890, 'Anura Perera'),
('A002', 'U002', 0775678901, 'Kamal Fernando'),
('A003', 'U003', 0776789012, 'Nirosha Silva'),
('A004', 'U004', 0777890123, 'Thilini Gunasekara'),
('A005', 'U005', 0778901234, 'Chamara Jayawardena');
-- Sample data for Administrator_Email table
INSERT INTO Administrator Email (AdminID, Email)
VALUES
('A001', 'anura.perera@gmail.com'),
('A002', 'kamal.fernando@yahoo.com'),
('A003', 'nirosha.silva@outlook.com'),
('A004', 'thilini.gunasekara@hotmail.com'), ('A005', 'chamara.jayawardena@gmail.com');
```

```
-- Sample data for Supplier table
INSERT INTO Supplier (SupplierID, supplierName, address, BusinessName)
VALUES
('SP001', 'Lanka Pharma', 'No. 15, Colombo 7', 'Lanka Pharmaceuticals Ltd'),
('SP002', 'Ceylon Medics', 'No. 23, Kandy Road', 'Ceylon Medics Pvt Ltd'), ('SP003', 'Galle Pharma', 'No. 5, Galle Fort', 'Galle Pharma Ltd'),
('SP004', 'Matara Medics', 'No. 12, Matara Road', 'Matara Medics Pvt Ltd'),
('SP005', 'Jaffna Pharma', 'No. 45, Jaffna Town', 'Jaffna Pharmaceuticals Ltd');
-- Sample data for Supplier Phone table
INSERT INTO Supplier Phone (SupplierID, Phone)
VALUES
('SP001', 0774567891),
('SP002', 0775678902),
('SP003', 0776789013),
('SP004', 0777890124),
('SP005', 0778901235);
-- Sample data for Supplier Email table
INSERT INTO Supplier Email (SupplierID, Email)
('SP001', 'lanka.pharma@gmail.com'),
('SP002', 'ceylon.medics@yahoo.com'),
('SP003', 'galle.pharma@outlook.com'),
('SP004', 'matara.medics@hotmail.com'),
('SP005', 'jaffna.pharma@gmail.com');
-- Sample data for Doctor table
INSERT INTO Doctor (DoctorID, Name, Phone)
VALUES
('D001', 'Dr. Ajith Perera', 0779012345), ('D002', 'Dr. Kamal Gunasekara', 0779112345),
('D003', 'Dr. Anusha Silva', 0779212345),
('D004', 'Dr. Tharindu Jayasinghe', 0779312345),
('D005', 'Dr. Chamali Samaraweera', 0779412345);
-- Sample data for Doctor_Email table
INSERT INTO Doctor_Email (DoctorID, Email)
VALUES
('D001', 'dr.ajith.perera@gmail.com'),
('D002', 'dr.kamal.gunasekara@yahoo.com'),
('D003', 'dr.anusha.silva@outlook.com'), ('D004', 'dr.tharindu.jayasinghe@hotmail.com'),
('D005', 'dr.chamali.samaraweera@gmail.com');
-- Sample data for SalesRepresentative table
INSERT INTO SalesRepresentative (StaffID, FirstName, LastName, Email)
VALUES
('S001', 'Nuwan', 'Perera', 'nuwan.perera@outlook.com'),
('S002', 'Kasun', 'Fernando', 'kasun.fernando@hotmail.com'),
('S003', 'Dinuka', 'Silva', 'dinuka.silva@yahoo.com'), ('S004', 'Tharindu', 'Wickramasinghe', 'tharindu.wick@gmail.com'),
('S005', 'Chamath', 'Gamage', 'chamath.gamage@gmail.com');
-- Sample data for SalesRepresentative Phone table
INSERT INTO SalesRepresentative Phone (StaffID, Phone)
VALUES
```

```
('S001', 0771234567),
('S002', 0772345678),
('S003', 0773456789),
('S004', 0774567890),
('S005', 0775678901);
-- Sample data for Customer table
INSERT INTO Customer (CustomerID, StaffID, FirstName, LastName, Address, DOB, Email)
('C001', 'S001', 'Tharindu', 'Samarasekara', 'No. 10, Colombo', '1987-06-05',
'tharindu.s@gmail.com'),
('C002', 'S002', 'Dinusha', 'Bandara', 'No. 45, Kandy', '1990-04-18',
'dinusha.b@hotmail.com'),
('C003', 'S003', 'Janaka', 'Perera', 'No. 5, Galle', '1985-10-23',
 janaka.p@outlook.com'),
('C004', 'S004', 'Kasun', 'Silva', 'No. 20, Jaffna', '1992-02-02', 'kasun.s@yahoo.com'),
('C005', 'S005', 'Ruwan', 'Fernando', 'No. 25, Matara', '1991-12-14',
'ruwan.f@gmail.com');
-- Sample data for CustomerCart table
INSERT INTO CustomerCart (CartID, CreatedAt, LastModified, Quantity)
('CC001', '2024-01-01', '2024-01-02', 2), ('CC002', '2024-01-02', '2024-01-03', 1), ('CC003', '2024-01-03', '2024-01-04', 3),
('CC004', '2024-01-04', '2024-01-05', 4),
('CC005', '2024-01-05', '2024-01-06', 1);
-- Sample data for CustomerPayments table
INSERT INTO CustomerPayments (PaymentID, CustomerID, OrderID, PaymentDate, AmountPaid,
PaymentMethod)
VALUES
('PY001', 'C001', '0001', '2024-01-01', '3000', 'Credit Card'), ('PY002', 'C002', '0002', '2024-01-02', '1500', 'Debit Card'), ('PY003', 'C003', '0003', '2024-01-03', '2500', 'Cash'), ('PY004', 'C004', '0004', '2024-01-04', '1800', 'Bank Transfer'),
('PY005', 'C005', '0005', '2024-01-05', '4000', 'Credit Card');
-- Sample data for Report table
INSERT INTO Report (ReportID, AdminID, ReportType, ReportDate, Description, CustomerID)
('RP001', 'A001', 'INFO', '2024-01-01', 'Daily sales report', 'C001'),
('RP002', 'A002', 'WARN', '2024-01-02', 'Customer complaint report', 'C002'), ('RP003', 'A003', 'INFO', '2024-01-03', 'Inventory report', 'C003'),
('RP004', 'A004', 'ERROR', '2024-01-04', 'Payment error report', 'C004'),
('RP005', 'A005', 'WARN', '2024-01-05', 'Late delivery report', 'C005');
-- Sample data for Product table
INSERT INTO Product (ProductID, SupplierID, Description, Price, QuantityAvailable,
ProductName)
VALUES
('P001', 'SP001', 'Blood pressure medication', '500', '100', 'BP Meds'), ('P002', 'SP002', 'Antibiotic', '250', '200', 'Antibiotic'),
('P003', 'SP003', 'Diabetes medication', '600', '150', 'Diabetes Meds'),
('P004', 'SP004', 'Pain relief medication', '400', '300', 'Pain Relief'),
('P005', 'SP005', 'Allergy medication', '350', '250', 'Allergy Meds');
-- Sample data for CustomerInquries table
```

```
INSERT INTO CustomerInquries (InquiryID, AdminID, Status, InquiryDate, Description,
Subject)
VALUES
('INQ001', 'A001', 'Pending', '2024-01-01', 'Product availability', 'Product Inquiry'), ('INQ002', 'A002', 'Resolved', '2024-01-02', 'Delivery delay', 'Delivery Inquiry'), ('INQ003', 'A003', 'Pending', '2024-01-03', 'Payment method inquiry', 'Payment Inquiry'), ('INQ004', 'A004', 'Resolved', '2024-01-04', 'Product return inquiry', 'Return Inquiry'), ('INQ005', 'A005', 'Pending', '2024-01-05', 'Prescription question', 'Prescription
Inquiry');
-- Sample data for DeliveryService table
INSERT INTO DeliveryService (ServicePersonID, AdminID, DeliveringDate, ContactNo)
VALUES
('DS001', 'A001', '2024-01-01', 0771234567),
('DS002', 'A002', '2024-01-02', 0772345678),
('DS003', 'A003', '2024-01-03', 0773456789),
('DS004', 'A004', '2024-01-04', 0774567890),
('DS005', 'A005', '2024-01-05', 0775678901);
-- Sample data for UserLogin table
INSERT INTO UserLogin (UserID, UserName, CustomerID, UserType, Password, Accountstatus)
('U001', 'tharindu_s', 'C001', 'customer', 'P@ssw0rd', 'Active'), ('U002', 'dinusha_b', 'C002', 'customer', 'Dinusha!23', 'Active'), ('U003', 'janaka_p', 'C003', 'customer', 'J@nakap1', 'Active'), ('U004', 'kasun_s', 'C004', 'customer', 'K@sun!23', 'Active'),
('U005', 'ruwan_f', 'C005', 'customer', 'Ruwan123', 'Active');
-- Sample data for Customer_CustomerInquaries table
INSERT INTO Customer_CustomerInquaries (InquiryID, CustomerID)
VALUES
('INQ001', 'C001'),
('INQ002', 'C002'),
('INQ003', 'C003'),
('INQ004', 'C004'),
('INQ005', 'C005');
-- Sample data for UserLogin_Administrator table
INSERT INTO UserLogin_Administrator (UserID, AdminID)
VALUES
('U001', 'A001'),
('U002', 'A002'),
('U003', 'A003'),
('U004', 'A004'),
('U005', 'A005');
-- Sample data for Sales table
INSERT INTO Sales (SalesID, PaymentID, AdminID, SoldDate, CustomerID, RepresentativeID,
TotalAmount)
VALUES
('S001', 'PY001', 'A001', '2024-01-01', 'C001', 'S001', '3000'), ('S002', 'PY002', 'A002', '2024-01-02', 'C002', 'S002', '1500'), ('S003', 'PY003', 'A003', '2024-01-03', 'C003', 'S003', '2500'), ('S004', 'PY004', 'A004', '2024-01-04', 'C004', 'S004', '1800'), ('S005', 'PY005', 'A005', '2024-01-05', 'C005', 'S005', '4000');
-- Sample data for Customer_Phone table
INSERT INTO Customer Phone (CustomerID, Phone)
```

```
VALUES
('C001', 0773456789),
('C002', 0774567890),
('C003', 0775678901),
('C004', 0776789012),
('C005', 0777890123);
-- Sample data for Sales Report table
INSERT INTO Sales Report (SalesID, ReportID)
VALUES
('S001', 'RP001'),
('S002', 'RP002'),
('S003', 'RP003'),
('S004', 'RP004'),
('S005', 'RP005');
-- Sample data for Administrator Report Sales table
INSERT INTO Administrator Report Sales (AdminID, ReportID, SalesID)
VALUES
('A001', 'RP001', 'S001'),
('A002', 'RP002', 'S002'),
('A003', 'RP003', 'S003'),
('A004', 'RP004', 'S004'),
('A005', 'RP005', 'S005');
-- Sample data for Prescription table
INSERT INTO Prescription (PrescriptionID, DoctorID, CustomerID, MedicalDetails,
PrescriptionDate)
VALUES
('PR001', 'D001', 'C001', 'Blood pressure medication', '2024-01-01'), ('PR002', 'D002', 'C002', 'Antibiotic', '2024-01-02'), ('PR003', 'D003', 'C003', 'Diabetes medication', '2024-01-03'), ('PR004', 'D004', 'C004', 'Pain relief medication', '2024-01-04'),
('PR005', 'D005', 'C005', 'Allergy medication', '2024-01-05');
-- Sample data for Order 0 table
INSERT INTO Order_0 (OrderID, StaffID, ProductID, ServicePersonID, CustomerID,
PrescriptionID, Status)
VALUES
('0001', 'S001', 'P001', 'DS001', 'C001', 'PR001', 'Completed'), ('0002', 'S002', 'P002', 'DS002', 'C002', 'PR002', 'Completed'), ('0003', 'S003', 'P003', 'DS003', 'C003', 'PR003', 'NotCompleted'),
('0004', 'S004', 'P004', 'DS004', 'C004', 'PR004', 'Completed'), ('0005', 'S005', 'P005', 'DS005', 'C005', 'PR005', 'NotCompleted');
-- Sample data for Customer Prescription Order table
INSERT INTO Customer_Prescription_Order (CustomerID, PrescriptionID, OrderID)
VALUES
('C001', 'PR001', '0001'), ('C002', 'PR002', '0002'), ('C003', 'PR003', '0003'),
('C004', 'PR004', '0004'), ('C005', 'PR005', '0005');
```

7.0 Sample Data

