

Hospital Management System

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Introduction

An HMS (Hospital Management System) Web Application based on given requirements using Php, Html, CSS, Java script, MySQL.

Features of the Project

Administrator

- Administrator's Dashboard
- Doctor Management
- Appointment Management
- Patient Management
- Query Management
- User's CRUD
- Appointment History
- Contact Queries
- Doctor Session Logs
- Patient Session Logs
- Reports
- Patient Search
- Admin Profile
- Change Password

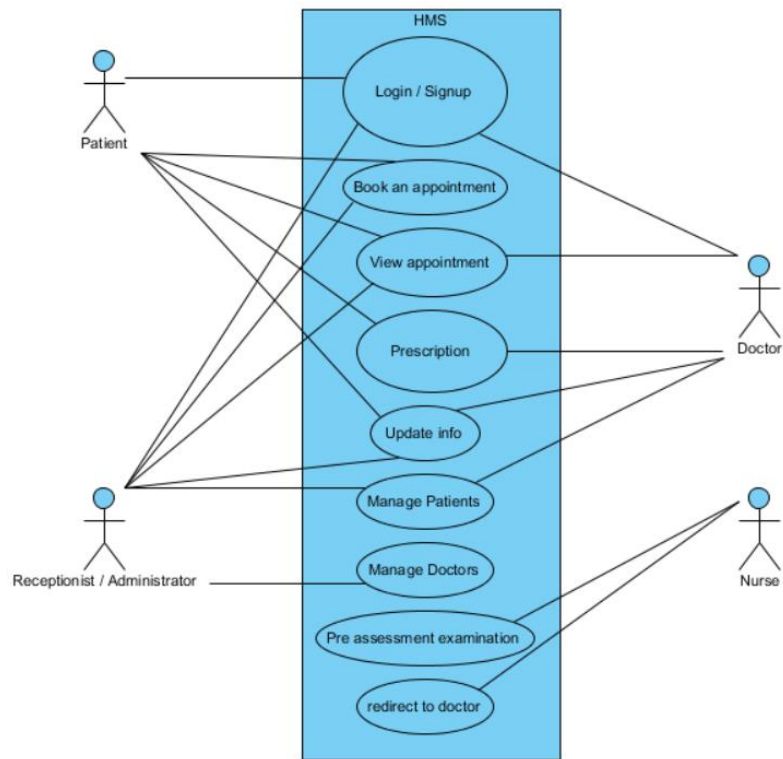
Doctor

- Dashboard
- Update Profile
- Appointments
- Appointment History
- Assigned Patients
- Search
- Write Prescription

Patient

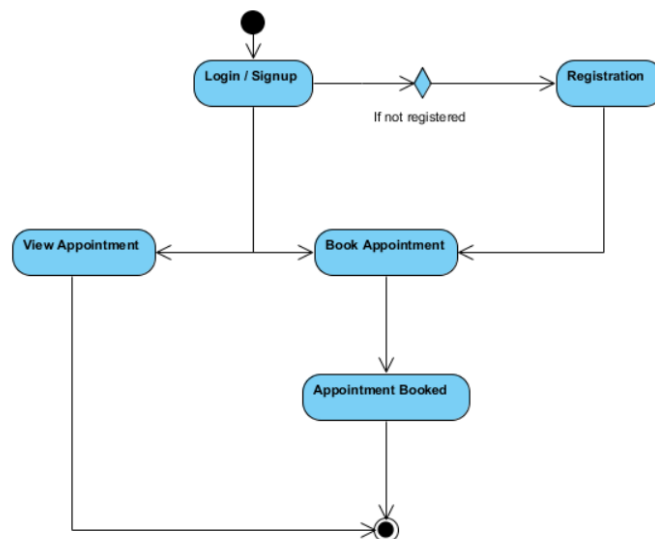
- Dashboard
- Book Appointments
- Appointment History
- Medical History
- Update Profile

Actors and use-case diagram for HMS case study

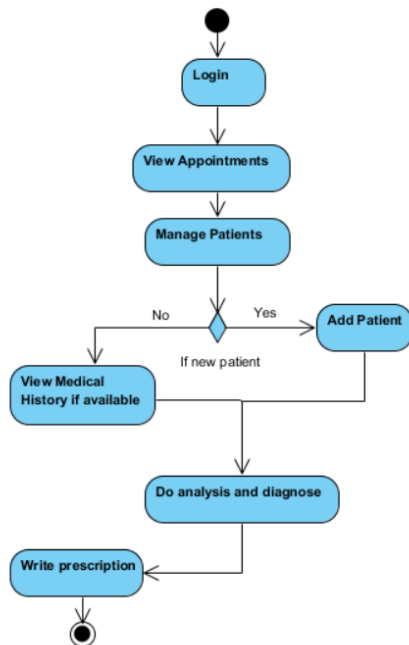


Activity Diagram

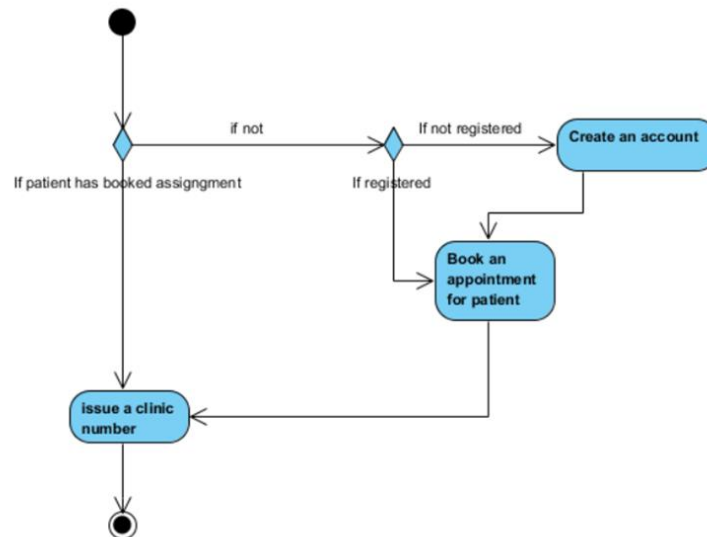
Patient logging in and booking an appointment:



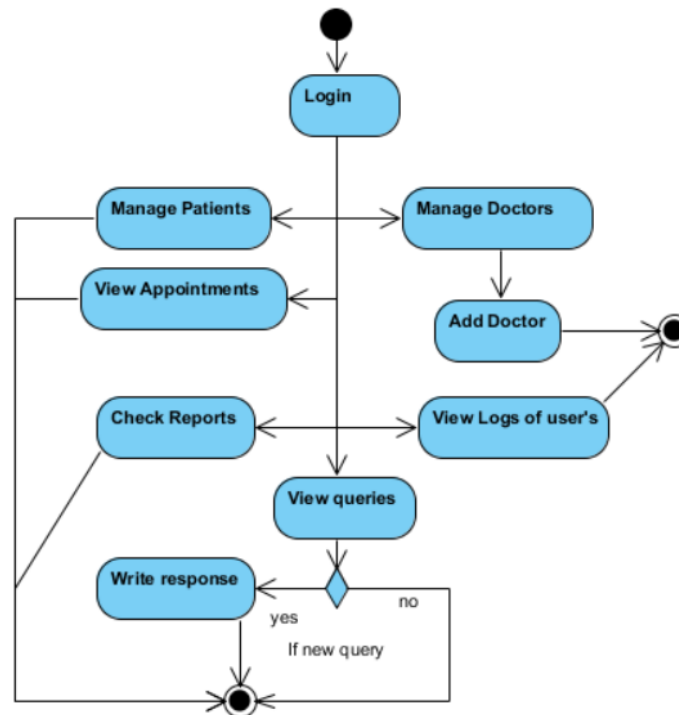
Analyzing and writing prescription by doctor:



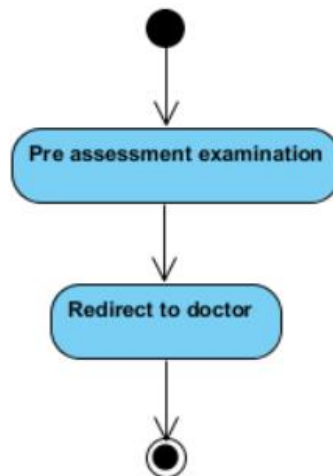
Receptionist managing patients:



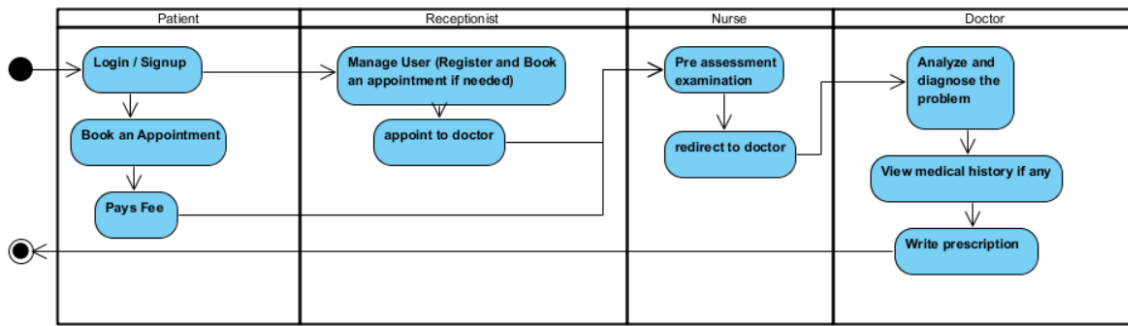
Administrator:



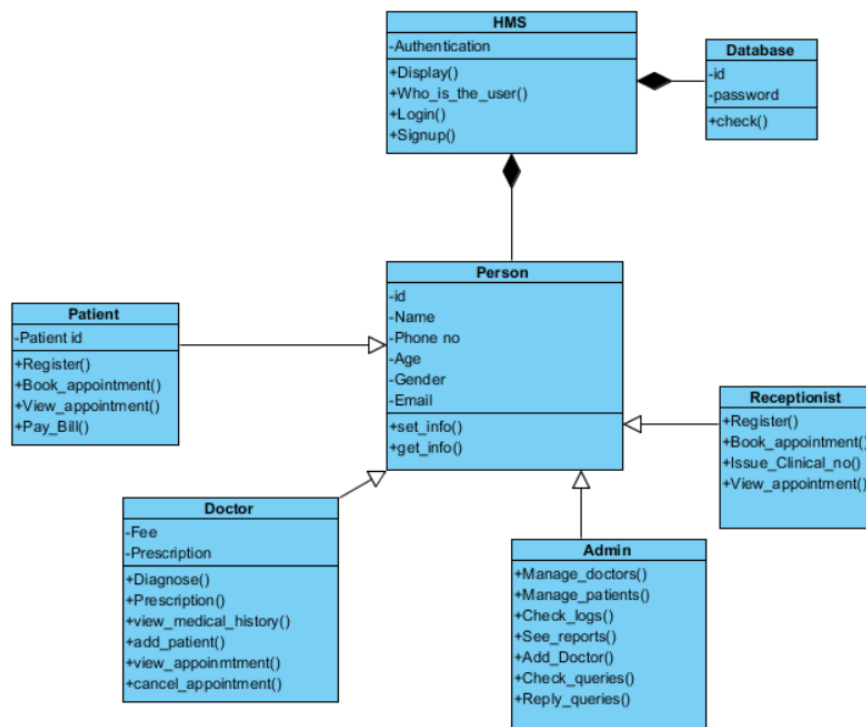
Nurse pre assessment:



Swimlane Diagram



Class Diagram



HMS system

Home Page:



Contact us:

The screenshot shows the contact page of the HMS system. The header is identical to the home page, with "Hospital Management system" and "HOME" and "CONTACT" buttons. The main content area is divided into two columns. The left column is titled "Hospital Address :" and contains the following text: "Sialkot Medical Complex, 45/98-23 Sialkot Cantt, Pakistan", "Phone: (+92) 222 666 444", "Fax: (000) 000 00 00 0", and "Email: info@medical.com". The right column is titled "Contact Us" and contains a form with four input fields: "NAME", "E-MAIL", "MOBILE.NO", and "Description". Below the "Description" field is a blue "SUBMIT" button.

Patient login:

HMS | Patient Login

Sign in to your account

Please enter your email and password to log in.

Email

Password

[Forgot Password ?](#)

[Login](#)

Don't have an account yet? [Create an account](#)

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Create Account:

HMS | Patient Registration

Sign Up

Enter your personal details below:

Full Name

Address

City

Gender

☐ Female ☐ Male

Enter your account details below:

Email

Password

Password Again

☐ I agree

[Already have an account? Log-in](#)

[Submit](#)

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Patient Dashboard:

HMS

MAIN NAVIGATION

Dashboard

Book Appointment

Appointment History

Medical History

Hospital Management System

User / Dashboard

USER | DASHBOARD

My Profile

Update Profile

My Appointments

View Appointment History

Book My Appointment

Book Appointment

HMS

MAIN NAVIGATION

Dashboard

Book Appointment

Appointment History

Medical History

Hospital Management System

User / Book-Appointment

USER | BOOK APPOINTMENT

Book Appointment

Doctor Specialization

Select Specialization

Doctors

Select Doctor

Consultancy Fees

Date

Time

11:30 PM

eg: 10:00 PM

Submit

HMS

MAIN NAVIGATION

Dashboard

Book Appointment

Appointment History

Medical History

Hospital Management System

User / Appointment History

USER | APPOINTMENT HISTORY

#	Doctor Name	Specialization	Consultancy Fee	Appointment Date / Time	Appointment Creation Date	Current Status
1.	aleena	Nutritionist	2000	2021-12-14 / 12:15 AM	2021-12-15 00:12:31	Cancel by Doctor
2.	aleena	Nutritionist	2000	2021-12-15 / 12:24 AM	2021-12-15 00:23:03	Active

Style Selector

Fixed header

Fixed sidebar

Closed sidebar

Fixed footer

Doctor's Dashboard:

HMS

MAIN NAVIGATION

Dashboard

Appointment History

Patients

Search

Hospital Management System

User / Dashboard

DOCTOR | DASHBOARD

My Profile

Update Profile

My Appointments

View Appointment History

HMS

MAIN NAVIGATION

Dashboard

Appointment History

Patients

Search

Hospital Management System

Doctor / Appointment History

DOCTOR | APPOINTMENT HISTORY

#	Patient Name	Specialization	Consultancy Fee	Appointment Date / Time	Appointment Creation Date	Current Status	Action
1.	zaz	Nutritionist	2000	2021-12-14 / 12:15 AM	2021-12-15 00:12:31	Cancel by you	Cancelled
2.	zaz	Nutritionist	2000	2021-12-15 / 12:24 AM	2021-12-15 00:23:03	Active	Cancel

HMS

MAIN NAVIGATION

Dashboard

Appointment History

Patients

Search

Hospital Management System

Doctor / Manage Patients

DOCTOR | MANAGE PATIENTS

Manage Patients

#	Patient Name	Patient Contact Number	Patient Gender	Creation Date	Update Date	Action
1.	zaz	8645168151	male	2021-12-15 00:16:34		Edit Delete

HMS

MAIN NAVIGATION

Dashboard

Appointment History

Patients

Search

Hospital Management System

Doctor / Manage Patients

DOCTOR | MANAGE PATIENTS

Manage Patients

Patient Details

Patient Name	zaz	Patient Email	zaz@gmail.com
Patient Mobile Number	8645168151	Patient Address	Saikat
Patient Gender	male	Patient Age	20
Patient Medical History(if any)	None	Patient Reg Date	2021-12-15 00:16:34

Medical History

#	Blood Pressure	Weight	Blood Sugar	Body Temperature	Medical Prescription	Visit Date
1	normal	71	good	normal	take this diet for better health, otherwise u are fit	2021-12-15 00:18:50

Add Medical History

Admin Dashboard:

HMS

MAIN NAVIGATION

Dashboard

Doctors

Users

Patients

Appointment History

Contactus Queries

Doctor Session Logs

User Session Logs

Reports

Patient Search

Hospital Management System

Admin

ADMIN | DASHBOARD

Admin / Dashboard

Manage Users

Total Users :2

Manage Doctors

Total Doctors :2

Appointments

Total Appointments :3

Manage Patients

Total Patients :1

New Queries

Total New Queries :0

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HMS

MAIN NAVIGATION

Dashboard

Doctors

Users

Patients

Appointment History

Contactus Queries

Doctor Session Logs

User Session Logs

Reports

Patient Search

Hospital Management System

Admin

ADMIN | ADD DOCTOR SPECIALIZATION

Admin / Add Doctor Specialization

Doctor Specialization

Doctor Specialization

Enter Doctor Specialization

Submit

Manage Doctor Specialization

#	Specialization	Creation Date	Update Date	Action
1.	Psychiatrist	2021-12-14 23:02:19		/ x
2.	Neurologist	2021-12-14 23:02:19		/ x
3.	Gynecologist	2021-12-14 23:02:57		/ x
4.	Physiotherapist	2021-12-14 23:02:57		/ x
5.	General Practitioner	2021-12-14 23:04:52		/ x
6.	Nutritionist	2021-12-14 23:06:02		/ x

HMS

MAIN NAVIGATION

Dashboard

Doctors

Users

Patients

Appointment History

Contactus Queries

Doctor Session Logs

User Session Logs

Reports

Patient Search

Hospital Management System

Admin

PATIENTS | APPOINTMENT HISTORY

Patients / Appointment History

#	Doctor Name	Patient Name	Specialization	Consultancy Fee	Appointment Date / Time	Appointment Creation Date	Current Status	Action
1.	ali	test	Psychiatrist	1000	2021-12-23 / 11:15 PM	2021-12-14 23:11:41	Active	No Action yet
2.	aleena	zaz	Nutritionist	2000	2021-12-14 / 12:15 AM	2021-12-15 00:12:31	Cancel by Doctor	Canceled
3.	aleena	zaz	Nutritionist	2000	2021-12-15 / 12:24 AM	2021-12-15 00:23:03	Active	No Action yet

HMS

MAIN NAVIGATION

- Dashboard
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- Doctor Session Logs
- User Session Logs
- Reports
- Patient Search

Hospital Management System

Admin

ADMIN | MANAGE READ QUERIES

Admin / Read Queries

Manage Read Queries

#	Name	Email	Contact No.	Message	Action
1.	test	test@gmail.com	924856484149845	just testing your service	

HMS

MAIN NAVIGATION

- Dashboard
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- User Session Logs
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Hospital Management System

Admin

ADMIN | QUERY DETAILS

Admin / Query Details

Manage Query Details

Full Name	test
Email Id	test@gmail.com
Contact Number	924856484149845
Message	just testing your service
Admin Remark	oh okayy
Last Updation Date	2021-12-14 23:16:48

HMS

MAIN NAVIGATION

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- Contactus Queries
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- User Session Logs
- Reports
- Patient Search

Hospital Management System

Admin

ADMIN | DOCTOR SESSION LOGS

Admin / Doctor Session Logs

#	User Id	Username	User IP	Login time	Logout Time	Status
1.		ali	:1	2021-12-14 23:08:29		Failed
2.		ali	:1	2021-12-14 23:08:36		Failed
3.	12	ali@gmail.com	:1	2021-12-14 23:09:03	14-12-2021 11:40:07 PM	Success
4.		ali	:1	2021-12-14 23:56:03		Failed
5.	12	ali@gmail.com	:1	2021-12-14 23:56:13		Success
6.	13	aleena@gmail.com	:1	2021-12-15 00:13:17	15-12-2021 12:47:02 AM	Success
7.	13	aleena@gmail.com	:1	2021-12-15 00:17:16	15-12-2021 12:49:31 AM	Success
8.	13	aleena@gmail.com	:1	2021-12-15 00:21:19	15-12-2021 12:52:20 AM	Success
9.	13	aleena@gmail.com	:1	2021-12-15 00:23:28	27-12-2021 05:33:07 PM	Success
10.	13	aleena@gmail.com	:1	2021-12-27 17:07:38		Success
11.	13	aleena@gmail.com	:1	2021-12-27 20:15:10	27-12-2021 08:46:21 PM	Success
12.	13	aleena@gmail.com	:1	2021-12-27 21:04:49	27-12-2021 09:53:12 PM	Success
13.	13	aleena@gmail.com	:1	2021-12-27 23:32:25	28-12-2021 12:07:04 AM	Success

HMS

MAIN NAVIGATION

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- User Session Logs
- Reports
- Patient Search

Hospital Management System

Admin

BETWEEN DATES | REPORTS

Between Dates / Reports

Between Dates Reports

From Date:
12/14/2021

To Date:
12/15/2021

Submit

HMS

MAIN NAVIGATION

- Dashboard
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- Contactus Queries
- Doctor Session Logs
- User Session Logs
- Reports
- Patient Search

Hospital Management System

Admin

ADMIN | VIEW PATIENTS

Admin / View Patients

Between dates reports

Report from 2021-12-14 to 2021-12-15

#	Patient Name	Patient Contact Number	Patient Gender	Creation Date	Updation Date	Action
1.	zaz	8645168151	male	2021-12-15 00:16:34		

HMS

MAIN NAVIGATION

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- User Session Logs
- Reports
- Patient Search

Hospital Management System

Doctor

DOCTOR | MANAGE PATIENTS

Doctor / Manage Patients

Manage Patients

Patient Details

Patient Name	zaz	Patient Email	zaz@gmail.com
Patient Mobile Number	8645168151	Patient Address	Sialkot
Patient Gender	male	Patient Age	20
Patient Medical History(if any)	None	Patient Reg Date	2021-12-15 00:16:34

Medical History

#	Blood Pressure	Weight	Blood Sugar	Body Temperature	Medical Prescription	Visit Date
1	normal	71	good	normal	take this diet for better health, otherwise u are fit	2021-12-15 00:16:50