

## Exercise 01 DBMS

Suppose you are working in a company that manages a network of restaurants.

```
Restaurant(idRestaurant, name, address)
Meal(idMeal, dateMeal, timeMeal, numerMealsServed, idRestaurant)
FinancialRecords(idFinancialRecords, asset, liability, profit, idRestaurant)
Manager(idManager, name, education{noUniversity, University})
ManagervsRestaurant(idRestaurant, idManager)
```

### Database

1. Create the tables corresponding to the previous relational schema  
All primary keys are autonumber. Datemeal is date type, and timeMeal is time type. Profit is currency. Education may be university and nonUniversity.
2. Create all relationships between tables
3. Add three tuples (rows) to each table.

### Queries

1. Create a query that shows all the names of the restaurants.
2. Create a query that shows the total name of the restaurant and the number of meals by each restaurant.
3. Create a query that shows the name of all the restaurants that have profit

### Forms

1. Create a form for the restaurant and another for the Manager
2. Create a form with subform for Restaurant/Meal and Restaurant/FinancialRecords
3. Create a form to assign each manager to a restaurant
4. Create a form for the menu.