

DESIGN AND DEVELOPMENT OF ONLINE HOSPITAL MANAGEMENT INFORMATION SYSTEM

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ABSTRACT

Computers are finding their way into every business, industry and research activity today. The use of computers is diverse such as entertainment, education, problem solving, research, personal management, etc. In hospitals, the process of maintaining the record of patients and employees working in the hospital, calculating bills, etc., requires processing and record keeping in different departments. Keeping in view a strong need for managing the above information fast and efficiently, Online Hospital MIS has been designed and developed. It is user friendly and provides simple and efficient way for managing the working of hospitals. It has been developed using .NET Framework. The database has been secured as only authorized personnel can modify the data. The database has been designed using Microsoft SQL Server 2000 as the back-end and the application has been developed using ASP.NET 2.0 as front-end. SQL Client data provider has been used to provide database connectivity. The software provides better speed and performance than the traditional hospital management system.

KEYWORDS: MIS (Management Information System), .NET Framework, SQL Server, SQL Client, ASP.NET