UserTransaction

* UserTransactionID (int)
* PaymentID (int) FK
* Amount (float)
* Message (text)
* Bank (text)
* BankAccountNumber (text)
* CreateAt (dattime)

SystemTransaction

* SystemTransactionID (int)
* PaymentID (int) FK
* Amount (float)
* Message (text)
* UserID (int) FK
* BankName (text)
* BankAccountNumber (text)
* Status ("pending","success",  
  "error")
* CreateAt (dattime)

Progress

* PregressID (int) PF
* EnrollmentID (int) FK
* VideoID (int) FK
* ProgressTime (int) (second)

Note

* NodeID (int)
* ProgressID (int) FK
* content (text)

Payment

* PaymentID (int) PK
* UserID (int) FK
* CourseID (int) FK
* PaymentCode (text)  (unique)
* Amount (float)
* Purpose ("purchase\_course",
* "upgrade\_premium")
* Status ("pending","success","error")
* CreateAt (datetime)
* ExpireAt (datetime)
* UpdateAt (datetime)

Enrollment

* EnrollmentID (int) PK
* UserID (int) FK
* CourseID (int) FK

RateCourse

* RateCourseID (int)
* UserID (int) FK
* CourseID (int) FK
* StarNumber (int)
* Comment (text)

User

* UserID (int) PK
* Email (text)
* HashPassword (text)
* PhoneNumber (text)
* About (text)
* AvatarLink (text)
* BankName (text)
* BankAccountNumber (text)
* CreateAt (text)
* IsPremium (datetime)

Course

* CourseID (int) PK
* UserID (int) FK
* Name (text)
* PictureLink (text)
* ShortCut (text)
* Description (text)
* CreateAt (datetime)
* ParentID (int) (backup)
* State (public,wait,pending,rejected)
* CategoryID (int) FK
* Cost (float)

ContentCourse

* ContentCourseID (int)
* CourseID (int) FK
* Content (text)

CourseDepend

* CourseDependID (int)
* CourseID (int) FK
* DependOnCourseID (int) FK
* IsRequire (boolean)

Category

* CategoryID (int) PK
* Name (text)
* Description (text)

Discussion

* DiscussionID (int) PK
* UserID (int) FK
* VideoID (int) FK
* CourseID (int) FK
* ParentID (int) FK
* Content (text)
* CreateAt (datetime)

Video

* VideoID (int) PK
* ChapterID (int) FK
* Title (text)
* VideoLink (text)
* Time (int) (second)
* Description (text)
* PictureLink (text)
* IsAllowDemo (boolean)

Chapter

* ChapterID (int) PK
* CourseID (int) FK
* OrderNumber (int)
* Title (text)
* Decription (text)

File (Có thể dùng summer note để lưu trực tiếp trên từng cái. Chỉ giữ lại file cho chapter, course)

* FileID (int)
* VideoID (int) FK
* ChapterID (int) FK
* CourseID (int) FK
* DiscussionID (int) FK
* FileLink (text)

Quizz

* QuizzID (int) PK
* Title (text)

Submit

* SubmitID (int) PK
* QuizzID (int) FK
* UserID (int) FK
* Score (float)
* CreateAt (datetime)

Question

* QuestionID (int) PK
* QuizzID (int) FK
* Content (text)
* Picture (text)

Answer

* AnswerID (int) PK
* QuestionID (int) FK
* Content (text)
* Score (float) (>0 => correct)

UserAnswer

* UserAnswerID (int)
* SubmitID (int) FK
* AnswerID (int) FK