**Booking:**

CREATE TABLE [dbo].[Booking] (

[Booking\_Number] INT IDENTITY (1, 1) NOT NULL,

[Room\_Number] INT NOT NULL,

[Guest\_ID] INT NOT NULL,

[Booking\_Check\_Ind] DATE NULL,

[Booking\_Check\_Out] DATE NULL,

[Booking\_Price\_Paid] MONEY NULL,

CONSTRAINT [Booking\_pk] PRIMARY KEY CLUSTERED ([Booking\_Number] ASC),

CONSTRAINT [Booking\_Room\_Room\_Number\_fk] FOREIGN KEY ([Room\_Number]) REFERENCES [dbo].[Room] ([Room\_Number]),

CONSTRAINT [Booking\_Guest\_null\_fk] FOREIGN KEY ([Guest\_ID]) REFERENCES [dbo].[Guest] ([Guest\_ID])

);

**Employee:**

CREATE TABLE [dbo].[Employee] (

[Employee\_ID] INT IDENTITY (1, 1) NOT NULL,

[Role\_ID] INT NOT NULL,

[Employee\_Surname] VARCHAR (20) NOT NULL,

[Employee\_Name] VARCHAR (20) NOT NULL,

[Employee\_Email] VARCHAR (20) NOT NULL,

[Employee\_Date\_Of\_Birth] DATE NULL,

CONSTRAINT [Employee\_ID] PRIMARY KEY CLUSTERED ([Employee\_ID] ASC),

CONSTRAINT [Employee\_Role\_null\_fk] FOREIGN KEY ([Role\_ID]) REFERENCES [dbo].[Role] ([Role\_ID])

);

**Guest:**

CREATE TABLE [dbo].[Guest] (

[Guest\_ID] INT IDENTITY (1, 1) NOT NULL,

[Guest\_Surname] VARCHAR (20) NOT NULL,

[Guest\_Name] VARCHAR (20) NOT NULL,

[Guest\_Email] VARCHAR (20) NULL,

[Guest\_Phone\_Number] VARCHAR (10) NOT NULL,

CONSTRAINT [Guest\_ID] PRIMARY KEY CLUSTERED ([Guest\_ID] ASC)

);

**Role:**

CREATE TABLE [dbo].[Role] (

[Role\_ID] INT IDENTITY (1, 1) NOT NULL,

[Role\_Description] VARCHAR (50) NULL,

[Role\_Salary] MONEY NOT NULL,

[Role\_Hours\_Per\_Day] INT DEFAULT (8) NOT NULL,

CONSTRAINT [Role\_pk] PRIMARY KEY CLUSTERED ([Role\_ID] ASC)

);

**Room:**

CREATE TABLE [dbo].[Room] (

[Room\_Number] INT IDENTITY (1, 1) NOT NULL,

[Room\_Description] VARCHAR (50) NOT NULL,

[Room\_Availability] SMALLINT DEFAULT (0) NOT NULL,

[Room\_Size] VARCHAR (10) NOT NULL,

[Room\_Price\_Per\_Night] MONEY NOT NULL,

CONSTRAINT [Room\_Number] PRIMARY KEY CLUSTERED ([Room\_Number] ASC)

);