**Creation Script For All three Tables**

**1.)**

**Customers**

**/\*\*\*\*\*\*\*\*\*use your database name my database name is prowerse\*\*\*\*\*\*\*\*\*\*\*/**

**USE [Prowerse]**

**GO**

**/\*\*\*\*\*\* Object: Table [dbo].[Customers] Script Date: 17/4/2024 21:08:49 \*\*\*\*\*\*/**

**SET ANSI\_NULLS ON**

**GO**

**SET QUOTED\_IDENTIFIER ON**

**GO**

**CREATE TABLE [dbo].[Customers](**

**[CustomerId] [int] IDENTITY(1,1) NOT NULL,**

**[Name] [nvarchar](100) NOT NULL,**

**[Email] [nvarchar](100) NOT NULL,**

**[Phone] [nvarchar](20) NULL,**

**PRIMARY KEY CLUSTERED**

**(**

**[CustomerId] ASC**

**)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]**

**) ON [PRIMARY]**

**GO**

**2.) Vehicles**

**/\*\*\*\*\*\*\*\*\*use your database name my database name is prowerse\*\*\*\*\*\*\*\*\*\*\*/**

**USE [Prowerse]**

**GO**

**/\*\*\*\*\*\* Object: Table [dbo].[Vehicles] Script Date: 17/4/2024 21:31:51 \*\*\*\*\*\*/**

**SET ANSI\_NULLS ON**

**GO**

**SET QUOTED\_IDENTIFIER ON**

**GO**

**CREATE TABLE [dbo].[Vehicles](**

**[VehicleId] [int] IDENTITY(1,1) NOT NULL,**

**[CustomerId] [int] NULL,**

**[Make] [nvarchar](50) NOT NULL,**

**[Model] [nvarchar](50) NOT NULL,**

**[Year] [int] NOT NULL,**

**[Name] [nvarchar](100) NULL,**

**[ServiceDueDate] [date] NULL,**

**[BookingDate] [datetime] NULL,**

**PRIMARY KEY CLUSTERED**

**(**

**[VehicleId] ASC**

**)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]**

**) ON [PRIMARY]**

**GO**

**3.) Booking**

**/\*\*\*\*\*\*\*\*\*use your database name my database name is prowerse\*\*\*\*\*\*\*\*\*\*\*/**

**USE [Prowerse]**

**GO**

**/\*\*\*\*\*\* Object: Table [dbo].[Bookings] Script Date: 17/4/2024 18:30:49 \*\*\*\*\*\*/**

**SET ANSI\_NULLS ON**

**GO**

**SET QUOTED\_IDENTIFIER ON**

**GO**

**CREATE TABLE [dbo].[Bookings](**

**[BookingId] [int] IDENTITY(1,1) NOT NULL,**

**[VehicleId] [int] NULL,**

**[BookingDate] [datetime] NOT NULL,**

**PRIMARY KEY CLUSTERED**

**(**

**[BookingId] ASC**

**)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]**

**) ON [PRIMARY]**

**GO**

**ALTER TABLE [dbo].[Bookings] WITH CHECK ADD FOREIGN KEY([VehicleId])**

**REFERENCES [dbo].[Vehicles] ([VehicleId])**

**GO**

**—------Insertion Scripts —------------------**

1. **-- Inserting customers**

**INSERT INTO Customers (Name, Email, Phone) VALUES**

**('John Doe', 'johndoe@example.com', '123-456-7890'),**

**('Jane Smith', 'janesmith@example.com', '987-654-3210'),**

**('Michael Johnson', 'michaelj@example.com', '555-123-4567'),**

**('Emily Brown', 'emilybrown@example.com', '999-888-7777'),**

**('David Wilson', 'davidwilson@example.com', '444-333-2222'),**

**('Sarah Martinez', 'sarahm@example.com', '111-222-3333'),**

**('Robert Davis', 'robertd@example.com', '777-888-9999'),**

**('Jennifer Taylor', 'jennifertaylor@example.com', '666-555-4444'),**

**('William Anderson', 'williama@example.com', '222-333-4444'),**

**('Linda Garcia', 'lindag@example.com', '888-999-1111');**

1. **-- Inserting vehicles**

**INSERT INTO Vehicles (CustomerId, Name, Make, Model, Year, ServiceDueDate) VALUES**

**(1, 'John Doe Vehicle 1', 'Toyota', 'Camry', 2022, '2024-04-25'),**

**(1, 'John Doe Vehicle 2', 'Honda', 'Accord', 2021, '2024-05-01'),**

**(2, 'Jane Smith Vehicle 1', 'Ford', 'Escape', 2023, '2024-04-30'),**

**(2, 'Jane Smith Vehicle 2', 'Chevrolet', 'Malibu', 2020, '2024-04-28'),**

**(3, 'Michael Johnson Vehicle 1', 'Nissan', 'Altima', 2022, '2024-04-29'),**

**(3, 'Michael Johnson Vehicle 2', 'Kia', 'Optima', 2021, '2024-04-27'),**

**(4, 'Emily Brown Vehicle 1', 'Hyundai', 'Sonata', 2023, '2024-04-26'),**

**(4, 'Emily Brown Vehicle 2', 'Subaru', 'Legacy', 2020, '2024-05-02'),**

**(5, 'David Wilson Vehicle 1', 'Mazda', 'CX-5', 2022, '2024-04-24'),**

**(5, 'David Wilson Vehicle 2', 'Volkswagen', 'Passat', 2021, '2024-04-23');**

**3.)-- Inserting bookings**

**INSERT INTO Bookings (VehicleId, BookingDate) VALUES**

**(1, '2024-04-18'),**

**(2, '2024-04-18'),**

**(3, '2024-04-18'),**

**(4, '2024-04-18'),**

**(5, '2024-04-18'),**

**(6, '2024-04-18'),**

**(7, '2024-04-18'),**

**(8, '2024-04-18'),**

**(9, '2024-04-18'),**

**(10, '2024-04-18');**