

Hospital Management System

Vimon Ponnore-134
Vishnu Sudhakar-135
Vishnu Unikrishnan-136

Type of Users

- Admin (Receptionist)
- Patient
- Doctor
- Blood donour
- Blood Bank Admin

Admin view

Navigation - Codrops - Mozilla Firefox 10.20.100 10.20.100

Patient Details for doctors

Patient details

Patient Admission form

Blood Bank

Doctor info

[Log out](#)

Patient Admission form

FIRST NAME

(max 30 characters a-z and A-Z)

(max 30 characters a-z and A-Z)

LAST NAME

(max 30 characters a-z and A-Z)

(max 30 characters a-z and A-Z)

DATE OF BIRTH

dd / mm / yyyy

EMAIL ID

ANSWER

MOBILE NUMBER

(10 digit number)

(10 digit number)

GENDER

Male Female

Symptoms

Admin Can Take Patient Details for a Doctor

Search results - vimonpv X (5) WhatsApp Fixed Navigation - Codrops +

localhost/HMS/psearch.php

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Patient Details for doctors Patient details Patient Admission form Blood Bank

Doctor info Log out

Doctor Name Dr. Mrigendra Nath Gantait Department: -select-

search

Patient Deatils for Doctor

Patient ID	first_name	last_name	mobnum	gender	dep	dname	wno	symtoms	DOB
100	pipiri	v	9876543321	Male	Acupuncture	Dr. Mrigendra Nath Gantait	8	lazy	1997-10-30
123	jomon	v	9999888877	Male	Casualty/Emergency	Dr. Mrigendra Nath Gantait	3	head pain	2004-07-11

Fetched data successfully

Admin Can Take Departmentwise Patient Details.

Search results - vimonpv X (5) WhatsApp Fixed Navigation - Codrops +

localhost/HMS/psearch.php

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Patient Details for doctors Patient details Patient Admission form Blood Bank

Doctor info Log out

Doctor Name: Please Select Department: Acupuncture

search

Patient Deatils for Doctor

Patient ID	first_name	last_name	mobnum	gender	dep	dname	wno	symtoms	DOB
100	pipiri	v	9876543321	Male	Acupuncture	Dr. Mrigendra Nath Gantait	8	lazy	1997-10-30

Fetched data successfully

Admin Can Get Details of Patient By Searching First Name or Lastname

Search results - vimonpv X (5) WhatsApp Fixed Navigation - Codrops X +

localhost/HMS/padmin.php

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Patient Details for doctors Patient details Patient Admission form Blood Bank

Doctor info Log out

FIRST NAME LAST NAME

Patient Deatils for Doctor

Patient ID	first_name	last_name	mobnum	gender	dep	dname	wno	symtoms	DOB
123	jomon	v	9999888877	Male	Casualty/Emergency	Dr. Mrigendra Nath Gantait	3	head pain	2004-07-11

Fetched data successfully

Admin Can Enter Patient Details

localhost/HMS/pform.php

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Patient Admission form

FIRST NAME

(max 30 characters a-z and A-Z)

LAST NAME

(max 30 characters a-z and A-Z)

DATE OF BIRTH

EMAIL ID

MOBILE NUMBER

(10 digit number)

GENDER

Male Female

Symptoms

Department of admission

Doctor Name

ADDRESS

Admin Can Enter Patient Details.....

localhost/HMS/pform.php

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Department of admission -select- **Doctor Name** Please Select

ADDRESS

CITY (max 30 characters a-z and A-Z)

PIN CODE (6 digit number)

STATE (max 30 characters a-z and A-Z)

COUNTRY India

Occupation

Blood Group * -select- **Ward number *** -select-

Submit Reset

Admin Can take List of Blood Donours



Go Back **Log out**

Blood Group * AB-

Donated Blood Donours infomation

First Name	Blood Group	Gender	Phone Num	City	Weight	Height	Last date of donation
jithu	AB-	Male	1234567800		0	0	2018-11-19

Fetched data successfully

Admin Will Get Doctor Information

- By Doctor Name

The screenshot shows a web browser window with the URL `localhost/HMS/doctor.php`. The page has a header with three buttons: **Doctor Details**, **Doctor Leave Updation**, and **Log out**. Below the header, there are two dropdown menus: **Doctor Name** set to "Dr. Mrigendra Nath Gantait" and **Department:** set to "-select-". A search bar labeled "search" is also present. The main content area is titled **Doctor Details** and displays a table with the following data:

dname	degree	dep	phnum	Leave date	age	exp	mon	tues	wed	thurs	fri	sat	sun	rate
Dr. Mrigendra Nath Gantait	MBBS, P.G. Certificate in Acupuncture (China)	Acupuncture	2345687698	from:12/09/2018 to:14/09/2018	30	5	1 PM (104)		1 PM (113)		1 PM (113)			****

Fetched data successfully

Admin Will Get Department doctors information

localhost/HMS/doctor.php

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Doctor Details **Doctor Leave Updation** **Log out** Go Back

Doctor Name: Please Select **Department:** Cardiology

search

Doctor Details

dname	degree	dep	phnum	Leave date	age	exp	mon	tues	wed	thurs	fri	sat	sun	rate
Dr Sumanta Chatterjee	MBBS, MD (MED), DM (CARD)	Cardiology	9876543210	12/08/2018 13/08/2018	32	7	9 AM (116)	9 AM (116)	7 PM (116)					****

Fetched data successfully

Admin can Update Doctor Leave

localhost/HMS/dleave.php

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Doctor Details **Doctor Leave Updation** **Log out** Go Back

Doctor Name: Dr. Mrigendra Nath Gantait **Department:** Acupuncture

from:21/11/2018
to:24/11/2018

Leave Dates:

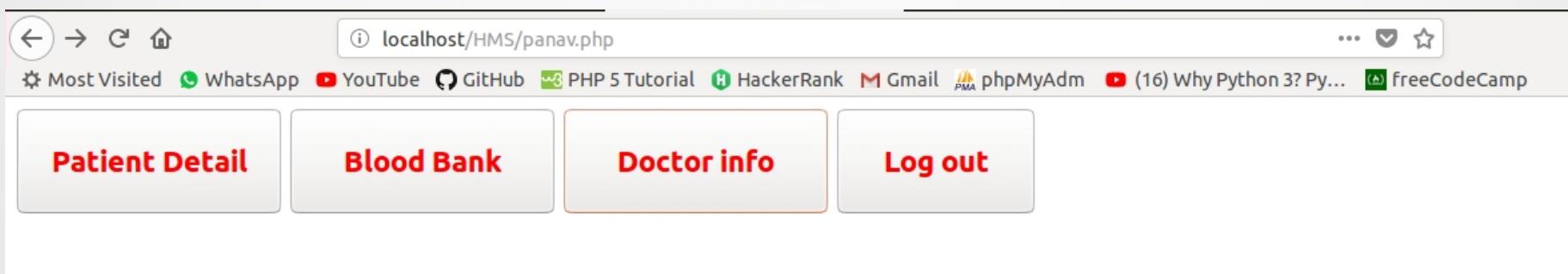
Doctor Details

dname	dep	phnum	Leave date
Dr. Mrigendra Nath Gantait	Acupuncture	2345687698	from:21/11/2018 to:24/11/2018

Fetched data successfully

Patient

- Patient Can Get Details via entering their Name
- Patient Can take Blood Donor Details
- Patient Can Also Get Details of All Doctors



Doctor

- Doctor Can Get details of other doctors
- Doctor can Update Leaves

Blood Donation form

- **Donour Should First Fill Blood Donation Form**



Blood Donation Form

FIRST NAME

(max 30 characters a-z and A-Z)

LAST NAME

(max 30 characters a-z and A-Z)

DATE OF BIRTH

EMAIL ID

MOBILE NUMBER

(10 digit number)

GENDER

Male Female

ADDRESS

CITY

Blood Donation form

ADDRESS

CITY

(max 30 characters a-z and A-Z)

PIN CODE

(6 digit number)

STATE

(max 30 characters a-z and A-Z)

COUNTRY
 India

Occupation

Blood Group *
 -select- ▾

Weight

Height

Date of last blood donation :
 dd / mm / yyyy

Blood Donation form.....

localhost/HMS/dinfo.php

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1 HEALTH ASSESSMENT

Please tick the appropriate answer to each question

1.1 Are you feeling well and in good health today ?

YES NO

1.2 in the last 4 hours, have you had a meal or snack?

YES NO

1.3 Have you already given blood in the last 3 Month?

YES NO

1.4 Have you got a chesty cough, sore throat or active cold sore?

YES NO

1.5 Are you pregnant or breastfeeding?

YES NO

1.6 Do you have or have you ever had:

a) Chest pains, heart disease/surgery or a stroke?

YES NO

b) Lung disease, tuberculosis or asthma?

YES NO

c) Cancer, a blood disease, an abnormal bleeding disorder, or a bleeding gastric ulcer or duodenal ulcer?

YES NO

d) Diabetes, thyroid disease, kidney disease, epilepsy (fits)?

YES NO

e) Chagas disease, babesiosis, HTLV-I/II or any other chronic infectious disease?

YES NO

Blood Donation form.....

localhost/HMS/dinro.php

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waiting to see one (except for routine screening appointments)?

1.8 In the past 12 months:

a) Have you been ill, received any treatment or taken any medication?

YES NO

b) Have you been under a doctor care, undergone surgery, or a diagnostic procedure, suffered a major illness, or been involved in a serious accident?

YES NO

1.9 Have you ever had yellow jaundice (excluding jaundice at birth), hepatitis or liver disease or a positive test for hepatitis?

a) In the past 12 months, have you had close contact with a person with yellow jaundice or viral hepatitis, or have you been given a hepatitis B vaccination?

YES NO

b) Have you ever had hepatitis B or hepatitis C or think you may have hepatitis now?

YES NO

c) In the past 12 months, have you been tattooed, had ear or body piercing, acupuncture, circumcision or scarification, cosmetic treatment?

YES NO

1.10) In the past 12 months, have you or your sexual partner received a blood transfusion?

YES NO

1.11) Have you ever had malaria or an unexplained fever

Blood Donation form.....

2 RISK ASSESSMENT

Please tick the appropriate answer to each question

2.1) Have you ever been tested for HIV?

YES NO

2.2) Have you ever had casual, oral or anal sex with someone whose background you do not know, with or without a condom?

YES NO

2.3) Have you suffered from a sexually transmitted disease (STD): e.g. syphilis, gonorrhoea, genital herpes, genital ulcer, VD, or â€˜dropâ€™?

YES NO

2.4) Have you ever injected yourself or been injected with illegal or non-prescribed drugs including body-building drugs or cosmetics (even if this was only once or a long time ago)?

YES NO

Blood Donation form end

3 DECLARATION

Please do not Submit until you have answered all the questions and read the declaration below.

- a) I confirm that, to the best of my knowledge, I have answered all the questions accurately and I consider my blood safe for transfusion to a patient.**

- b) I understand that any wilful misrepresentation of facts could endanger my health or that of patients receiving my blood and may lead to litigation. I am aware that my blood will be screened for, among others, HIV, hepatitis B, hepatitis C and syphilis. I understand that these screening tests are not diagnostic and may yield false-positive results. If any of the tests give a reactive result, I will be contacted using the information I have provided, and offered counselling.**

- c) I understand the blood donation process, and I have been counseled regarding the importance of safe blood donation.**

- d) I confirm that I am over the age of 18 years.**

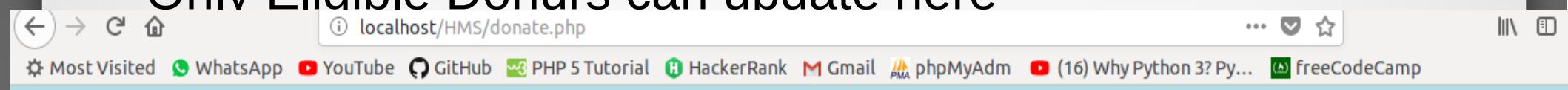
- e) I undertake that should there be any reason for my blood to be deemed unsafe for use at any stage, I will inform the Blood Transfusion Service.**

Blood Bank working

- Blood donour Must Enter Their Mobile Number
- If Blood Donour is Eligible to donate blood as per form a Notification will come your eligible to donate
- Else your not eligible to donate blood now
- if Eligible in database yes will update in the field of eligibility
- After Blood Donation Badmin can updated as donated.
- Then All deatils of the donour will available for the public

Blood bank admin

- Blood Bank Admin is Updating if Donour Donated Blood
- Only Eligible Donurs can update here



After Donation

FIRST NAME (max 30 characters a-z and A-Z)

MOBILE NUMBER (10 digit number)

DATE OF BIRTH dd / mm / yyyy

Database -MySQL

- Bloodtable
- Ptable
- Doctor
- users

Blood table

phpMyAdmin

Server: localhost » Database: hms » Table: Bloodtable

Browse Structure SQL Search Insert Export Import Operations Tracking Triggers

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	first_name	varchar(30)	latin1_swedish_ci		No	None		
2	last_name	varchar(30)	latin1_swedish_ci		No	None		
3	bday	varchar(15)	latin1_swedish_ci		No	None		
4	emailid	varchar(50)	latin1_swedish_ci		No	None		
5	mobnum	varchar(10)	latin1_swedish_ci		No	None		
6	gender	varchar(5)	latin1_swedish_ci		No	None		
7	address	varchar(100)	latin1_swedish_ci		No	None		
8	city	varchar(20)	latin1_swedish_ci		No	None		
9	pincode	int(10)			No	None		
10	state	varchar(20)	latin1_swedish_ci		No	None		
11	country	varchar(20)	latin1_swedish_ci		No	None		
12	occupation	varchar(30)	latin1_swedish_ci		No	None		
13	blood	varchar(5)	latin1_swedish_ci		No	None		
14	weight	int(5)			No	None		
15	height	int(5)			No	None		
16	lastdonation	date			No	None		
17	q1.1	varchar(3)	latin1_swedish_ci		No	None		
18	q1.2	varchar(3)	latin1_swedish_ci		No	None		
19	q1.3	varchar(3)	latin1_swedish_ci		No	None		
20	q1.4	varchar(3)	latin1_swedish_ci		No	None		

Blood table ...

phpMyAdmin

Server: localhost > Database: hms > Table: Bloodtable

Browse Structure SQL Search Insert Export Import Operations Tracking Triggers

22	q1.6a	varchar(3)	latin1_swedish_ci		No	None											
23	q1.6b	varchar(3)	latin1_swedish_ci		No	None											
24	q1.6c	varchar(3)	latin1_swedish_ci		No	None											
25	q1.6d	varchar(3)	latin1_swedish_ci		No	None											
26	q1.6e	varchar(3)	latin1_swedish_ci		No	None											
27	q1.7	varchar(3)	latin1_swedish_ci		No	None											
28	q1.8a	varchar(3)	latin1_swedish_ci		No	None											
29	q1.8b	varchar(3)	latin1_swedish_ci		No	None											
30	q1.9	varchar(3)	latin1_swedish_ci		No	None											
31	q1.9a	varchar(3)	latin1_swedish_ci		No	None											
32	q1.9b	varchar(3)	latin1_swedish_ci		No	None											
33	q1.9c	varchar(3)	latin1_swedish_ci		No	None											
34	q1.10	varchar(3)	latin1_swedish_ci		No	None											
35	q1.11	varchar(3)	latin1_swedish_ci		No	None											
36	q2.1	varchar(3)	latin1_swedish_ci		No	None											
37	q2.2	varchar(3)	latin1_swedish_ci		No	None											
38	q2.3	varchar(3)	latin1_swedish_ci		No	None											
39	q2.4	varchar(3)	latin1_swedish_ci		No	None											
40	eligible	varchar(10)	latin1_swedish_ci		No	None											
41	curdate	date			No	None											

ptable

phpMyAdmin



(Recent tables) ...

bse

hms

New

Bloodtable

doctor

ptable

users

information_schema

mysql

performance_schema

phpmyadmin

tjyc

vast

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	pid	int(10)	latin1_swedish_ci		No	None	AUTO_INCREMENT	
2	first_name	varchar(30)	latin1_swedish_ci		Yes	NULL		
3	last_name	varchar(30)	latin1_swedish_ci		No	None		
4	bdy	date	latin1_swedish_ci		No	None		
5	emailid	varchar(50)	latin1_swedish_ci		No	None		
6	mobnum	varchar(10)	latin1_swedish_ci		No	None		
7	gender	varchar(5)	latin1_swedish_ci		No	None		
8	address	varchar(100)	latin1_swedish_ci		No	None		
9	city	varchar(20)	latin1_swedish_ci		No	None		
10	pincode	int(10)	latin1_swedish_ci		No	None		
11	state	varchar(20)	latin1_swedish_ci		No	None		
12	country	varchar(20)	latin1_swedish_ci		No	None		
13	occupation	varchar(30)	latin1_swedish_ci		No	None		
14	blood	varchar(5)	latin1_swedish_ci		No	None		
15	dep	varchar(30)	latin1_swedish_ci		No	None		
16	dname	varchar(50)	latin1_swedish_ci		No	None		
17	wno	int(4)	latin1_swedish_ci		No	None		
18	symtoms	text	latin1_swedish_ci		No	None		



With selected:

Doctor table

phpMyAdmin

Server: localhost » Database: hms » Table: doctor

Browse Structure SQL Search Insert Export Import Operations Tracking Triggers

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	d_id	int(4)	latin1_swedish_ci		No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	dname	varchar(30)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	degree	text	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	dep	varchar(30)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	mon	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	tues	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	wed	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	thurs	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
9	fri	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
10	sat	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
11	sun	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
12	ldate	text	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
13	phnum	varchar(15)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
14	age	decimal(5,0)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
15	exp	int(10)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
16	rate	varchar(10)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#)

[Print view](#) [Relation view](#) [Propose table structure](#) [Track table](#) [Move columns](#)

[Add](#) column(s) At End of Table At Beginning of Table After [Go](#)

+ Indexes

Users table

phpMyAdmin

Server: localhost » Database: hms » Table: users

Browse Structure SQL Search Insert Export Import Operations Tracking Triggers

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	username	varchar(50)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	passcode	varchar(255)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	type	varchar(10)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#)

[Print view](#) [Relation view](#) [Propose table structure](#) [Track table](#) [Move columns](#)

[Add](#) column(s) At End of Table At Beginning of Table After [Go](#)

+ Indexes

Information

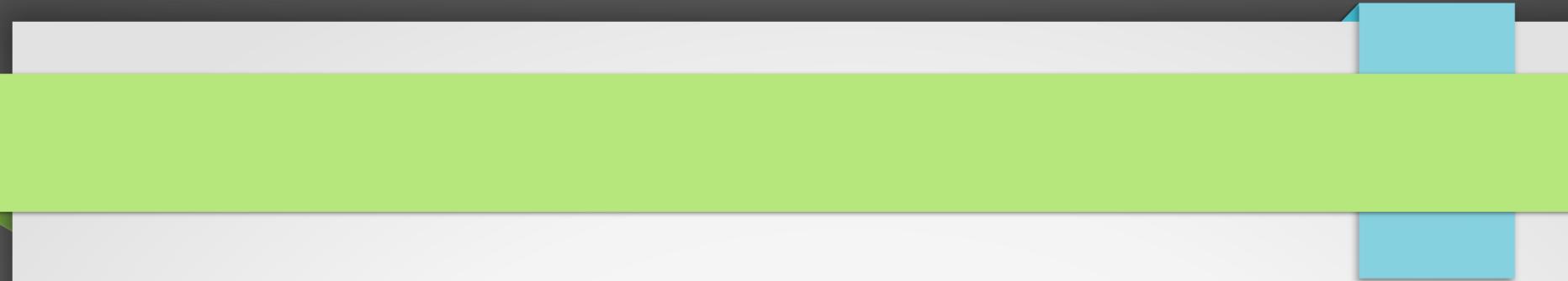
Space usage		Row statistics	
Data	16 KiB	Format	Compact
Index	16 KiB	Collation	latin1_swedish_ci
Total	32 KiB	Next autoindex	7
		Creation	Nov 18, 2018 at 02:02 PM

Platform&Tools

- Apache2
- PHP 7
- mysql Ver 14.14 Distrib 5.5.61,
- Ubuntu
- GitHub
- Vscode (IDE)
- HTML
- Mozilla Firefox

Conclusion

- Receptionist have all rights except updation of blood donation.
- Only Blood Admin can update if donor donated.
- Donated Blood Details accessible to all
- Blood donation Form will help to know whether he/she is eligible or not to donate blood
- Doctor Availability can Check by patient and Receptionist.
- Doctor Leaves can update by doctors and Receptionist
- Doctors Get their Patients List
- Visitors can get details of patient from reception (Ward number)
- Patient and Receptionist can view Patient Details



Thank you