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OBJECT ORIENTED PROGRAMMING

SUBMITTED BY:

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**HOSPITAL MANAGEMENT SYSTEM**

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## Project Title: **HOSPITAL MANAGEMENT SYSTEM**

## Abstract:

This Hospital Management System project is a computerized hospital front desk management that produces user-friendly, quick, and cost-effective software. It handles and secures patient information, diagnosis data, and so on. This was done by hand and its’ principal job is to register and maintain patient and doctor information and to access and update the information when needed. Patient information and diagnosis are entered into the system, then the output is used to display these details on the screen. A username and password are required to access the Hospital Management System. It can be accessed by a receptionist or an administrator. They are the only ones who have access to the database. The information is easily accessible. For personal usage, the data is well-protected, and the data processing is quick.

## Project Objectives:

The objective of this project as follows:

To save records.

For fast access of data.

In this project, we will cover

* Doctor
* Patient
* Lab tables

It working will be like we already save Doctors’ details. Options will be shown on Frontend like option 1. The Doctor and option 2 & 3. 2. New entry or 3. Doctor’s List. Here in the new entry option you can save the details of New Doctor like below:

* ID: -
* Name: -
* Specialization: -
* Working Time:
* Qualifications: -

## IDE & Programming Language Used:

In this project we will use ECLIPSE IDE and JAVA Programming language for the development of this Hospital Management System.

## Project Implementation:

It is a small JAVA OOP project which will be user-friendly and responsive. This can be very helpful in managing records in Hospitals. In this project we are also going to work on GUI which is user-friendly and easy to use.

## Project Milestones:

The Project will be completed in the following milestones:

Finish

Start

4

3

2

1

02 – Prototype / Mockup Design

04 – Project Submission

We will design the Prototype / Mockup of our Hospital Management System on Figma/PS

The project will be submitted to Sir Kamran with a Final Report and individual Viva.

03 – Development

01 – Proposal Submission

We will develop the program for our Hotel Management System on ECLIPSE IDE.

The Project Proposal will be submitted to Sir Kamran for Project Approval

## Applications/Uses:

* Patient Management
* Doctor/Physician Management
* Medicine and Prescription Management
* Online Appointment Management
* Medical and Transaction Management
* Payment and Expense Management