Hospital Management System

The system’s intent is to create a software that enhances the hospital to work more quickly and efficiently since the staff, room and patients’ information will be kept up to date and there will be an immediate communication between all the people involved in the management and the day-to-day of the hospital. The system will only manage the actual situation on the hospital, so discharged patients will be deleted.

To provide this service, the system will be divided into four types of users, each of them with different features.

Admin module features:

* Admins will be able to see and update room’s costs, as well as adding new rooms
* They will be able to register other users (admins, receptionists, doctors and nurses) as well as deleting and seeing all the existing ones.
* They will be in charge of staff management: adding and deleting doctors and nurses, as well as seeing their information and update it
* They can assign nurses to patients
* Access patients’ information
* Log out
* Generate XML and HTML files containing the patient’s information

Receptionist module features:

* Receptionists can view patients’ information
* They will be responsible of the admission and discharge of patients
* They will be able to register a patient from an XML file
* Generate payment reports
* Log out

Doctor module features:

* Doctors will be able to access patient’s information
* Modify the medical condition of the patient
* View, delete and prescribe treatments to patients
* View own profile, modify it and log out

Nurse module features:

* Nurses can only access their patient’s information
* View own profile, modify it and log out