This project is a Hospital database that keeps track of its Patients, Employees (including Doctors and Nurses), different Departments, Rooms & Ambulances.

It also keeps track of each Patient’s Medical info, Blood Donors, which Department they donate their blood to, as well as Bills paid by Patients, Employees’ salaries, and Employees’ shifts.

* The Person attribute is a unionization of three attributes Patient, Employee, and Blood Donor
* The Person attribute keeps track of each Person's name (first, middle initial, last), ssn, address, phone, B.date and sex
* The Blood Donor entity keeps track of the quantity of blood donated
* A Blood Donor works for (donates to) a specific department
* Each Patient is classified as IN patient (someone who stays in a room) or an OUT patient (someone who just comes for appointments)
* Both the IN and OUT patient take a Patient Medical Info, which keeps track of the prescribed medications’ names
* Each Patient pays a Bill
* A Bill entity includes bill number and total attributes
* The OUT patient entity has a check\_type attribute
* The IN patient entity has a type of disease attribute (a description of the case)
* Each IN patient stays in a Room and the database keeps track of the room number, and out date. Each Room has a Department it belongs to
* The Department entity keeps track of the department number, location ana department name
* The database also keeps track of its Employees that has specific attributes employee ID, salary, and hiring date
* The Employee entity has subclasses Doctor, Nurse, and Staff
* The Doctor entity keeps track of each doctor’s specialization and years of experience
* The Nurse entity has specific attributes skills and years of experience
* The Staff entity has attributes job title and years worked
* Each Doctor, Nurse, and Staff works for a specific Department, and has a Shift (The Shift entity keeps track of name and time)
* Each Doctor treats Patients and each Nurse assists a Doctor
* A Staff member can drive an Ambulance
* The Ambulance entity keeps track of the license plate number and the No. of patient it drives
* An Ambulance takes an IN patient and arrives at a specific Department.