**Hospital Managment System**

**\* Introduction -** Hospital managment system is a software designed for the to store the medical records, files , reports , tests , x-rays etc. all the medical information of the patient will be store in this Hospital managment system project. This help for the patient as well as doctor for managing the data of the patient. Now there is important of storing the data in online way , reducing the paperwork , improving the patient care and satisfaction , better decision making, improving the staff productivity.

The information about the patient his name , age, contact no of the patient, disease then doctor name , contact number of patient , speclization of the doctor. Hospital managment system . In these concepts we use class and the object , string ,keyword ,switch etc.

**\* Key features-**

**.** The registration of the patient .

•Scheduling the appointment.

•Billing &insurance managment.

•Operation theatre management.

•Staff management.

**\* Objective :**

\* Implementation of object oriented programming.

\* provide the reports and analytics for mangem anytime for better decisions making.

\* Connection between the all the department on a single platform for the better coordinationlike

\* Patient care management

\* Financial Accounting like billing .,

\* Facility management

\* Computerized the all details of the patient and hospital.

\* Front office ,OPD management.

\* Reception desk management.

\*Reduce the medical error and improving the safety.

\* Security of the data .

**\* Tools & technology –**

\* Object oriented programming for making the management system.

\* Class and object concept , String, for the for the property of the behaviour of the object.

**\* Methodology –**

First our class is patient ,then the doctor. We use string and vector is for storing the more than the two numbers.

From the class public and private we use public.

**\* The Output -**

From the end of the project the output will .the output of the project will be all the information of the hospital and patient like name , age, diseases

Hospital name , doctor name specialization of the doctor etc all the information will display.

**\* Conclusion –**

Hospital mangment system it’s provides easy and effective storage information of the hospital and the patient care services.

It covers the all work flow from the appointment, Registration, , history of patients, doctor ,billing process.

Name : Sanika Kadam

Depart : Cyber security

PRN : 2124UCSF1112