**Customer\_Table**

Stores customer information.

| **CustomerID** | **FirstName** | **LastName** | **DOB** | **ContactNumber** | **Email** | **Address** |
| --- | --- | --- | --- | --- | --- | --- |
| 1001 | John | Doe | 1985-05-12 | 9876543210 | john.doe@email.com | 123 Main St |
| 1002 | Alice | Smith | 1990-09-25 | 8765432109 | alice.smith@email.com | 456 Oak Rd |

**✅ 2. Policy\_Table**

Stores information about insurance policies.

| **PolicyID** | **CustomerID** | **PolicyType** | **StartDate** | **EndDate** | **PremiumAmount** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| P1001 | 1001 | Health | 2024-01-01 | 2025-01-01 | 10000 | Active |
| P1002 | 1002 | Vehicle | 2024-03-10 | 2025-03-10 | 15000 | Active |
| P1003 | 1001 | Life | 2023-05-20 | 2043-05-20 | 25000 | Active |

**✅ 3. Claim\_Table**

Stores details of claims made by customers.

| **ClaimID** | **PolicyID** | **ClaimDate** | **ClaimAmount** | **ClaimStatus** | **Reason** |
| --- | --- | --- | --- | --- | --- |
| C1001 | P1001 | 2024-02-15 | 5000 | Approved | Hospitalization |
| C1002 | P1002 | 2024-04-01 | 7000 | Pending | Vehicle Damage |

**✅ 4. Payment\_Table**

Tracks premium payments made by customers.

| **PaymentID** | **PolicyID** | **PaymentDate** | **AmountPaid** | **PaymentMethod** | **PaymentStatus** |
| --- | --- | --- | --- | --- | --- |
| PAY001 | P1001 | 2024-01-01 | 10000 | Credit Card | Completed |
| PAY002 | P1002 | 2024-03-10 | 15000 | Net Banking | Completed |

**✅ 5. Agent\_Table**

Stores information about insurance agents.

| **AgentID** | **FirstName** | **LastName** | **ContactNumber** | **Email** |
| --- | --- | --- | --- | --- |
| A001 | Robert | Williams | 9871234567 | robert.w@email.com |
| A002 | Emma | Johnson | 8761234567 | emma.j@email.com |

**✅ 6. Policy\_Assignment\_Table**

| **PolicyID** | **AgentID** | **AssignedDate** |
| --- | --- | --- |
| P1001 | A001 | 2024-01-01 |
| P1002 | A002 | 2024-03-10 |
|  |  |  |

Table 1: Customer Table

CREATE TABLE Customers ( CustomerID INT PRIMARY KEY, FirstName VARCHAR(50), LastName VARCHAR(50), DOB DATE, ContactNumber VARCHAR(15), Email VARCHAR(100), Address VARCHAR(255) );

INSERT INTO Customers (CustomerID, FirstName, LastName, DOB, ContactNumber, Email, Address)

VALUES

(1001, 'John', 'Doe', TO\_DATE('1985-05-12', 'YYYY-MM-DD'), '9876543210', 'john.doe@email.com', '123 Main St'),

(1002, 'Alice', 'Smith', TO\_DATE('1990-09-25', 'YYYY-MM-DD'), '8765432109', 'alice.smith@email.com', '456 Oak Rd');

commit;

SELECT \* FROM Customers;

Table2 : . Policy Table

CREATE TABLE Policies ( PolicyID VARCHAR(10) PRIMARY KEY, CustomerID INT, PolicyType VARCHAR(20), StartDate DATE, EndDate DATE, PremiumAmount DECIMAL(10, 2), Status VARCHAR(10), FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID) );

INSERT INTO Policies (PolicyID, CustomerID, PolicyType, StartDate, EndDate, PremiumAmount, Status)

VALUES

('P1001', 1001, 'Health', TO\_DATE('2024-01-01', 'YYYY-MM-DD'), TO\_DATE('2025-01-01', 'YYYY-MM-DD'), 10000, 'Active'),

('P1002', 1002, 'Vehicle', TO\_DATE('2024-03-10', 'YYYY-MM-DD'), TO\_DATE('2025-03-10', 'YYYY-MM-DD'), 15000, 'Active');

commit;

SELECT \* FROM Policies WHERE Status = 'Active';