

Online Hospital Management System

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Abstract

□ Abstract

- Hospital Management System provides the benefits of streamlined operations, enhanced administration & control, patient care, cost control and improved profit-wise. HMS is powerful, flexible, and easy to use and is designed and developed to deliver far more benefits to hospitals. Also, it is backed by reliable and dependable support. The project 'Hospital Management System' is based on the database, object oriented and PHP techniques. As there are many areas where we keep the records in database for which we are using MY SQL software which is one of the best and the easiest software to keep our information. This project uses PHP as the front-end software which is an Object-Oriented Programming and has connectivity with MY SQL

Introduction

□ Introduction

➤ Importance/Need of App

- Hospital Management System is custom built to meet the specific requirement of the mid and large size hospitals across the globe. All the required modules and features have been built to just fit in to one's requirement. This model can be widely accepted and also it is highly satisfying and appreciating. Entire application is web based and will be built using latest technologies. The sound database of the application makes it more users friendly and expandable. It is customizable and can be modified as per the needs and requirements.

Module Description

- The entire project of ours mainly comprises of 3 modules, which are:
- Admin
- Patient
- Doctor

Admin

- 1. Dashboard: In this segment, administrator can see the Patients, Doctors, Appointments and New questions.
- 2. Doctors: In this area, administrator can include doctors specialization and manage specialists (Add/Update).
- 3. Users: In this area, administrator can see clients detail(who take online arrangement) and furthermore have option to erase unessential client.
- 4. Patients: In this area, administrator can see patient's subtleties.
-

Admin

- 5. Appointment History: In this area, administrator can see arrangement history.
- 6. Contact us Queries: In this area, administrator can see questions which are send by clients.
- 7. Doctor Session Logs: In this area, administrator can see login and logout season of specialist.
- 8. User Session Logs: In this area, administrator can see login and logout season of client.
- 9. Reports: In this segment, administrator can see reports of patients specifically periods.

Patient

1. Dashboard: In this segment, patients can see the his/her profile, Appointments and Book Appointment.
2. Book Appointment: In this segment, Patient can book his/her arrangement.
3. Appointment History: In this segment, Patients can see his/her own arrangement history.
4. Medical History: In this segment, Patients can see his/her own medical history.

Doctor

1. Dashboard: In this area, specialist can see his/her own profile and online arrangements.
2. Appointment History: In this area, Doctor can see patient's arrangement history.
3. Patients: In this segment, specialist can oversee patients (Add/Update).
4. Search: In this segment, specialist can look through patient with the assistance of patient name and portable number.

FrontEnd/BackEnd

- HTML
- CSS
- JAVASCRIPT
- PHP
- BOOTSTRAP
- AJAX
- JQUERY
- PHP
- MYSQL

Software Requirements

- XAMPP Server, Google Chrome/Mozilla Firefox/Opera web browser, Windows 10/Linux/Mac Operating System.

Additional Features

- Due to the ongoing coronavirus pandemic we have added multiple new features to the system. On the homepage of the website itself there is a tab named Covid-19. On clicking that tab, a page describing the symptoms of Covid-19 pops up. If the user has these symptoms, he/she can reserve a bed in the isolation/quarantine ward of the hospital where he/she will be examined and tested. This will reduce the risk of the virus spreading. The beds are in limited quantity and will only be allocated if available.

Additional Features

- All passwords of the admin, doctors and patients stored in the database are encrypted using MD5 hashing algorithm.

ScreenShots





Patients

Register & Book Appointment

Click Here



Doctors Login

Click Here



Admin Login

Click Here

HMS | Patient Registration

Sign Up

Enter your personal details below:

Gender

☐ Female ☐ Male

Enter your account details below:

☒ I agree

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

ADMIN | DASHBOARD

Admin / Dashboard



Manage Users

Total Users :7



Manage Doctors

Total Doctors :2



Appointments

Total Appointments :3



Manage Patients

Total Patients :6







New Queries

Total New Queries :1

HMS

☰

MAIN NAVIGATION

-  Dashboard
-  Book Appointment
-  Appointment History
-  Medical History

USER | DASHBOARD



My Profile

Update Profile



My Appointments

View Appointment History







Book My Appointment

Book Appointment




MAIN NAVIGATION

-  Dashboard
-  Appointment History
-  Patients <
-  Search

User / Dashboard


DOCTOR | DASHBOARD





My Profile

Update Profile



My Appointments

View Appointment History



localhost / 127.0.0.1 / hms / appc

← → ↺ ⓘ localhost/phpmyadmin/sql.php?server=1&db=hms&table=appointment&pos=0

☆ G ABP ⚙️ 🎵 R ⋮

phpMyAdmin

Recent Favorites

New

carrental

hms

- New
- admin
- appointment
- doctors
- doctorslog
- doctorspecilization
- tblcontactus
- tblmedicalhistory
- tblpatient
- userlog
- users

information_schema

login_page_db

mysql

online_car_rental

performance_schema

phpmyadmin

test

Server: 127.0.0.1 » Database: hms » Table: appointment

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

More

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

SELECT * FROM `appointment`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

				id	doctorSpecialization	doctorId	userId	consultancyFees	appointmentDate	appointmentTime	postingDate
<input type="checkbox"/>	Edit	Copy	Delete	6	General Physician	3	2	1200	2020-08-15	10:30 AM	2020-08-18 10:20:16
<input type="checkbox"/>	Edit	Copy	Delete	7	General Physician	10	13	1000	2020-09-26	11:30 AM	2020-09-21 11:22:10
<input type="checkbox"/>	Edit	Copy	Delete	8	General Physician	10	14	1000	2020-09-30	5:15 PM	2020-09-24 17:18:17

☐ Check all

With selected: Edit Copy Delete Export

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

Bookmark this SQL query

Console

localhost / 127.0.0.1 / hms / tblpatient

localhost/phpmyadmin/sql.php?server=1&db=hms&table=tblpatient&pos=0

phpMyAdmin

Recent Favorites

New

currental

hms

New

admin

appointment

doctors

doctorslog

doctorspecilization

tblcontactus

tblmedicalhistory

tblpatient

userlog

users

information_schema

login_page_db

mysql

online_car_rental

performance_schema

phpmyadmin

test

Server: 127.0.0.1 » Database: hms » Table: tblpatient

Browse

Structure

SQL

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Operations

More

☐ Profiling

[Edit inline]

[Edit]

[Explain SQL]

[Create PHP code]

[Refresh]

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

				ID	Docid	PatientName	PatientContno	PatientEmail	PatientGender	PatientAdd	PatientAge	PatientMedhis
<input type="checkbox"/>				1	1	Manisha Jha	4558968789	test@gmail.com	Female	""J&K Block J-127, Laxmi Nagar New Delhi	26	She is diabetic patient
<input type="checkbox"/>				2	5	Raghu Yadav	9797977979	raghu@gmail.com	Male	ABC Apartment Mayur Vihar Ph-1 New Delhi	39	No
<input type="checkbox"/>				3	7	Mansi	9878978798	jk@gmail.com	Female	"fdghyj	46	No
<input type="checkbox"/>				4	7	Manav Sharma	9888988989	sharma@gmail.com	Male	L-56,Ashok Nagar New Delhi-110096	45	He is long suffered by asthma
<input type="checkbox"/>				5	9	John	1234567890	john@test.com	male	Test	25	THis is sample text for testing.
<input type="checkbox"/>				6	10	rahul	3456787654	rohit@gmail.com	male	Vellore	23	Diabetic

☐ Check all

With selected:

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Console

Admin | Dashboard

localhost / 127.0.0.1 / hms / corona

localhost/phpmyadmin/sql.php?server=1&db=hms&table=corona&pos=0

phpMyAdmin

Recent Favorites

New

carrental

hms

New

admin

appointment

corona

doctors

doctorslog

doctorspecilization

tblcontactus

tblmedicalhistory

tblpatient

userlog

users

information_schema

login_page_db

mysql

online_car_rental

performance_schema

phpmyadmin

test

Server: 127.0.0.1 » Database: hms » Table: corona

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

More

Showing rows 0 - 11 (12 total, Query took 0.0009 seconds.)

SELECT * FROM `corona`

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

id

name

email

gender

BloodGroup

<input type="checkbox"/>	Edit	Copy	Delete	1	Rohan	rohanallen188@gmail.com	male	A+
<input type="checkbox"/>	Edit	Copy	Delete	2	Rohan	rohanallen188@gmail.com	male	A+
<input type="checkbox"/>	Edit	Copy	Delete	3	Rahul	test21@gmail.com	female	B-
<input type="checkbox"/>	Edit	Copy	Delete	4	John	9843689966@hgfd.com	male	A-
<input type="checkbox"/>	Edit	Copy	Delete	5	Rohit Allen	test27@gmail.com	male	O+
<input type="checkbox"/>	Edit	Copy	Delete	6	Jey	test28@gmail.com	male	AB-
<input type="checkbox"/>	Edit	Copy	Delete	7	vyshnav	test68@gmail.com	male	O-
<input type="checkbox"/>	Edit	Copy	Delete	8	Rohan Allen	test21@gmail.com	male	O-
<input type="checkbox"/>	Edit	Copy	Delete	9	Rahul	ty@gmail.com	male	O-
<input type="checkbox"/>	Edit	Copy	Delete	10	Rahul	test21@gmail.com	male	A+
<input type="checkbox"/>	Edit	Copy	Delete	11	Rahul	rohanallen188@gmail.com	male	AB-
<input type="checkbox"/>	Edit	Copy	Delete	12	Rahul	test21@gmail.com	male	A+

Check all

With selected:

Edit

Copy

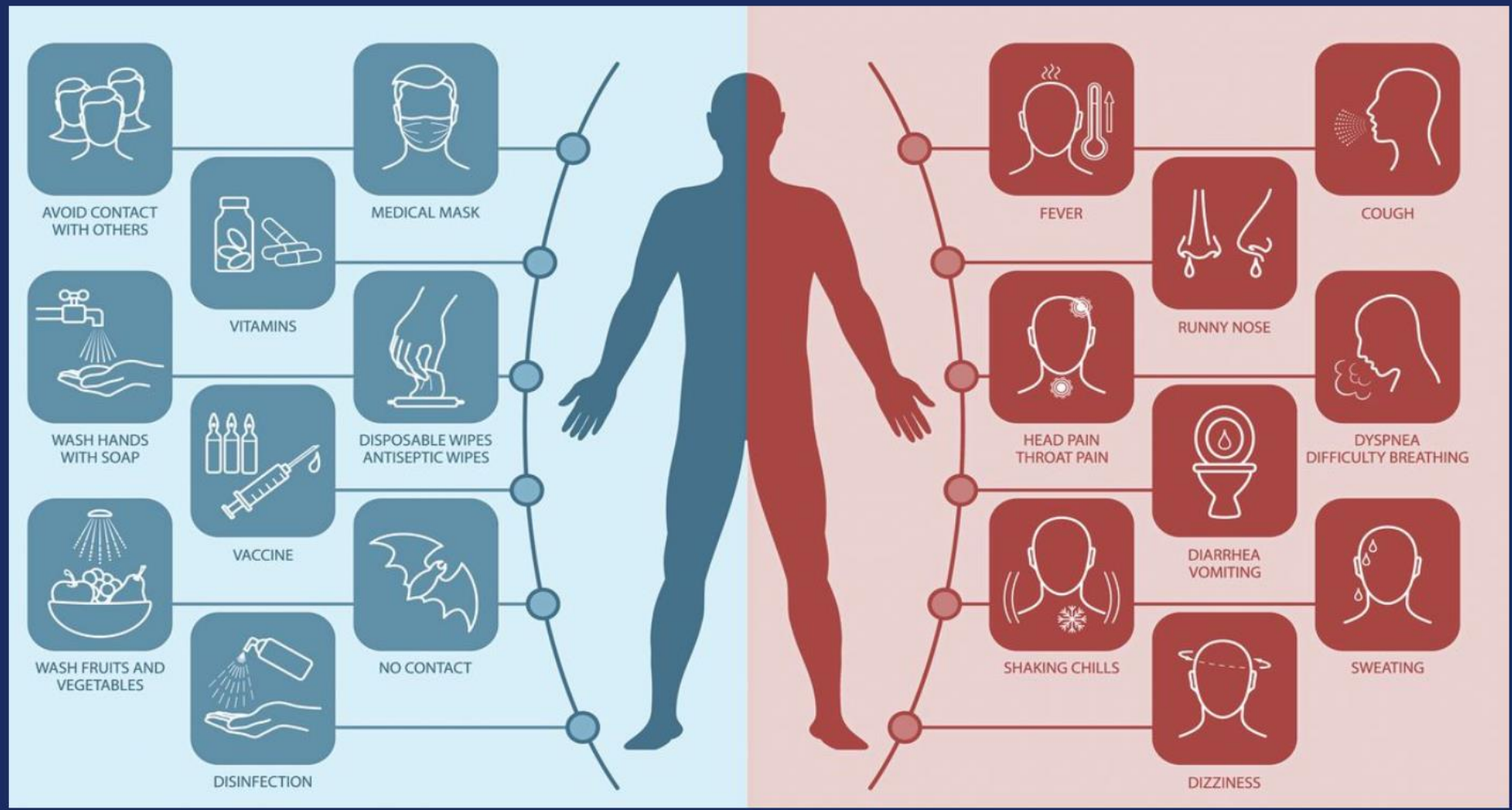
Delete

Export

Console

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Coronavirus Symptoms



[Reserve Room](#)

Registration Form

Full Name:

Email:

Gender:

☒ Male ☐ Female

Blood Type:

☒ A+ ☐ A- ☐ B+ ☐ B- ☐ O+ ☐ O- ☐ AB+ ☐ AB-

Register