Healthcare Management System

Project Overview

The project deals with designing Data Model for the Healthcare Database Management System. It includes registration of patients, storing their information and the health problems details into the system. It will also contain doctors' information and will digitalize the whole billing system. It helps the patients book their appointments with the required doctors. It will also help the patients know about the availability of the doctors on call. It has the facility to give a unique ID for every patient and stores the details of every patient and staff automatically. Users can search the availability of a doctor and the details of a patient using the patients' unique ID. And the whole process conducted by Administrator. This centralized system with different access authorities and data retrieval.

Objectives

- Centralization and easy access to data
- Maintain data for patients, doctors, and staff members
- Reduce patient wait time
- Inventory Control
- Improve data security
- Faster decision making
- Better diagnosis and treatment
- Report generation

Scope

The Healthcare Database Management System project aims to computerize hospital operations. It meets all the needs of a typical hospital, and it can store information about patients who visit the facility in a simple and efficient manner. It provides test results and delivers drugs to patients and doctors. It also allows for billing based on the patient's state, such as whether they are an indoor or outdoor patient.