Hospital Management System

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ABSTRACT

The purpose of the project entitled as "HOSPITAL MANAGEMENT SYSTEM" is to computerize the Front Office Management of Hospital to develop software, which is user friendly simple, fast, and cost – effective. It deals with the collection of patient's information, diagnosis details, etc. Traditionally, it was done manually. The main function of the system is register and store patient details and to retrieve these details as when required, and also to manipulate these details meaningfully System input contains patient details, while system output is to get these details on to the screen. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast.

INTRODUCTION

The project Hospital Management system includes registration of patients, storing their details into the system. The software has the facility to give a unique id for every patient and stores the details of every patient automatically. It includes a search facility to know the details of a patient using the patient's id.

It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

Hospital Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

Hospital Management System is designed for multi-specialty hospitals, to cover a wide range of hospital administration and management processes.

It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care and hospital administration in a seamless flow.

Hospital Management System is a software product suite designed to improve the quality and management of hospital management in the areas of clinical process analysis and activity-based costing. Hospital Management System enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes.

OBJECTIVES

1)   Recording information about the Patients that come.

2)   Keeping the patient stay record at the hospital.

These are the various jobs that need to be done in a Hospital by the operational staff. All these works are done on papers.

Scope of the Project:-

1)   Information about Patients is done by just writing the Patients name, his/her father's name, patient's ID age and gender. Whenever the Patient comes up his information is stored freshly.

All this work is done manually by the receptionist and other operational staff.

The entire project mainly consists of a single module, which are

2)   Manage the profile of a patient only we can also implement this project to manage the data of the doctors and employee also applied for ambulance service.

EXISTING SYSTEM

Hospitals currently use a manual system for the management and maintenance of critical information. The current system requires numerous paper forms, with data stores spread throughout the hospital management infrastructure. Often information is incomplete or does not follow management standards. Forms are often lost in transit between departments requiring a comprehensive auditing process to ensure that no vital information is lost. Multiple copies of the same information exist in the hospital and may lead to inconsistencies in data in various data stores.

PROPOSED SYSTEM

The Hospital Management System is designed for any hospital to replace their existing manual paper based system. The new system is to control the information of patients. This service is to be provided in an efficient, cost effective manner, with the goal of reducing the time and resources currently required for such tasks .

FEASIBILITY STUDY

The feasibility of the project is analyzed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.

Three key considerations involved in the feasibility analysis are:

CONCLUSION

Since we are entering details of the patients electronically in the" Hospital Management System", data will be secured. Using this application we can retrieve patient's history with a single click. Thus processing information will be faster. It guarantees accurate maintenance of Patient details. It easily reduces the bookkeeping task and thus reduces the human effort and increases accuracy speed.

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