

Relational Model

Student(

StudentID: STRING (not NULL)
StudentName: STRING (not NULL)
Email: STRING
StudentAddress: STRING
PhoneNo: STRING
Plan: BOOLEAN (default value: FALSE)
Fee: FLOAT

)

StudentID → StudentName, Email, StudentAddress, PhoneNo, Plan, Fee

Question(

QuestionID: STRING (not NULL)
QuestionContent: STRING (not NULL)
Subject: STRING

)

QuestionID → QuestionContent, Subject

ExpertAnswer(

QuestionID: STRING (not NULL)
AnswerContent: STRING (not NULL)
AnswerReview: STRING
Dislike: INTEGER
Like: INTEGER

)

QuestionID → AnswerReview, AnswerContent, Dislike, Like

Tutor(

TutorID: STRING (not NULL)

TutorName: STRING (not NULL)

TotalLike: INTEGER

TotalDislike: INTEGER

Idle: BOOLEAN (default value: TRUE)

Degree: STRING

Majors: STRING

)

TutorID → TutorName, TotalLike, TotalDislike, Idle, Degree, Majors

TextbookSolution (

QuestionNumber: STRING (not NULL)

Solution: STRING (not NULL)

)

QuestionNumber → Solution

Book (

ISBN: STRING (not NULL)

BookName: STRING (not NULL)

Edition: STRING

Publisher: STRING (not NULL)

Author: STRING (not NULL)

)

ISBN → BookName, Edition, Publisher, Author

Payment (

CardNo: STRING (not NULL)

ExpDate: DATE (not NULL)

CSC: INTEGER (not NULL)

)

CardNo → *ExpDate*, *CSC*

BookOrdered (

Description: STRING (not NULL)

Quantity: INTEGER (not NULL)

Price: INTEGER (not NULL)

DueDate: DATE

ArrivalDate: DATE

)

Description, *Quantity* → *Price*, *DueDate*, *ArrivalDate*

BookSeller (

SellerID: STRING (not NULL)

SellerName: STRING (not NULL)

SellerAddress: STRING

)

SellerID → *SellerName*, *SellerAddress*