**REQUIREMENT**

The clients of the system are:

* Doctors
* Patients
* Receptionists

Initially the patient records are maintained on a card which is in possession of the patient. The patient is required to get it every time they visit the hospital. The doctor writes the symptoms, diagnosis, and the prescribed medicine on the card after examination. The card also holds the patient details, such as the photograph, address, work information and education.

The new system is to be designed that would be capable of handling the records more efficiently, provide a degree of redundancy to prevent data loss, and allow sharing of records between the same chain of hospitals (to have a central accessible database).

**PROBLEMS**

* The records are maintained on paper, so there is risk of error
* The records are also prone to loss by accidents
* Extra work goes in maintaining the records
* The patient is required to produce the card every time they visit