**Hospital Management System**

1. **Introduction:**

This project online Hospital Management System aims at to develop the software that covers all the aspects of management and operations of hospital. It enables healthcare providers to improve operational effectiveness, reduce costs, reduce medical errors, reduce time consumption and enhance delivery of quality of care. This project will implement all the activities of the hospital in a computerized automated way to faster the performance.

The main purpose of our system is to make hospital task easy and is to develop software that replaces the manual hospital system into automated healthcare management system. This document serves as the unambiguous guide for the developers of this software system. This project is to maintain the patient details.

1. **Agenda:**

“Hospital Management System” is developed to computerize the following functions that are performed by the System:

1. Using this hospital management system user can take online Appointments with the doctors.
2. Admin can register new patient through this system.
3. This system is also keep records of Patient’s .
4. Admin can also check the report of admitted patient or admitted patient any time. Like total number of admitted patient in the given time in the hospital.
5. **Developer Details:**

My name is Pratidnya Khedekar, graduated in 2020 as a Computer Engineer from New Horizon Institute of Technology and Management, Thane.

This project is a practical implementation of some of the languages and technologies which I have been learning,such as HTML, CSS, JSP, Servlets ,JAVA and JDBC.

1. **Procedure:**

Requirements:

* Operating system:-

Windows 10

* Front-end:-

Html, CSS, JSP, Java

Eclipse-Java EE

* Back-end:-

MY SQL Workbench

JDBC

At the very first page of the website we can see the welcome message and some tempting images of delicious dishes prepared by our makers keeps sliding in the background.

A basic description about the website is also presented to the patient after which a button is provided to the patient to move to the further steps.

If the patient is new to the website he/she has to login the website.

While the patient fills the details in the registration section, the data filled is stored into the database with the help of JDBC. Details such as Username, password etc are stored.

This was all about the new patient, but if the patient has already registered to the website then he/she has to just enter the login.

The data entered is cross-checked in the database, if the details are correct the patient can access the further pages of the website but if not then an error message is displayed.

Once the patient has successfully logged into the website.

1. **Conclusion:**

Hospital management system is all about the modernizing a hospital through use of technology. Computers helps in it and take over the manual system for quick and easy functioning. This hospital management system is a quite the reliable and is proven on many stages. All the basic requirements of the hospital are provided in the hospital in order to manage it perfectly and large amount of data can also be stored . It gives many facilities like searching for the detail of patient , billing facilities as well as the creation of test reports.