

LU03.S07 - ERD: Reengineering of a existing database

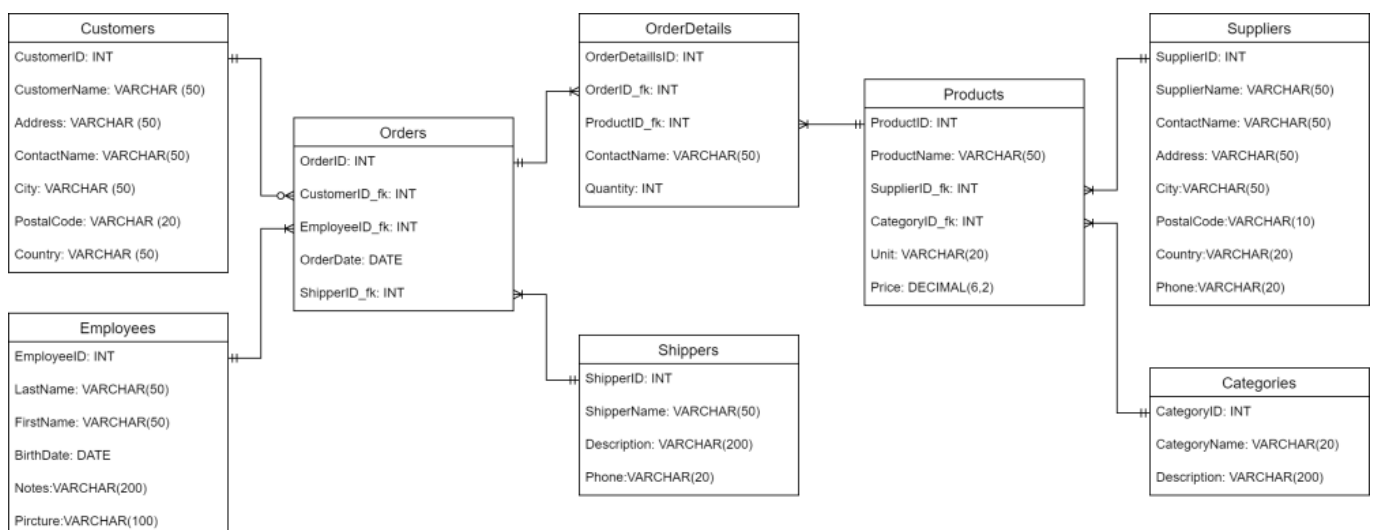
Task

Go to the W3Schools-Website, to the SQL-Editor, and analyze the existing data-structure. Create furthermore an ERD, that describes the existing data-structure in the Crow's Foot Notation.

Suggested approach

- We beginn the diagramm by identifying the entities. these are tables without any foreign keys:
 - Customers
 - Categories
 - Employees
 - Shippers
 - Suppliers
- Then we determine the attributes and the data-types of each entity (-table)
- We continue with the analysis of the relations. These are tables, which have foreign keys in their attribute list.
- Finally, we connect the tables with each other in the right fashion.

Solution



Vocabulary

| English | German |
|--------------|-------------------------|
| prerequisite | Grundvoraussetzung |
| given | gegebene, vorausgesetzt |

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| English | German |
|--------------------|--------------------|
| to determine | bestimmen |
| suggested approach | Vorgehensvorschlag |



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