Hospital Management System

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Abstract **- A hospital management system (HMS) is a computer or web-based system that facilitates managing the functioning of the hospital or any medical set up. This system or software will help in making the whole functioning paperless. It integrates all the information regarding patients, doctors, staff, hospital administrative details etc. into one software. It has sections for various professionals that make up a hospital.**

Index Terms **- HOSPITAL MANAGEMENT SYSTEM, Portal, Website, unauthorized, Element.**

INTRODUCTION

With Hobby Grooming Portal, you can easily find the most awesome tutors. Tutors who are passionate about teaching, who care about

SCOPE:
sing HMS one can quickly check the availability of rooms/beds so that the receptionist can adjust transfer of patients from one ward to another or allot the bed to the new patient. This data is constantly updated to keep a track of discharged patients. This section also includes the detailed schedule of the operation theatres. This helps the receptionist or the nurses to know.

DESIGN APPROACH:
It has been built using HTML, CSS JAVASCRIPT, and BOOTSTRAP.
HTML, CSS, and BOOTSTRAP is used for frontend, JAVA is used for backend and MySQL is used as database to store information.

ROLES:
Doctors
Patient information Supplies control
Billing Laboratory/Radiology Employees
Statistical Reports Telehealth care

WORKING:
It has been built using HTML, CSS, JAVASCRIPT, and BOOTSTRAP. HTML, CSS, and BOOTSTRAP is used for frontend, Python is used for backend and MySQL is used as database to store information.

Login & Registration: First of all, types of users have to register. After registration they can login, will be able access all the features of this site.

Profile Management: Profile can be managed be editing it.

Feedback and Complaint: Feedbacks can be given. Complaints can be made in order to improve the services.

City Event Management: Information about events happening in city can be obtained at one place. It will be managed by admin. It will be posted /deleted/modified by the admin.

Message Management: User can communicate by sending message in this site.

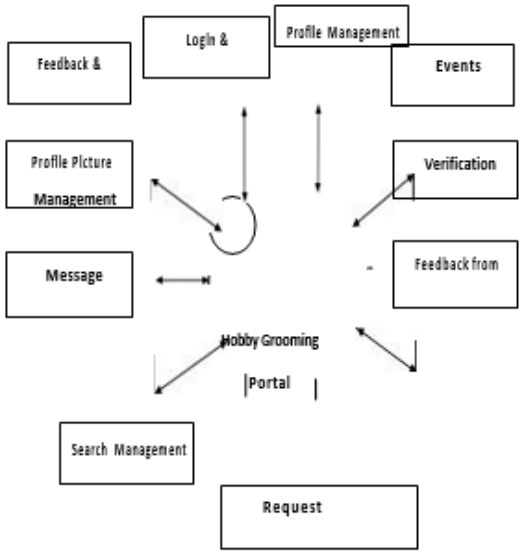
Search Management: To find person as per requirement; searching can be done in an efficient and easy way.

Administration: Admin can view the details of any type of users. Also, will be able to communicate them. Admin will verify trainers before activating their login. Trainer Management: Trainers will manage the details (Address, Teaching Hobby, Phone No, Online/Offline Classes).

Verification: All the trainers will be verified after their certificates are verified by admin of the portal.

Request Management: End user can send requests for various types of trainers and can see the response to get number of trainers.

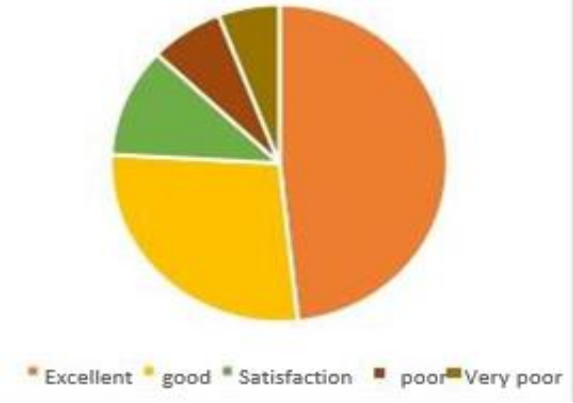
DATA FLOW DIAGRAM



LITERATURE REVIEW

Due to digital INDIA, we have to connect every-field with the digital India, we have to provide an online platform in field of finding a trainers. It will provide the searching facilities based on various factors such as trainers.

Different trainers who provide such facilities can also be the part of web portal. It will provide a better user experience with responsive design, It's a lot easier and cheaper to make a web based system user friendly across multiple platforms and various screen size.



The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data.

It also restrict unauthorized access because while trainer is registering they need to provide certificate which later on admin will verify then only trainer can login into this portal. This by this all it provide it is user friendly.

This is basically a Web portal where a user can search Trainers for any hobby very easily. On this portal different trainers who provides these kinds of services will get registered to post their details along with the certificate and user can see the details and can avail the services according to his/ her needs.

RESEARCH METHODOLOGY

Survey Instrument: In approaching the task of evaluating patient safety indicators based on administrative data, we developed a conceptual framework and standardized definitions of commonly used terms. In the literature, the distinctions between medical error, adverse events, complications of care, and other terms pertinent to patient safety are not well established and are often used interchangeably. In this report, the terms medical error, adverse events or complications, and similar concepts are defined as follows:

RESULTS AND DISCUSSION

The IT system has revolutionized the field of medicine. In this fast-paced world of medicine, it is a daunting task to manage a multi-specialty hospital. A hospital management system (HMS) is a computer or web-based system that facilitates managing the functioning of the hospital or any medical set up

CONCLUSION

Well-tuned hospital management system involves lots of important decisions that should be made in the most efficient and quick way. Nowadays it is hard to implement it without the distinct hospital management system. In this article, we'll explore what is HMS software, what functions it performs and how it helps the healthcare industry be more effective and patient centric.

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