

There is an IT company where multiple small teams deliver one product.

Every member of the team have a responsibility (title) such as product owner, backend developer, frontend developer, data engineer etc.

Each product is being developed for a different customer, and these customers are serving within different domains.

We will design a database we can handle (store and retrieve) all these information.

It is designed dbdesigner.net

Product & Product_Owner Relationship

A product may have one owner but product owner may have more than one product.

So, One to Many

Product_Owner & Domain Relationship

product owner may serve in one domain can be run by many product owners.

So, One to Many

Title & Employees Relationship

Employees may have one title but one title can be found in many employees.

So, One to Many

Team & Employees Relationship

Employees may be in one team but one team may have many employees.

So, One to Many

Team & Product Relationship

A team may have one product, Also one product should be handled by one team

So, One to One

Employees attr:

employees_id name address salary dop & dob titlr team Customer_Domain attr:

domain_id domain_name

Product_Owner attr:

customer_id name address domain contact_info

Product attr:

product_id customer_id product_name product_final_date team_id product_budget

Team attr:

team_id team_name team_leader team_project_description

title attr:

title_id title_name title_description

