

# SQL Server Schema for Medicine Website Project

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```
-- =====
-- Users Table
-- =====
CREATE TABLE [User] (
    Id_User INT PRIMARY KEY IDENTITY(1,1),
    Id_Google NVARCHAR(255) NOT NULL,
    Name NVARCHAR(100) NOT NULL,
    Gender NVARCHAR(10),
    Date_Of_Birth DATE,
    Age INT, -- من وتحسبها تشيلها ممكن -- Date_Of_Birth
    Email NVARCHAR(150) UNIQUE NOT NULL,
    Address NVARCHAR(255),
    Phone NVARCHAR(20),
    Height DECIMAL(5,2),
    Weight DECIMAL(5,2)
);

-- =====
-- Favorites Table
-- =====
CREATE TABLE Favorite (
    Id_Favorite INT PRIMARY KEY IDENTITY(1,1),
    Id_User INT NOT NULL,
    ProductAPI_Id NVARCHAR(100) NOT NULL,
    Added_Date DATETIME DEFAULT GETDATE(),
    CONSTRAINT FK_Favorite_User FOREIGN KEY (Id_User) REFERENCES [User](Id_User)
);

-- =====
-- Cart Table
-- =====
CREATE TABLE Cart (
    Id_Cart INT PRIMARY KEY IDENTITY(1,1),
    Id_User INT NOT NULL UNIQUE, -- 1:1 العلاقة User
    Created_At DATETIME DEFAULT GETDATE(),
    CONSTRAINT FK_Cart_User FOREIGN KEY (Id_User) REFERENCES [User](Id_User)
);
```

-- =====

-- Cart Items Table

-- =====

```
CREATE TABLE Cart_Items (  
    Id_Cart_Item INT PRIMARY KEY IDENTITY(1,1),  
    Id_Cart INT NOT NULL,  
    ProductAPI_Id NVARCHAR(100) NOT NULL,  
    Quantity INT NOT NULL CHECK (Quantity > 0),  
    Price DECIMAL(10,2) NOT NULL,  
    Added_Date DATETIME DEFAULT GETDATE(),  
    CONSTRAINT FK_CartItems_Cart FOREIGN KEY (Id_Cart) REFERENCES Cart(Id_Cart)  
);
```

-- =====

-- Orders Table

-- =====

```
CREATE TABLE [Order] (  
    Id_Order INT PRIMARY KEY IDENTITY(1,1),  
    Id_User INT NOT NULL,  
    Id_Cart INT NOT NULL UNIQUE, -- واحد لطلب تتحول عربة كل  
    Total_Amount DECIMAL(10,2) NOT NULL,  
    Order_Date DATETIME DEFAULT GETDATE(),  
    Order_Status NVARCHAR(50) DEFAULT 'Pending', -- مثلاً Pending/Confirmed/Delivered  
    CONSTRAINT FK_Order_User FOREIGN KEY (Id_User) REFERENCES [User](Id_User),  
    CONSTRAINT FK_Order_Cart FOREIGN KEY (Id_Cart) REFERENCES Cart(Id_Cart)  
);
```