**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(30),

UserPassword VARCHAR(30),

RoleId INT,CONSTRAINT FK\_LOGIN FOREIGN KEY(RoleId) REFERENCES TblRole(RoleId));

--create TblLead

CREATE TABLE TblLead(  
LeadId INT PRIMARY KEY foreign key references TblUser(LoginId),

LeadName VARCHAR(25),

Email VARCHAR(25),

ContactNo varchar(15),

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,

CourseDescription VARCHAR(MAX),

CourseDuration VARCHAR(50));

--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),

ResourceFees MONEY,

IsActive Bit,

ResourceDescription VARCHAR(MAX));

--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),

CourseEnqiryDate Date,

EnquiryDescription Varchar(70)

);

--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),

ResourceEnqiryDate Date),

EnquiryDescription Varchar(70);

--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**

