

SOFTWARE CONSTRUCTION

Semester Project Proposal

Hospital Management System

(Web Application)

Submitted by:

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**Project Description**

A website for online hospital management based on web development using ASP.NET and C#. The purpose of the management system is to provide a user-friendly environment for the patients and the doctors that are based on a graphical user interface. The system would allow new patients to get them to register and to store their information which includes their personal information and the diseases that they are suffering from and the doctor's prescribed diagnosis. And detailed information for their treatment. It incorporates a search capability to know the current status of each room. Users can look through the accessibility of a specialist and the details of a patient utilizing the id.

The system is accessible by the patient or the doctor only through their username and password. Moreover, the hospital management system has forms that are used to store details of the patient, patients registration, prescription for the patients and allows the user to enter the data as well as view the result.

**Technologies Used:**

* ASP.NET Core
* MVC Framework
* Microsoft SQL Server Express (Database)
* C# (Programming language)
* Visual Studio (IDE)