UNIVERSIDAD DE MÁLAGA

BIG DATA
ADVANCED ANALYTICS

EER MODEL

TOUROPERATOR

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DESIGN DEVELOPMENT

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DOMAIN OF APPLICATION

Relational database of a Touroperator

DATABASE DESCRIPTION

We are pretending to desing a datebase so we could get all the selling information of the touroperator
These touropertor has several products, classifield in seats and rooms. Each product refers to type of seat or room in a transport or accommodation.

- SEATS

The seats belong to airplane and train. They could be common or vip types. The prices of these seats will depend on the specific plane and train.
The plane or train could make several departures in one day from the same station, each seat being a product for the journey in question.
The products available by the touroperator can be purdhased by another Company (Subcharter) at its base price with a record of the purchase date.

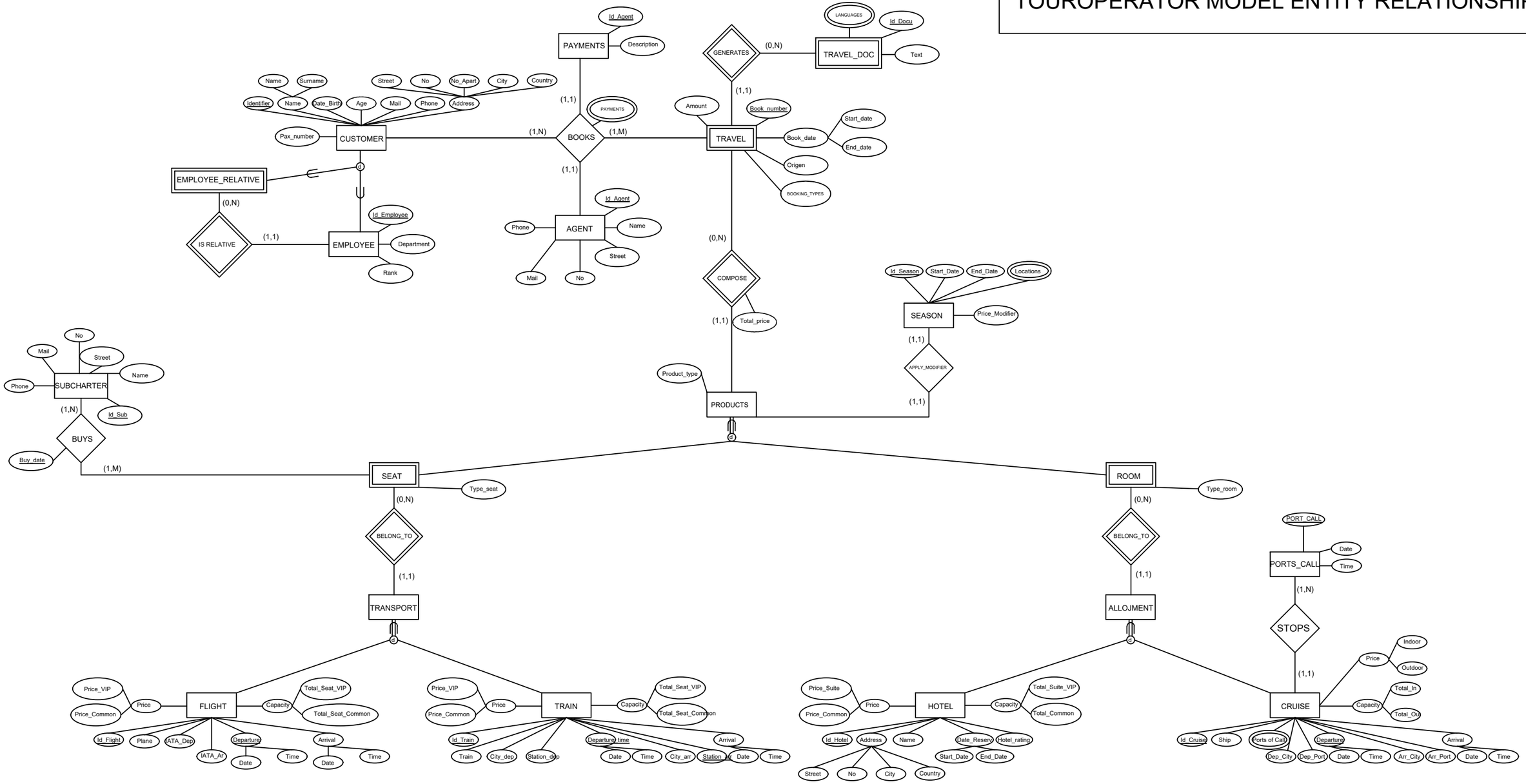
- ROOMS

The rooms belong to accomodationn booked in hotels or cruise. There are also two types with prices depending on the type the hotel or cruise.
The cruise are unique, It has several stops at the different ports during the journey.

- BOOKS

The touroperator booking trips through an agents composed of their products to customer.
A modifier will be applied to the base Price of the product according to the season in which will be: high, medium or low.
Once a trip is booked with the toruoperator with his procduct will generate the doumentation with the description of the reservation for the client.

In addition to this general description, the different entities and relationships generated in the EER model, have the necessary attributes and relationship definitions for their complete description.

The relational model of the touroperator is the followoing:

TOUROPERATOR MODEL ENTITY RELATIONSHIP