**Synopsis of Hospital Management System**



“Department of Computer Science“

Project synopsis

on

**“Hospital Management System”**

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**Title of project :**

**“Hospital Management System”**

**Objective of the study :**

The main objective of the Project on “Hospital Management System” is to manage the details of Hospital, Doctors, Patient, Employee, Test. It manages all the information. The project is totally built at administrative end and thus only the administrator is guaranteed the access.

The purpose of the project is to build an application program to reduce the manual work for managing the Hospital, Doctors, Medicine, Patient. It tracks all the details about the Patient, Employee, Test.

**Abstract :**

Our project Hospital Management System can be entered using a username and password. Data can be accessible by an administrator or receptionist. Only they can add data into 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.

**Activities performed :**

* Software and hardware required are collected.
* Basic information regarding the patients details are collected.
* Information modules are prepared.
* All modules are integrated.
* Project prototype thus formed is tested for desired efficiency.

**Modules:** mainly consists 3 modules, which are

* Admin module
* User (Patient) module
* Doctor module

**Language and Software requirements :**

* HTML
* CSS
* BOOTSTRAP
* JAVASCRIPT
* PHP
* MYSQL
* OS – Windows 7
* Notepad ++

**Hardware required :**

* Laptop/Desktop with 4 GB RAM
* Hard Disk Space
* Processor
* Necessary input output devices like printer

**Disadvantages of previous system :**

* Most of the records are still maintained in papers or in file.
* It takes more time.
* There is a possibility of missing the prescriptions and reports.
* So, searching and upgrading the details is a tedious task.
* Also, there is a chance of errors.

**Advantages :**

* Only basic knowledge of computer is required and user friendly applications.
* It improves the quality of patient care.
* It is highly secure.
* Less manual works and reduce in time spent.
* It is a computerized data. So, can be easily maintained and retrieved.

**Conclusion :**

* From this, we conclude that the hospital database is very useful to many hospitals.
* We can easily access any patient’s information any time and can be kept safely for long period of time without any damage.
* We can efficiently identify the patient’s health conditions by accessing these records.

**Reference :**

• Google for problem solving

• <http://www.w3schools.com/>

• <https://www.tutorialspoint.com/>

• <http://www.javatpoint.com/>