



## HOSPITALS

We want to design the database for the administration of a **hospital** consortium that allows us to manage data about staff and patients. From each hospital, we are interested in storing its **name**, **address**, **telephone**, **fax**, etc.

**Hospital staff** (of whom we are interested in storing their **ID**, **name**, **address**, and **telephone** number) are divided into **administrative** staff and **medical personnel** (who may be **nurses** or **doctors**).

Doctors have a **specialty** that we are interested in knowing (**pediatrics**, **obstetrics**, etc.) and **only work, like the rest of the staff, in a hospital.**

**Patients** can **go to several hospitals in the consortium. They can be attended by several doctors.**

They want to know the **personal data** of the patients who are going to enter the hospital, as well as the **social security number**, **insurance company**, the **date of admission** and the **room** in which they must remain.

Each room is identified by a **room number** within each hospital and we want to know the **number of beds** available in each room.

Each **admission of a patient** to the hospital is associated with one or more **treatment** records indicating the **date and time** and the **doctor** who cares for the patient.

In addition, for each treatment we want to know the **illness**, a **description**, as well as a **comment to describe the result** of that treatment for the patient (for example, indicating if the patient has a fever, etc)