

## **TEAM NO : 3 - CRM**

### **Database Design**

--creating database

```
CREATE DATABASE TrainingAcademyDB;
```

```
USE TrainingAcademyDB;
```

--create TblRole

```
CREATE TABLE TblRole(
```

```
RoleId INT IDENTITY(1,1) PRIMARY KEY,
```

```
RoleName VARCHAR(50) NOT NULL);
```

--create TblUser

```
CREATE TABLE TblUser(
```

```
LoginId INT IDENTITY(1,1) PRIMARY KEY,
```

```
UserName VARCHAR(20),
```

```
UserPassword VARCHAR(20),
```

```
RoleId INT,CONSTRAINT FK_LOGIN FOREIGN KEY(RoleId) REFERENCES TblRole(RoleId));
```

--create TblLead

```
CREATE TABLE TblLead(
```

```
LeadId INT IDENTITY(1,1) PRIMARY KEY,
```

```
LeadName VARCHAR(25),
```

```
Email VARCHAR(25),
```

```
ContactNo INT,
```

```
Gender VARCHAR(10) CHECK ( Gender IN ('Male','Female')),
```

```
Add_State VARCHAR(20),
```

```
City VARCHAR(20),
```

```
Pincode INT,  
DOB Date,  
HighestQualification VARCHAR(20),  
IsActive Bit    );
```

```
--create Trainer
```

```
CREATE TABLE TblTrainer(  
TrainerId INT IDENTITY(1,1) PRIMARY KEY,  
TrainerName VARCHAR(20),  
IsActive Bit);
```

```
--create TblCourse
```

```
CREATE TABLE TblCourse (  
CourseId INT IDENTITY(1,1) PRIMARY KEY,  
CourseName VARCHAR(20),  
CourseFees MONEY,  
TrainerId INT FOREIGN KEY REFERENCES TblTrainer (TrainerId),  
IsActive Bit    );
```

```
--create TblBatch
```

```
CREATE TABLE TblBatch(  
BatchId INT IDENTITY(1,1) PRIMARY KEY,  
BatchName VARCHAR(20),  
BatchStrength INT,  
IsActive BIT);
```

```
--create TblResource
```

```
CREATE TABLE TblResource (  
ResourceId INT IDENTITY(1,1) PRIMARY KEY,
```

ResourceName VARCHAR(20),  
CourseFees MONEY,  
IsActive Bit);

--create TblTrainee  
CREATE TABLE TblTrainee(  
TraineeId INT IDENTITY(1,1) PRIMARY KEY,  
LeadId INT FOREIGN KEY REFERENCES TblLead (LeadId ),  
BatchId INT FOREIGN KEY REFERENCES TblBatch (BatchId),  
IsActive Bit );

--create TblCourseEnquiry  
CREATE TABLE TblCourseEnquiry(  
CourseEnquiryId INT IDENTITY(1,1) PRIMARY KEY,  
CourseId INT FOREIGN KEY REFERENCES TblCourse (CourseId),  
LeadId INT FOREIGN KEY REFERENCES TblLead (LeadId),  
CourseEnquiryStatus VARCHAR(20),  
CourseEnquiryDate Date);

--create TblResourceEnquiry  
CREATE TABLE TblResourceEnquiry(  
ResourceEnquiryId INT IDENTITY(1,1) PRIMARY KEY,  
ResourceId INT FOREIGN KEY REFERENCES TblResource (ResourceId),  
LeadId INT FOREIGN KEY REFERENCES TblLead (LeadId),  
ResourceEnquiryStatus VARCHAR(20),  
ResourceEnquiryDate Date);

--create TblSalesPipeline  
CREATE TABLE TblSalesPipeline (

```
SalesPipelineId int identity(1,1) primary key not null,  
LeadId int foreign key references TblLead(LeadId),  
Stage varchar(25) check(Stage in ('Demo or meeting', 'Proposal', 'Negotiation and  
commitment', 'Opportunity won', 'Post-purchase')),  
Priority varchar(25) check (Priority in ('Top', 'Medium', 'Low')),  
CloseDate date,  
LastContact date);
```

```
--create TblBatchCourse
```

```
CREATE TABLE TblBatchCourse(  
BatchCourseId INT PRIMARY KEY IDENTITY(1,1),  
BatchId INT FOREIGN KEY REFERENCES TblBatch (BatchId),  
CourseId INT FOREIGN KEY REFERENCES TblCourse (CourseId));
```

## **ER DIAGRAM**

