**Hospital Management system**

**Introduction:**

The project Hospital Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the details of every patient and the staff automatically. It includes a search facility to know the current status of each room. User can search availability of a doctor and the details of a patient using the id.

The Hospital Management System can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

Hospital Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

Hospital Management System is designed for multispeciality hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless flow.

Hospital Management System is a software product suite designed to improve the quality and management of hospital management in the areas of clinical process analysis and activity-based costing. Hospital Management System enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes

**Objective:-**

1. Define hospital
2. Recording information about the Patients that come.
3. Generating bills.
4. Recording information related to diagnosis given to Patients.
5. Keeping record of the Immunization provided to children/patients.
6. Keeping information about various diseases and medicines available to cure them.

These are the various jobs that need to be done in a Hospital by the operational staff andDoctors. All these works are done on papers.

**1.3 MODULES:**

The entire project mainly consists of 7 modules, which are

* Admin module
* User module (patient)
* Doctor module

**1.3.1 Admin module:**

* manage department of hospitals, user, doctor, nurse, pharmacist, laboratorist accounts.
* watch appointment of doctors
* watch transaction reports of patient payment
* Bed ,ward, cabin status
* watch blood bank report
* watch medicine status of hospital stock
* watch operation report
* watch birth report
* watch diagnosis report
* watch death report

**1.3.2 user module(patient):**

* View appointment list and status with doctors
* View prescription details
* View medication from doctor
* View doctor list
* View blood bank status
* View operation history
* View admit history. like bed, ward icu etc
* Manage own profile

**1.3.3 Doctor module:**

* Manage patient. account opening and updating
* Create, manage appointment with patient
* Create prescription for patient
* Provide medication for patients
* Issue for operation of patients and creates operation report
* Manage own profile

**HARDWARE REQUIREMENTS FOR PRESENT PROJECT**:

PROCESSOR : Intel dual Core ,i3

RAM : 1 GB

HARD DISK : 80 GB

**SOFTWARE REQUIREMENTS:**

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OPERATING SYSTEM : Windows 7/ XP/8

FRONT END : Html,css,java script.

SERVER SIDE SCRIPT : Php

DATABASE : Mysql

