What is the Abstract of Hospital Management System Project Report?

It is important to know what does a Hospital Management System Project is and I provide to you the report and abstract of a Hospital Management system.

Hospital management encompasses all facets of a hospital, as well as the coordination of all of its components. This could include everything from patient care to record keeping to drug inventory and cleanliness.

To ensure that their company runs successfully, all hospital healthcare managers collaborate with clinicians, make policy choices, oversee patient care, budgeting and accounting, and lead marketing activities.

Patient registration, appointment scheduling, document management, consultation management, lab management, drug safety, report creation, personnel management, outpatient management, and much more are all part of the hospital administration process.

Hospitals and clinics are complicated organizations with several departments, specializations, schedules, teams, data kinds, and other factors to consider.

Here are the List of Modules that the Hospital Management System should have:

- **Patient Management:** This module covers from the process of intake until discharge of an account of the patient's engagement with the health-care team. Communication, empathy, examination, evaluation, diagnosis, prognosis, and intervention are all part of the process.
- **Doctor/Physician Management:** The management of the physicians would be included in creating this system. Through this process, the admin will have the information and transactions made by the doctors with the patients.
- **Medicine and Prescription Management:** This module will handle the process of monitoring a patient's medications to verify that they are taken correctly and that the intended therapeutic outcome is achieved.
- **Online Appointment Management:** This process is a tool that helps hospital admin manage their appointments. Internet booking is one of the tools available in an appointment management solution. Booking with a mobile app.
- **Medical and Transaction Management:** Medical and transaction management modules aims to secure every transaction made by the patients and physicians in order to enhance healthcare quality and outcomes.
- **Payment and Expense Management:** Payment and expense management module id meant to assist the admin in the payment management process. This will help the hospital with the full payment processing and accounts payable process.

These modules must be present in creating the Hospital Management to satisfy the needs in managing Hospital transactions. Through this, the management and monitoring of patients would be much easier for both hospital admin and physicians.

Important Diagrams for Hospital Management System Project Report, PDF Documentation and PPT

Here are the essential Diagrams for Hospital Management System Project Report and PDF of Thesis Documentation.

1. **Hospital Management System Database Design**

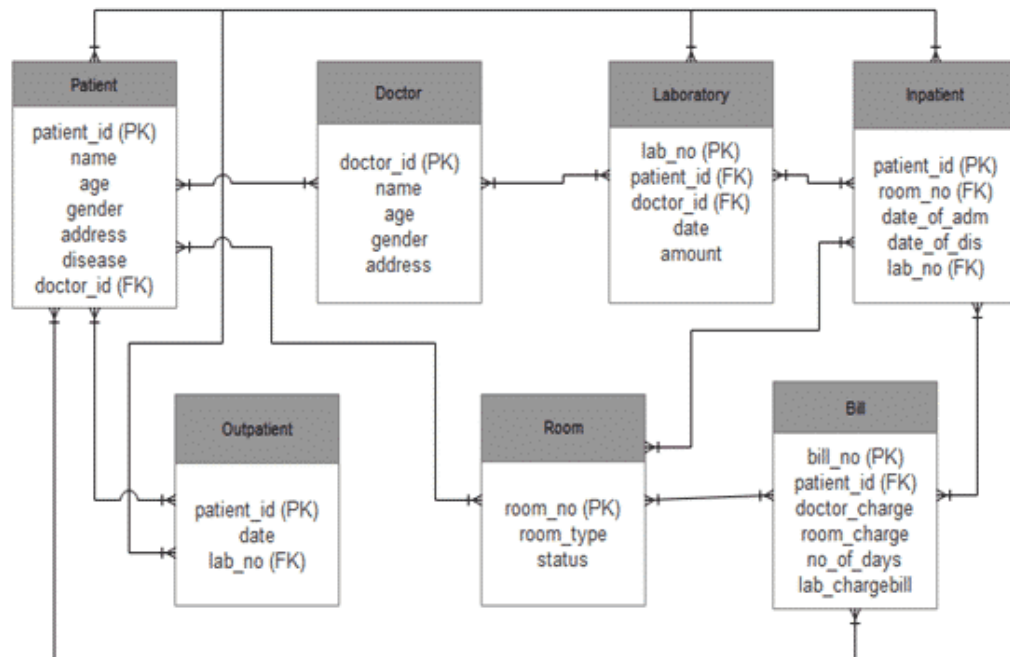   **What is Hospital Management System Database Design?**
   The *Hospital management system database design* is a database design use for managing **hospital** functions and events. It enables the admin to register a patient for the hospital, stores their disease details into the database. Any of the staff members, doctor & admin is able to add, view, edit, update or delete data.

   What is the purpose of Hospital management System database?
   The purpose of the Hospital Management System database Design is to make a secure and easy way of storing information of the patient, doctors, inpatient, outpatient, Rooms, and Bill payment.

   What are the Features of the Hospital Management System Database Design?
   There are seven(7) common features of Hospital Management System Database Design such as Managing Patients, Doctors, laboratory, Inpatient, Outpatient, Rooms, and Hospital Bills information.
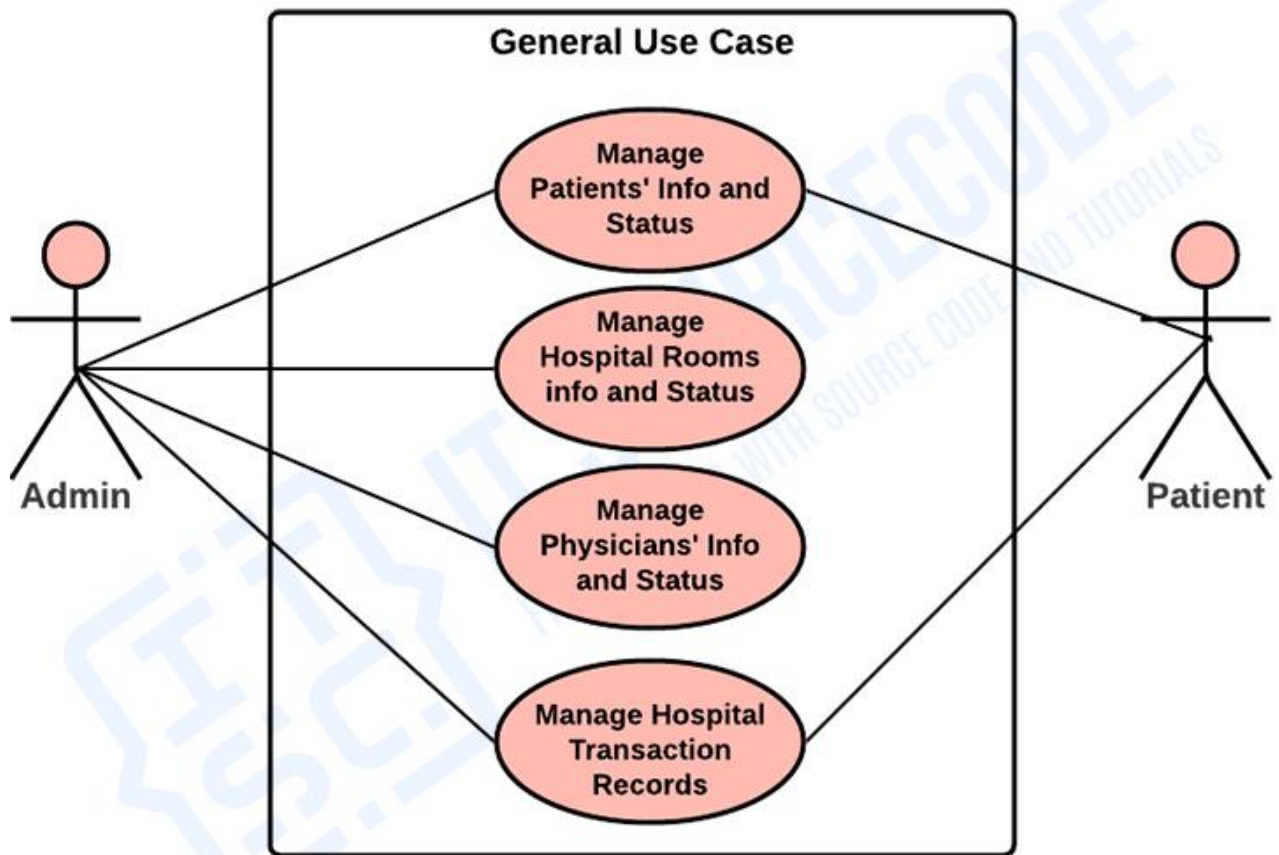
2. **Hospital Management System Use Case Diagram**

A use case diagram is a visual representation of how a user might interact with a program. A use case diagram depicts the system's numerous use cases and different sorts of users. The circles or ellipses are used to depict the use cases.

By creating the use case of the Hospital Management System, you must determine first the possible features to identify the flow of the system. After that you can now create the blueprint or core of the system function.

HOSPITAL MANAGEMENT SYSTEM

USE CASE DIAGRAM

3. **Hospital Management System DFD Level 0 1 2**

This will give you deep understanding about **Hospital management system DFD levels 0, 1 and 2**. This will teach you in managing hospital information as well as the flow of activities happens in hospital management system.

The **Data Flow Diagram (DFD)** represents the flow of data and the transformations in Hospital management system. These transformations occurs as data enters and exits a system.

In the DFD, input, processing, and output are used to represent and define the overall system.