

# Healthcare Management System

## Project Overview

We intend to design a system that will help the doctors and their associates pull out the record of any patient, for the entire medical history that has been documented and/or has been reported. Everyone involved in the medical facility will be able to access the medical records depending upon the access levels they have been granted. This system will work best in cases of critical patients where the doctors have to wait for the medical history of the patients.

## Background

Health is the most important aspect of everyone's life. And the best way to take care of our health will be to be prepared for the worst scenarios well in advance so that no lives are lost just because of the lack of information. There may be cases where a person is allergic to some medicines or treatments. In principle, all this information can be acquired through numerous avenues, such as surveys, electronic financial transactions for health insurance claims, computer-based patient records (CPRs), and disease registries. In practice, no one system will suit every need or produce information appropriate for every question. And therefore we want to come up with a centralized database that holds all the records pertaining to people with any kind of medical history which should be accessible to the hospital management

## Purpose

The purpose of having a proper healthcare management system is to provide the best medical assistance, the management of the hospital must be disciplined, well-versed in its service providing techniques. One should be able to keep track of the records of the doctors, patients, nurses, and other hospital staff. But if these records are maintained on paper, it will not be a cup of tea that can be sipped without burning the lips. All the details will be computerized whether it is small or big. Also, having an automated inventory system will also provide medicine to the patients, along with that one would be able to know the status of the available medicines. It will be an easier task for the management to keep a record of the patients for historical purposes.