

Your tasks:

-Choose your entities, write down their attributes.

-Create tables for these entities according to normalization rules.

-Explain the relationships between entities.

-Create an entity relationship diagram where you display all these information graphically.

- 1- You are working in a IT company where multiple small teams deliver one product each.
- 2- Every member of a team have a responsibility (title) such as product owner, backend developer, frontend developer, data engineer etc.
- 3- Also each product is being developed for a different customer,
- 4- and these customers are serving within different domains
- 5- Your task is to design and create a database where you can handle (store and retrieve) all these information.

The Staff Entity has the following

Personnel ID
Full Name
Team
Role
Date of birth

The Roles Entity has the following attributes:

Role ID

The Teams Entity has the following attributes:

Team ID Team

The Products Entity has the following attributes:

Product ID
Product Name
Costs

The Domains Entity has the following attributes:

Domain ID Domain Remarks

## Entities:

1- Staff (Employees): This entity holds the info about the staff.

2- Roles: This entity holds the info about the role types.

3- Teams: This entity holds the information about the teams

4- Products: This entity holds the information about the

5- Customers: This entity holds the info about the

6- Domains: This entity holds the info about the domains of the customers.

7- Orders: This entity holds the info about the orders.

8- Payments: This entity holds the info about the

The Customers Entity has the following attributes:

Customer ID
Customer Name
Customer Domain
Customer Demand
Bank Account
Tax Number

The Payments Entity has the

Payment ID Invoice ID Payment Date

The Orders Entity has the following attributes:

Invoice ID Amount of product Tax Number

