

HOSPITAL MANAGEMENT SYSTEM

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1.SRS DOCUMENT

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INTRODUCTION

Hospital Management System (H.M.S)

For managing the working and day to day management of Hospital activities.

It helps to connect the different department in hospital with each other with single unit and ease the process for customer. H.M.S will also be very effective for maintaining the records of the patients visiting the hospital. It will collect the data for management team which is very useful for the analysis of the business done by the Hospital. H.M.S aims to reduce the usage of paper for customer/patient by providing a single window platform.

It will give a platform to customer/patient to manage their ongoing process and also very effective in managing the department of Hospital.

SCOPE

The aim of this project is to make accessibility to the hospital easier for the patient.

No need to keep the previous medical records in paper form and avoid chances of losing the same since data will be stored digitally.

SOFTWARE REQUIREMENTS:

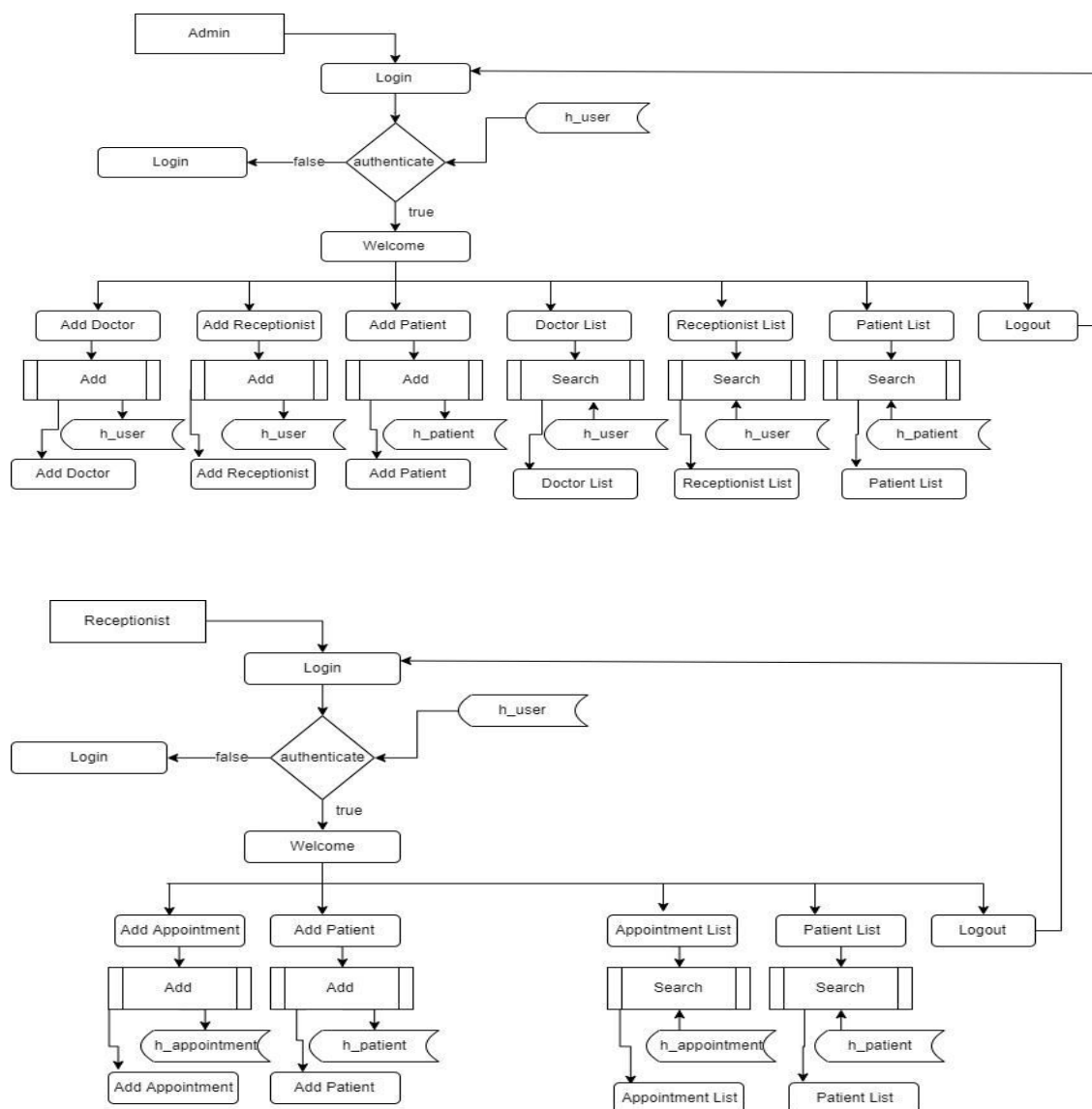
Web Technology : JSP, Spring MVC, CSS

Language : Java, Spring MVC, Hibernate

Database : MySQL Workbench

Web Server : Apache tomcat

Operating System : WINDOWS



2. Table Structure

User table:

Field	Type	Null	Key	Default
ID	bigint	NO	PRI	NULL
CREATED_BY	varchar(50)	YES		NULL
CREATED_DATETIME	datetime	YES		NULL
MODIFIED_BY	varchar(50)	YES		NULL
MODIFIED_DATETIME	datetime	YES		NULL
Aadhaar	varchar(225)	YES		NULL
qualification	varchar(225)	YES		NULL
address	varchar(225)	YES		NULL
AGE	varchar(10)	YES		NULL
Blood_Group	varchar(225)	YES		NULL
city	varchar(225)	YES		NULL
DOB	date	YES		NULL
NULL_email_id	varchar(225)	YES		NULL
FIRST_NAME	varchar(50)	YES		NULL
GENDER	varchar(10)	YES		NULL
joining_Date	datetime	YES		NULL
LAST_NAME	varchar(50)	YES		NULL
marital_Status	varchar(225)	YES		NULL
PASSWORD	varchar(50)	YES		NULL
PHONE_NO	varchar(15)	YES		NULL
ROLE_ID	bigint	YES		NULL
spcialization	varchar(225)	YES		NULL
USER_NAME	varchar(50)	YES		NULL

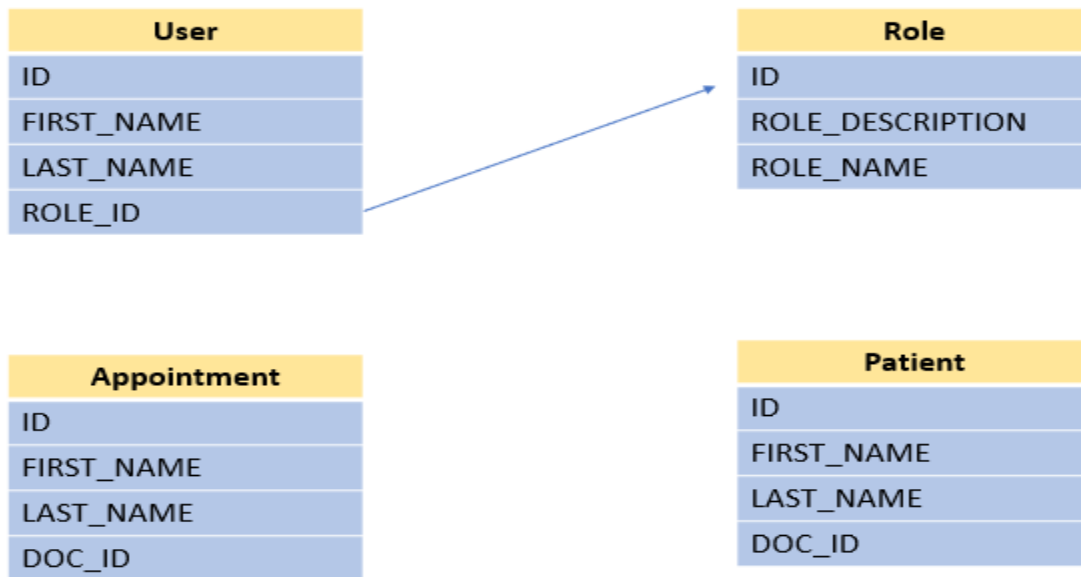
Patient table:

Field	Type	Null	Key	Default
ID	bigint	NO	PRI	NULL
CREATED_BY	varchar(50)	YES		NULL

CREATED_DATETIME	datetime	YES		NULL
MODIFIED_BY	varchar(50)	YES		NULL
MODIFIED_DATETIME	datetime	YES		NULL
Aadhaar	varchar(225)	YES		NULL
address	varchar(225)	YES		NULL
age	varchar(50)	YES		NULL
city	varchar(225)	YES		NULL
DOB	date	YES		NULL
FIRST_NAME	varchar(50)	YES		NULL
gender	varchar(50)	YES		NULL
LAST_NAME	varchar(50)	YES		NULL
PHONE_NO	varchar(50)	YES		NULL
email_id	varchar(225)	YES		NULL

Appointment table:

Field	Type	Null	Key	Default
ID	bigint	NO	PRI	NULL
CREATED_BY	varchar(50)	YES		NULL
CREATED_DATETIME	datetime	YES		NULL
MODIFIED_BY	varchar(50)	YES		NULL
MODIFIED_DATETIME	datetime	YES		NULL
Aadhaar	varchar(225)	YES		NULL
APP_DATE	datetime	YES		NULL
DOCTOR_NAME	varchar(225)	YES		NULL
FIRST_NAME	varchar(225)	YES		NULL
LAST_NAME	varchar(225)	YES		NULL
PHONE_NO	varchar(225)	YES		NULL
APP_TIME	varchar(225)	YES		NULL
DOC_ID	bigint	YES		NULL



3. Screenshots

Login page:

Hospital Management System

[HOME](#)
[SIGN IN](#)

Login

User Name

Password

SIGN IN

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Admin page to register doctor:

Hospital Management System

HOME DOCTOR RECEPTIONIST PATIENT APPOINTMENT WELCOME NIRAJ

Mobile No

Date Of Birth

Aadhaar Card Number

Specialization

Gender
Select
City

Qualification
Select
Address

REGISTER DOCTOR
DOCTOR LIST

Admin profile options:

Hospital Management System

HOME DOCTOR RECEPTIONIST PATIENT APPOINTMENT WELCOME NIRAJ

My Profile
First Name
Niraj
Last Name
Marshallny
User Name
Admin123
Date Of Birth
12/18/2019
Mobile No
8695865544
Gender
Male

MY PROFILE
CHANGE PASSWORD
LOGOUT

Patient list:

Hospital Management System

HOME PATIENT LIST APPOINTMENT LIST WELCOME MARTIN

Patient List

Last Name

City

First Name	Last Name	Email Address	Mobile No	City	Address
Lamar	Vaughan	kyhacoh@mailinator.com	9568456845	Dolore	Iste labore voluptat
Ashutosh	Harmalkar	harmalkarashutosh@gmail.com	9764594945	Mapusa	weftwegtfwere
Manish	Sharma	manish@gmail.com	9764594945	Mapusa	Pune
n iraj	Marshallny	mar@gmail.com	9764594945	Mapusa	q235

Appointment list:

Appointment List

Last Name

Date

SEARCH

RESET

☐ Select All

First Name

Last Name

Mobile No

Doctor Name

Appointment Date

Appointment Time

Manish

Sharma

9764594945

Dhiraj Redkar

02/03/2021

09:30 am

PREVIOUS

NEXT

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4. References/ Bibliography

- Core and Advanced Java, Black Book, Recommended by CDAC, Revised and Upgraded.
- MySQL 5th Edition by Paul DuBois

5. Future Scope of Improvement

- We can add functionalities like sending a project report to the patient through a mail.
- The billing of the total cost can be done online and a payment gateway can be provided to the patient.

6. Project Closure Report

The package was designed in such a way that future modifications can be done easily. The following conclusion can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions

