Student (

EmailAddress: String,

StudentName: String,

BirthDate: Date,

Location: String,

StudentGender: Char,

)

Email Address -> StudentName, BirthDate, Location, StudentGender

Course (

CourseId: Integer,

CourseName: String,

Overview: String,

Duration: Varchar,

Difficulty: String,

Category: String,

FAQ: String,

)

CourseId -> CourseName, Overview, Duration, Difficulty, Category, FAQ

Enrolls in (

Email Address: String,

CourseId: Integer,

)

No FD

University (

UniversityId: Integer,

UniversityName: String,

Description: String,

)

UniversityId -> UniversityName, Description

CreatedBy (

UniversityId: Integer,

CourseId: Integer,

)

No FD

Has (

UniversityId: Integer,

CourseId: Integer,

)

No FD

Instructor (  
 InstructorId: Integer,

InstructorName: String,

InstructorGender: Char,

Specialization: String,

)

InstructorId -> InstructorName, InstructorGender, Specialization

Transaction (

TransactionId: String,

Timestamp: Datetime,

TransactionStatus: String,

)

TransactionId -> Timestamp, TransactionStatus

isPaid (

CourseId: Integer,

TransactionId: String,

)

No FD

Credit Card Info (

CreditCardNo: Integer,

NameOnCard: String,

CVV: Integer,

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

)

CreditCardNo -> NameOnCard, CVV, ExpiryDate

Uses (

CreditCardNo: Integer,

EmailAddress: String,

)

No FD

PaidWith (

CreditCardNo: Integer,

TransactionId: String,

)

No FD

Rating (

RateStars: Integer,

Comments: String,

)

EmailAddress, CourseId -> RateStars, Comments