Create database fptproject;

CREATE TABLE AdAccount(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

Name VARCHAR(50) CHARSET utf8,

UserName VARCHAR(50) UNIQUE,

Pass VARCHAR(50)

);

CREATE TABLE Trainer(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

Name VARCHAR(50) CHARSET utf8,

UserName VARCHAR(50) UNIQUE,

Pass VARCHAR(50)

);

CREATE TABLE Trainee(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

Name VARCHAR(50) CHARSET utf8,

DateOfBirth Date,

Address VARCHAR(200) CHARSET utf8,

Description TEXT,

Lang VARCHAR(50),

Toeic INT,

UserName VARCHAR(50) UNIQUE,

Pass VARCHAR(50)

);

(Id, Name, DateOfBirth, Address, Description, Lang, Toeic, UserName, Pass)

CREATE TABLE Category(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

Name VARCHAR(100) CHARSET utf8

);

CREATE TABLE Course(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

Name VARCHAR(100) CHARSET utf8,

Description TEXT,

IdCategory INT NOT NULL,

CONSTRAINT FK\_Cource FOREIGN KEY (IdCategory) REFERENCES Category(Id) **ON DELETE** CASCADE

);

CREATE TABLE Class(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

Name VARCHAR(100) CHARSET utf8 ,

Topic TEXT,

Description TEXT,

IdCource INT NOT NULL,

IdTrainer INT NOT NULL,

CONSTRAINT FK1\_Topic FOREIGN KEY (IdCource) REFERENCES Course(Id) **ON DELETE** CASCADE,

CONSTRAINT FK2\_Topic FOREIGN KEY (IdTrainer) REFERENCES Trainer(Id) **ON DELETE** CASCADE

);

CREATE TABLE Detail(

Id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

IdTrainee INT,

IdClass INT,

CONSTRAINT FK1\_Detail FOREIGN KEY (IdTrainee) REFERENCES Trainee(Id) **ON DELETE** CASCADE,

CONSTRAINT FK2\_Detail FOREIGN KEY (IdClass) REFERENCES Class(Id) **ON DELETE** CASCADE

);