**E-Medicare**

Database Schema Design

1.Identify domain objects and their attributes:

Domain Objects and Attributes:

**User:**

* emailid (Primary Key)
* password
* typeofuser

**Login:**

* emailid (Primary Key, references User)
* password
* typeofuser

**Product:**

* pid (Primary Key, Auto-Increment)
* pname
* price
* url
* description
* type

2.Create a Database tables with necessary relationship:

**Table: User**

Columns:

* emailid (Primary Key)
* password
* typeofuser

**Table: Login**

Columns:

* emailid (Primary Key, Foreign Key referencing User)
* password
* typeofuser

**Table: Product**

Columns:

* pid (Primary Key, Auto-Increment)
* pname
* price
* url
* description
* type

**Relationships:**

* Login.emailid references User.emailid (One-to-One relationship)

SQL Commands for Creating Tables and Inserting Data:

**Create User table:**

CREATE TABLE User (

emailid VARCHAR(255) PRIMARY KEY,

password VARCHAR(255),

typeofuser VARCHAR(255)

);

**Insert values into User table:**

INSERT INTO User (emailid, password, typeofuser)

VALUES

('user1@example.com', 'User@123', 'user'),

('user2@example.com', 'Pass123', 'user');

**Create Login table:**

CREATE TABLE Login (

emailid VARCHAR(255) PRIMARY KEY,

password VARCHAR(255),

typeofuser VARCHAR(255),

FOREIGN KEY (emailid) REFERENCES User(emailid)

);

**Insert values into Login table:**

INSERT INTO Login (emailid, password, typeofuser)

VALUES

('user1@example.com', 'User@123', 'user'),

('user2@example.com', 'Pass123', 'user');

**Create Product table:**

CREATE TABLE Product (

pid INT AUTO\_INCREMENT PRIMARY KEY,

pname VARCHAR(255),

price FLOAT,

url VARCHAR(255),

description VARCHAR(255),

type VARCHAR(255)

);

**Insert values into Product table:**

INSERT INTO Product (pname, price, url, description, type)

VALUES

('Product 1', 19.99, 'product1.jpg', 'Description of Product 1', 'Type A'),

('Product 2', 29.99, 'product2.jpg', 'Description of Product 2', 'Type B');

Tables In Medicare





