Hospital Management System

YouTube link: https://youtu.be/SwE4mxQxhEI

GitHub Link: https://github.com/rid17pawar/HospitalManagement.git

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Existing System Issues

-paper based

-inappropriate data keeping

-time wastage in storage, retrieval

-patients were unable to understand the prescription

Features of Proposed System

-Separate user account for doctors and other staff.

-Keeps each patient's data separate, easy to track

-Easy user interface

-PDF of doctor prescription

System Needs

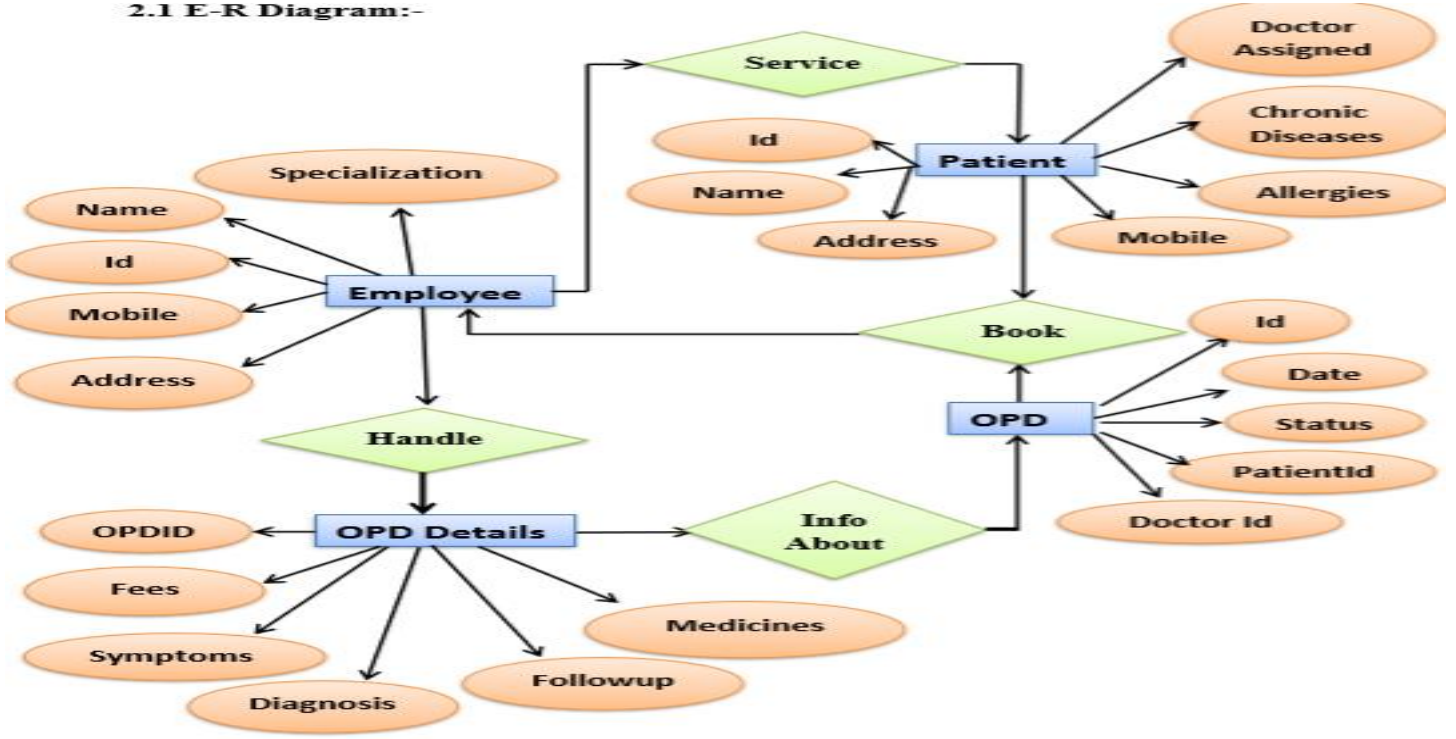
- To keep track of hospitals day-to-day activities & records of its patients, doctors that keep the hospital running smoothly & successfully there is need of Hospital management System.
- To digitalize all the version of the manual system.
- To provide a paper-less hospital up to 90%, i.e. To provide low-cost reliable digitalization of the existing systems
- To digitalize, the process of day-to-day activities like Registering New Patient, Assigning a Doctor to new patient, Adding new staff members, and finally compute the bill etc.
- To provide excellent security of data at every level of user-system interaction and also to provide robust & reliable storage facility.

Technologies Used

Software Requirement Specifications

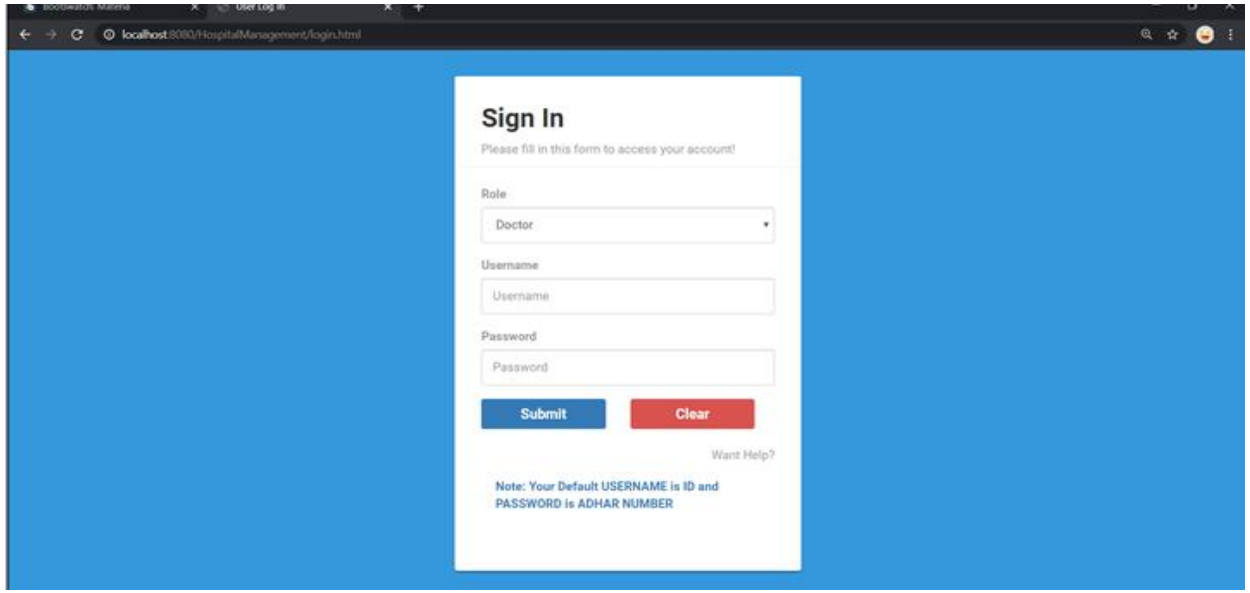
Content	Description
Processors	i3,i5,i7
Hard Drive	1GB(minimum) , 2GB(Recommended)
RAM	512MB(minimum), 1GB(Recommended)
Operating System	Windows 10,Windows 7,Windows 8

ER Diagram


2.1 E-R Diagram:-
Service
Doctor Assigned
Chronic Diseases
Allergies
Mobile
Id
Name
Address
Patient
Specialization
Name
Id
Mobile
Address
Employee
Book
Id
Date
Status
PatientId
Doctor Id
OPD
Handle
OPDID
OPD Details
Info About
Fees
Symptoms
Diagnosis
Medicines
Followup

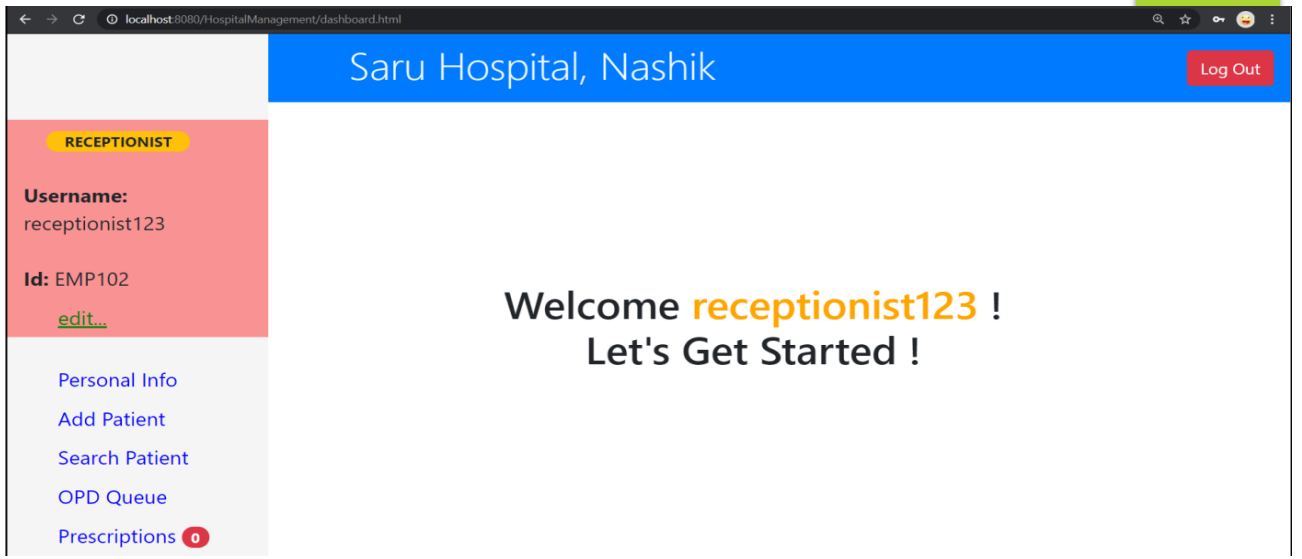
Project Screenshots

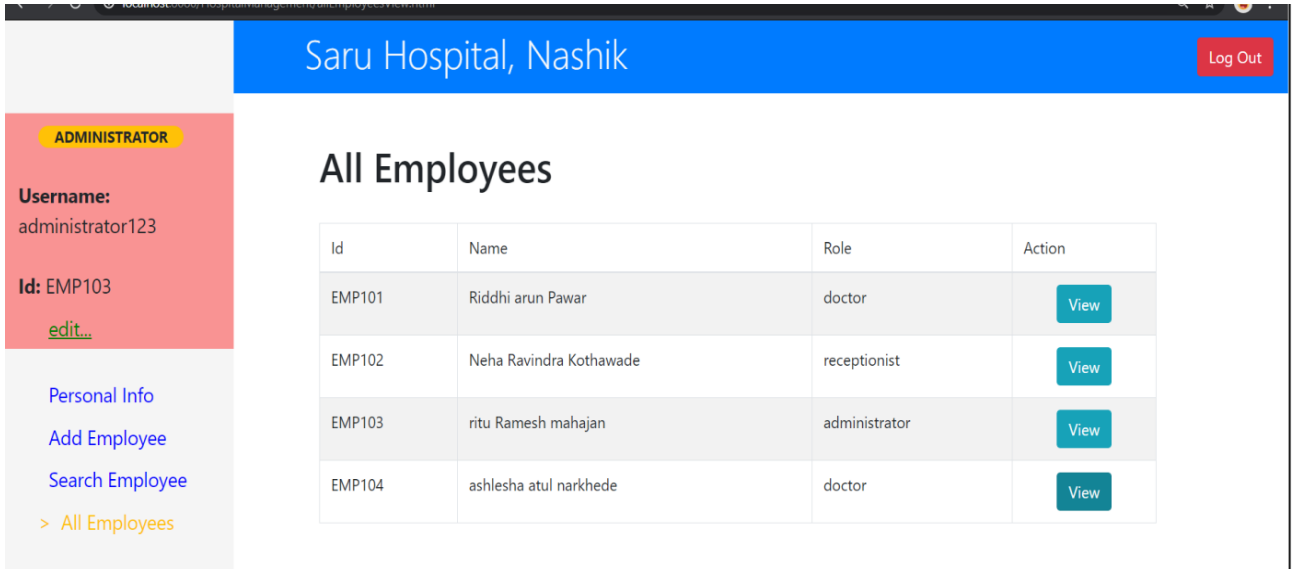
- **Home Page**



- **Login Page**

- **Receptionist Dashboard:-**





- **Admin Dashboard:-**

Advantages and Disadvantages

Advantages:

- Makes prescription readable and understandable to patients.
- Eliminate redundancy in term of data storage.
- Reduce the time wasted in retrieving data i.e. in finding a past health records.
- Increase Efficiency and Interactivity in any area of specialization in the hospital.
- Able to quickly collect and edit data ,summerize results.

Disadvantages:

- Patients don't have any role.
- No Live Queue feature.

Conclusion

- This project helps in making paperless activities. It reduces the workload from Doctor and Receptionist.
- It provides more ease and flexibility to from Doctor, Administrator and Receptionist.
- This digitalization has reduce costs of Hospital.
- This work has created a little awareness and promotes the idea that the concept of paperless office is reality.

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Thank You !

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