

Hospital Management System

CO226-Project Description

Group No:08

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INTRODUCTION

Hospitals currently use manual system for management and maintenance of data collected from the patients. This manual system needs numerous paper forms to be filled by the patients and therefore it is not efficient and accurate. Now a day's people except this efficiency because lack of time is becoming a huge problem. Therefore, we suggest an automated system for hospital information management to reduce the inefficiency and errors and to increase the data integrity.

PROBLEMS IN MANUAL SYSTEMS

1. people have to spend a lot of time at the reception
 - To fill registration forms
 - To get information about available doctors
2. The data collected from the patients, doctors and the staff can be obtained by anyone since the data are stored physically in files
3. Doctors have to wait to get the details and history about a patient
4. difficult to edit information of a particular record since we have to change the same record in different files.

OBJECTIVE

Above mentioned are some problems which motivated us to choose this project topic. The main objective of this system is to provide solutions for the problems arise when using a manual management system

LIST OF USERS

- 1.Admin
- 2.Patients
- 3.Doctors
4. Staff

FEATURES OF THE SYSTEM

- 1.The system will contain different profiles of patients, doctors and staff including required details of them.
- 2.Can create a profile for a new patient, doctor and a staff
- 3.Can Edit and Delete a profile of a patient, doctor and a staff.
- 4.Can get the required information about the doctors, patients and staff at once using Patient ID/Doctor ID/Staff ID
- 5.Can easily find details of available doctors in any time according to patient's need.
6. Doctors Can easily access the system and get required details and history about a patient using Patient ID.
7. The data collected from the patients, doctors and the staff can be obtained by the people who only have the access to the system can access the data.

ACCESS ROLES

1.Administration

- Checking whether the database is up to date.
- Database maintenance.

2.Receptionist/Staff

- Creating a profile for a new patient.
- Viewing the profiles of doctors.
- Assigning a doctor to a patient.
- Updating patient records.

3.Doctors

- Viewing profiles of patients to see medical records and details.
- Updating and modifying patient records.

4.Patients

- Accessing their profiles to see their medical records and other details.
- Viewing the specialization of the doctors.