**Learning Activity 2-11**

**The aim is to have a database to carry out the minimum control of the management of the purchase and sale in a business. You must create the E/R schema corresponding to that database and transform it into the relational schema or graph made on paper. For this, the following functionality specifications are taken into account:**

*The business sells products to several customers.*

*It is necessary to know the personal data of the clients (name, surname, ID, address and date of birth).*

*Each product has a name and a code, as well as a unit price.*

*A customer can buy several products from the company, and the same product can be purchased by several customers. You need to know how many products each customer buys. Every time a product is sold to a customer, the invoice number to which the sale corresponds is recorded. An invoice includes the date and time of the invoice and the products purchased by the customer.*

*The products are supplied by different vendors.*

*It should be noted that a product can only be supplied by one supplier, and that a supplier can supply different products. You only want to know which supplier supplies each product and not when it has supplied it and how many it has supplied.*

*For each supplier you want to know the NIF, name and address.*