# A Case Study Report

# Hospital Database Management System

# Project Given by:

# Name

# Technical Trainer (.Net)

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# Submited to:

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# ****Purpose:****

A Hospital Management System Project that includes a number of Surgeon, Patient, Department, Room, Bill. The purpose of this case study is to design and develop a database for the Medical Clinic to maintain the records of various departments, rooms doctors and patient in the hospital.

**List of Tables:**

1. Surgeon
2. Department
3. Patient
4. Room
5. Bill
6. Relation

**Main Feature:**

This is a project that I have added queries of different types including

- Joining with Where Clause

- Joining with Group By & Having Clause

- Joining with Order By

-Subquery

-CASE Function

- CTE

-Store Procedure

- Roll Up

-Rank

- Create Index

-Marge Table

-Create Function

-Create Trigger

**Objective:**

Understand the system functionality and describe the main functions of the HMS system.

• To computerize all details regarding patient and Hospital details.

• The Information of the patients should be kept up to date there record should be kept.

• To define and analyze the applicable tools to verify, validate and test the HMS system.

• To identify the software management activities and tools that are applicable to the HMS system.

**Summary:**

This project which I have joined all the tables to find out the information of the individual patient. Maintained Doctor and Patient's Information in Store Procedure and Trigger. Also count the patient's total bill.