Student (

Email Address : String,

Name : String,

Birth Date : Date,

Location : String,

Gender: Char,

)

Email Address -> Name, Birth Date, Location, Gender

Course (

Course Id : Integer,

Name : String,

Overview : String,

Duration : Varchar,

Difficulty : String,

Category : String,

FAQ : String,

)

Course Id -> Name, Overview, Duration, Difficulty, Category, FAQ

Enrolls in (

Email Address: String,

Course Id: Integer,

)

No FD

University (

University Id : Integer,

Name : String,

Description : String,

)

University Id -> Name, Description

CreatedBy (

University Id : Integer,

Course Id : Integer,

)

No FD

Has (

University Id : Integer,

Course Id : Integer,

)

No FD

Instructor (  
 Instructor Id: Integer,

Name : String,

Gender : Char,

Specialization: String,

)

Instructor Id -> Name, Gender, Specialization

Transaction (

Transaction Id: String,

Timestamp : Datetime,

TransactionStatus : String,

)

Transaction Id -> Timestamp, TransactionStatus

isPaid (

Course Id : Integer,

Transaction Id: String,

)

No FD

Credit Card Info (

CreditCard\_No : Integer,

NameOnCard: String,

CVV: Integer,

ExpiryDate : Integer, (first 2 numbers would be months and next two numbers would be year)

)

Uses (

CreditCard\_No: Integer,

Email Address : String,

)

No FD

PaidWith (

CreditCard\_No : Integer,

Transaction Id: String,

)

No FD

Rating (

RateStars: Integer,

Comments: String,

)

No FD