

**DBMS Mini Project**

on

**Hospital Management System**

Submitted by

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**SCHOOL OF COMPUTER ENGINEERING AND TECHNOLOGY**

**C E R T I F I C A T E**

This is to certify that,

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of SYBTech. (Computer Engineering and Technology) have completed their Mini Project report on **Hospital Management System** and have submitted this End term report towards fulfillment of the requirement for the Degree-Bachelor of Computer Science & Engineering (BTech-CSE) for the academic year 2023-2024.

**[Mrs. Shakti Kinger]**

Mini Project Guide

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# **Abstract**

The Hospital Management System project is a python-based native application aimed at facilitating the management of patient, nurse, doctor, and room records for administrative purposes. The project employs Tkinter for the front-end interface and pymysql as the back-end database technology, along with other relevant tools.

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# **Introduction**

We live in a society.

**1.1 Mini Project Statement**

The motivation behind the Hospital Management System project is to streamline the administrative tasks of a hospital by providing a user-friendly, efficient, and secure system for managing records of patients, nurses, doctors, and rooms. The primary objectives of this project are as follows:

1. To develop a single-user web application that allows the admin to maintain

and manipulate hospital records.

1. To create a robust and secure database structure for storing information

related to patients, nurses, doctors, and room assignments.

1. To ensure data consistency, integrity, and accessibility.
2. To enable efficient retrieval and modification of records.

## **Area**

Hospitals, obviously.

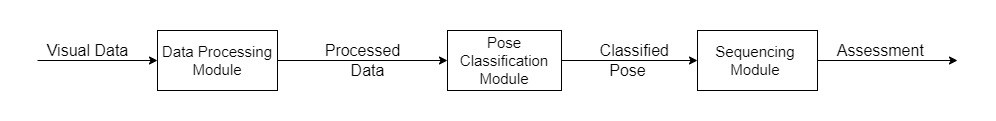
## **Mini Project Aim**

To simulate a hospital’s management system.

## **1.4 Applications**

* To simulate a hospital’s management system.
* To manage hospital data i.e., patient records, employee information etc.

# **Background Work**

Figure 2.1: Block Diagram of the model