

You want to store information regarding an edition of the Feria del Caballo de Jerez.

### **Requirements**

- The space of the fair is made up of several walks or streets. You want to know the name of each one (for instance, Paseo de las Palmeras, Calle La Paquera de Jerez, ...)
- The booths are located in one of these streets. Although some can be located on a corner only the street where the booth has more meters of frontage is of interest. Each booth is identified by a consecutive number (eg from 001 to 213 in the last edition).
- For each stand, we also want to know the name of the owner and the number of square meters it occupies.
- Some booths have members, of whom you want to know their full name (surname and first name), their ID, telephone number and the number of guest passes they have. We cannot exclude that the same person may be a member of more than one booth.
- For each booth, you want to know the number of members it has.
- Finally, and for statistical purposes, we want to know the price in euros of the typical drinks of the fair on different booths (for instance, a pot of rebujito, potato omelet, ...).
- It is known that, internally, there is a kind of "brotherhood" between booths that facilitates their promotion, so we want to know which booths are twinned with each other. A booth can be twinned with none or many booths.

### **Exercise:**

- 1. E/R Model**
- 2. Create the tables (DDL)**
- 3. Create some functions and views (PL/SQL)**

1. Create a function that receives as a parameter the number of a booth and returns the number of members of it
2. Create a procedure that displays a list of all booths indicating the following fields: name of the booth, street where it is located and the booth number (id). It will receive as a parameter a character to indicate how to order the list: alphabetically ('a') or by booth number ('n')
3. Create a view that shows the description of the prize (prize), the name of the booth (booth) and its location, indicating street and number separated by a comma (location)
4. Create a view of prices that contains the different drinks (id) and the average price of that drink in the different booths of the fair (average).

**Note:** There is not a specific word for 'caseta' in English. We use "booth or stand" here but the context is different as you might guess.