Create Tables – Sean Dzokesayi

Table List:

1. Employee
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6. Food Waste
7. Payment
8. Ingredient
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Create Table Code

1. Employee Table:

USE [Hotel]

GO

CREATE TABLE [dbo].[Employee](

[EmployeeID] [int] NOT NULL,

[EmployeeName] [nvarchar](20) NOT NULL,

[Password] [nvarchar](50) NOT NULL,

[Department] [nvarchar](35) NOT NULL,

[DateOfBirth] [date] NOT NULL,

[isSuspended] [int] NOT NULL,

[employmentDate] [date] NOT NULL

CONSTRAINT [PK\_Employees] PRIMARY KEY CLUSTERED

(

[EmployeeID] ASC

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

) ON [PRIMARY]

GO

1. Reservation

USE [Hotel]

GO

CREATE TABLE [dbo].[Reservation](

[ReservationID] [int] NOT NULL,

[GuestName] [nvarchar] (30) NOT NULL,

[Address] [nvarchar] (100),

[PhoneNumber] [int] NOT NULL,

[RoomNumber] [int] NOT NULL,

[packages] [nvarchar] (200),

[Cost] [float] NOT NULL,

[ProposedCheckInDate] [date] NOT NULL,

[ProposedCheckoutDate] [date] NOT NULL,

[SaleNumber] [int] NOT NULL,

[ActualCheckInDate] [date] NOT NULL,

[ActualCheckOutDate] [date] NOT NULL,

[EmployeeID] [int] NOT NULL

CONSTRAINT [PK\_Reservations] PRIMARY KEY CLUSTERED

(

[ReservationID] ASC

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

) ON [PRIMARY]

GO

1. Room

USE [Hotel]

GO

CREATE TABLE [dbo].[Room](

[RoomNumber] [int] NOT NULL,

[RoomType] [nvarchar] (30) NOT NULL,

[IsOccupied] [int] NOT NULL,

[IsCleaned] [int] NOT NULL,

[FloorNumber] [int] NOT NULL,

[LastCleanedDate] [date] NOT NULL ,

[EmployeeID] [int] NOT NULL

CONSTRAINT [PK\_Rooms] PRIMARY KEY CLUSTERED

(

[RoomNumber] ASC

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

) ON [PRIMARY]

GO

1. Stock

USE [Hotel]

GO

CREATE TABLE [dbo].[Stock](

[StockID] [int] NOT NULL,

[Name] [nvarchar](20) NOT NULL,

[Description] [nvarchar](50) NOT NULL,

[StorageLocation] [nvarchar](35) NOT NULL,

[Units] [int] NOT NULL,

[Cost] [float] NOT NULL,

[ExpiryDate] [date]

CONSTRAINT [PK\_Stocks] PRIMARY KEY CLUSTERED

(

[StockID] ASC

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

) ON [PRIMARY]

GO

1. StockPickingList
2. Food Waste

USE [Hotel]

GO

CREATE TABLE [dbo].[FoodWaste](

[WasteID] [int] NOT NULL,

[StockID] [int] NOT NULL,

[RecordedDate] [date] NOT NULL,

[ExpiryDate] [date] NOT NULL,

[EmployeeID] [int] NOT NULL

CONSTRAINT [PK\_FoodWaste] PRIMARY KEY CLUSTERED

(

[WasteID] ASC

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

) ON [PRIMARY]

GO

1. Payment

USE [Hotel]

GO

CREATE TABLE [dbo].[Payment](

[PaymentID] [int] NOT NULL,

[SaleNumber] [int] NOT NULL,

[Tip] [float],

[PaymentTotal] [float] NOT NULL

CONSTRAINT [PK\_ Payments] PRIMARY KEY CLUSTERED

(

[PaymentID] ASC

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

) ON [PRIMARY]

GO

1. Ingredient

USE [Hotel]

GO

CREATE TABLE [dbo].[Ingrediant](

[IngredientID] [int] NOT NULL,

[StockID] [int] NOT NULL,

[MenuItem] [int] NOT NULL

CONSTRAINT [PK\_Ingredient] PRIMARY KEY CLUSTERED

(

[IngredientID] ASC

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

) ON [PRIMARY]

GO

1. Sale

USE [Hotel]

GO

CREATE TABLE [dbo].[Sale](

[OrderNumber] [int] NOT NULL,

[ReservationID] [int] NOT NULL,

[TableNumber] [int] NOT NULL,

[ItemsOrdered] [nvarchar](2000) NOT NULL,

[ExtraInfo] [nvarchar] (100),

[isPaid] [int] NOT NULL,

[Cost] [float] NOT NULL,

[SaleNumber] [int] NOT NULL,

[EmployeeID] [int] NOT NULL

CONSTRAINT [PK\_Sales] PRIMARY KEY CLUSTERED

(

[OrderNumber] ASC

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

) ON [PRIMARY]

GO

1. FoodSale

USE [Hotel]

GO

CREATE TABLE [dbo].[FoodSale](

[ItemID] [int] NOT NULL,

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

[PrepTime] [int] NOT NULL,

[Cost] [float] NOT NULL,

[OrderID] [int] NOT NULL

CONSTRAINT [PK\_ FoodSales] PRIMARY KEY CLUSTERED

(

[ItemID] ASC

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

) ON [PRIMARY]

GO

1. DrinkSale

USE [Hotel]

GO

CREATE TABLE [dbo].[DrinkSale](

[ItemID] [int] NOT NULL,

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

[Cost] [float] NOT NULL,

[OrderID] [int] NOT NULL,

[StockID] [int] NOT NULL

CONSTRAINT [PK\_ DrinkSales] PRIMARY KEY CLUSTERED

(

[ItemID] ASC

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

) ON [PRIMARY]

GO

1. Layaway

USE [Hotel]

GO

CREATE TABLE [dbo].[Layaway](

[LayawayID] [int] NOT NULL,

[OrderNo] [int] NOT NULL,

[OrderCost] [float] NOT NULL

CONSTRAINT [PK\_Layaway] PRIMARY KEY CLUSTERED

(

[LayawayID] ASC

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

) ON [PRIMARY]

GO