CREATE TABLE IF NOT EXISTS users(

id int PRIMARY KEY AUTO\_INCREMENT NOT NULL ,

full\_name varchar(40) NOT NULL,

email varchar(40) NOT NULL,

phone\_number varchar(15),

type varchar (30) ,

password varchar(40) NOT NULL ,

join\_date date,

height decimal,

weight decimal,

updates bit

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS subject(id integer PRIMARY KEY AUTO\_INCREMENT NOT NULL, subject varchar(100)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS contactRequest (

req\_id integer not null AUTO\_INCREMENT primary key,

full\_name varchar(200) NOT NULL,

email varchar(100) NOT NULL,

phone varchar (15) ,

content varchar(300)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS qa ( id int(11) NOT NULL PRIMARY KEY AUTO\_INCREMENT, subject integer ,question varchar(255) NOT NULL, answer varchar(255), constraint fk\_subject foreign key (subject) references subject(id)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS class\_t (

Class\_id integer primary key not null AUTO\_INCREMENT,

Class\_type varchar(30) not null) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS classes

( id int NOT NULL PRIMARY KEY AUTO\_INCREMENT,

name varchar(100) NOT NULL, class\_type varchar(30) not null,

duration int, max\_participants int, description varchar(255),

building int, class int ,constraint fk\_ClassT foreign key (class\_type) references class\_t(Class\_type)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS session

( class\_id integer not null AUTO\_INCREMENT,

SessionTime datetime NOT NULL,

ZoomOption boolean NOT NULL,

Constraint pk\_session primary key (class\_id, SessionTime)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Create TABLE IF NOT EXISTS review(

class\_id integer not null , SessionTime datetime not null ,id integer not null , comments Varchar(50) not null , IsAnonymous bit, constraint pk\_reviews primary key (class\_id , SessionTime , id),

CONSTRAINT fk\_SessionTime FOREIGN KEY (class\_id, SessionTime ) REFERENCES session( class\_id, SessionTime ),

CONSTRAINT fk\_id FOREIGN KEY (id) REFERENCES users(id)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create TABLE IF NOT EXISTS instructor(

id int NOT NULL PRIMARY KEY ,

fullname varchar(30),

phoneNumber varchar(30),

email varchar(50)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Create TABLE IF NOT EXISTS waitingList (class\_id integer not null ,SessionTime datetime,id int ,CONSTRAINT fk\_waitingSessionTime FOREIGN KEY (class\_id, SessionTime) REFERENCES session(class\_id ,SessionTime),

CONSTRAINT fk\_waitingID FOREIGN KEY (id) REFERENCES users(id)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create TABLE IF NOT EXISTS CreditCards(

CardNumber int NOT NULL PRIMARY KEY,

CardDate date,

cvv int ) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Create TABLE IF NOT EXISTS Favorites(

Userid int,ClassID int , favorite boolean,CONSTRAINT fk\_userID FOREIGN KEY (Userid) REFERENCES users(id),

CONSTRAINT fk\_Classid FOREIGN KEY (ClassID) REFERENCES classes(id)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS Visitor\_t (

Visitor\_id integer primary key not null AUTO\_INCREMENT ,

Visitor\_type varchar(30) not null) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE IF NOT EXISTS Entry\_t (

entry\_id integer primary key not null AUTO\_INCREMENT ,

Entry\_type varchar(30) not null) ENGINE=InnoDB DEFAULT CHARSET=utf8;

create TABLE IF NOT EXISTS entryTab(

visitorType integer not null,

class\_type integer not null ,

Entry\_type integer not null ,

price int,

primary key (visitorType, class\_type,Entry\_type),

CONSTRAINT fk\_visitType FOREIGN KEY (visitorType) REFERENCES Visitor\_t(Visitor\_id),

CONSTRAINT fk\_class\_type FOREIGN KEY (class\_type) REFERENCES class\_t(Class\_type)) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Create TABLE IF NOT EXISTS purchase(

id int primary key not null ,

purchaseDate datetime,

paymentMethod varchar(30),

CardNumber int NOT NULL,

visitorType varchar(30) not null,

class\_type varchar(30) not null ,

Entry\_type varchar(30) not null ,

Userid int,

CONSTRAINT fk\_visitorType FOREIGN KEY (visitorType) REFERENCES Visitor\_t(Visitor\_type),

CONSTRAINT fk\_class\_type1 FOREIGN KEY (class\_type) REFERENCES class\_t(Class\_type),

CONSTRAINT fk\_Entry\_type FOREIGN KEY (Entry\_type) REFERENCES Entry\_t(Entry\_type)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;