

Cybertek Graduation Project FAQ

1. Would you provide more clarification about relationship about following three tables

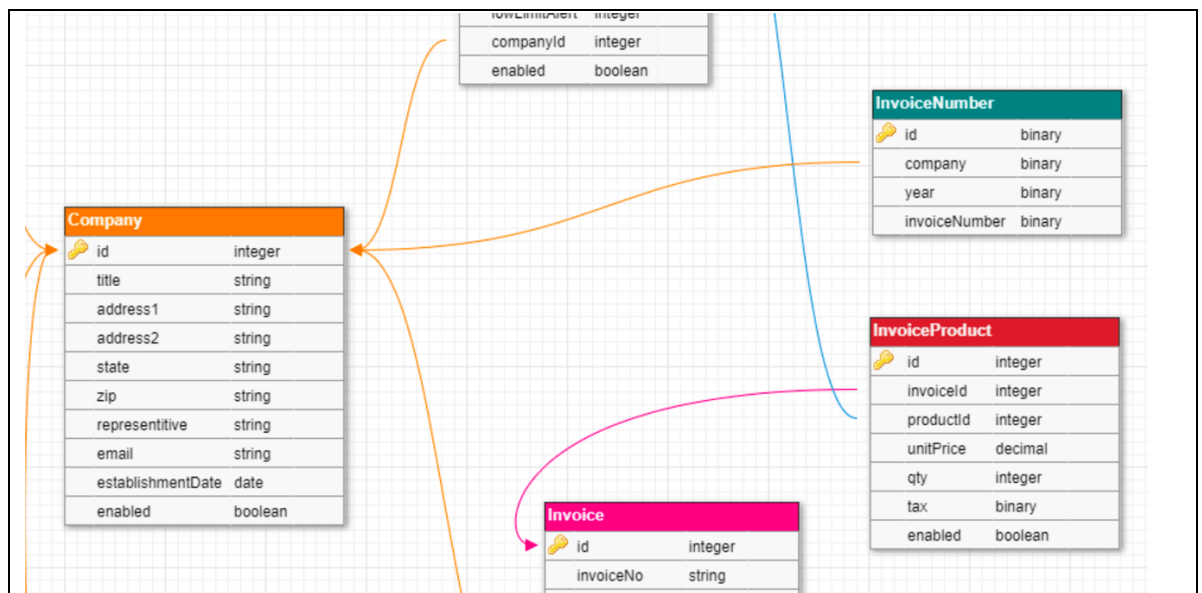
- InvoiceNumber
- Invoice
- InvoiceProduct

I can see that Invoice table has ManyToOne relationship with InvoiceProduct table.

In InvoiceTable, there is one field called invoiceNumber, but I did not see any relationship between Invoice and InvoiceNumber tables in E-R Diagram. Can you please provide a bit more clarification about this three tables? How are they working with each other?

Answer:

- As depicted in the Project SRS documentation there is a relationship between company and invoice number. As mentioned during Graduation Project presentation, except the relationship between User and UserRole all other relationships are Many-To-One. Different companies using app have their own invoice number generators, invoice number has to be unique for that fiscal year. For example, the first invoice of company X in 2021 will start with “#0001” and the invoice number generator should be reseted with 2022 and again the first invoice of 2022 will start with “#0001”. So, the invoice number cannot be a primary key or unique. Therefore, there is no need to establish a connection between Invoice and Invoice_Number table.



- Invoice_Product table will contain the line items added to Invoice. For example, in any invoice the items you add like, PC, Phone, TV, etc. will be included in invoice product table and the relationship will be Many-To-One with invoice over Invoice_Id. Many Invoice_Products, one Invoice.