

Screen Design

DB Project

Case1: Give admin privileges

Menu

Things you can do

Rooms

Inventory

Symptom

Add admin



Admin view

Enter Name:

xyz...

xyz1

xyz2

OR

Enter person_id

Make admin

Menu

Things you can do

Rooms

Inventory

Symptom

Add admin



Admin view

Enter Name:

xyz...

xyz1

Enter

You are not authorised to view
person's info. Mail sent to the
same for confirmation. Proceed
after that

Make admin

Case2: Assign responsibilities to
support staff

Menu

Things you can do

Rooms

Inventory

Assign responsibility



Symptom

Add admin

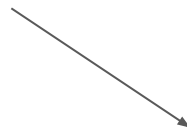
Admin view

Choose support staff:

xyz...

Choose responsibility:

xyz...



Choose room

Choose equipment

Submit

Case3: View/Modify personal info

Welcome to DB Hospital

Home	About	Info
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Home >> View profile >> Edit

Name:

address

pincode

contact:
(10 digit only)

gender

Qualification

date-of-birth

email id

username

password
(must include alphabet and numeral)







Confirm

Case 4,5: Book/cancel
appointment plus follow-ups

[Home](#)[About](#)[Appointments](#)[History](#)[Bills](#)[...](#)

Home >> Appointments



Doctor	Time	Reason	Prescription	Amount Paid		
Dr. A	d1/m1/y1, T1	Foo		Rs. --		
Dr. X	d2/m2/y2, T2	Bla		Rs. --		
...				-		

Book a
follow-up

Book a new appointment

View
prescription

Cancel an
appointment (shown
only for future
appointments)


Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Appointments >> Upcoming

Select Reason / Problem (optional)

Select date (optional)



Doctor	Time	Reason	Prescription	Amount Paid	
Dr. A	d1/m1/y1, T1	Foo		Rs. --	×
Dr. X	d2/m2/y2, T2	Bla		Rs. --	×
...				Rs. --	×

Book a new appointment

View prescription of
prev. appointments
related to the follow-up

Cancel an
appointment /
follow-up

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Appointments >> Book a new appointment

Select Speciality / Problem

Select date



Dr. A	Cardiologist	9-9:30am	9:30-10:00am	10:00-10:30am	...
Dr. B	Neurologist	9-9:30am	9:30-10:00am	10:00-10:30am	...
Dr. C	Optician	9-9:30am	9:30-10:00am	10:00-10:30am	...
...	...				

White slots indicate
doctor is available, grey
indicates doctor is busy.

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Appointments >> Book a follow-up

Select date



Dr. A

Cardiologist

9:00-9:30 am		
9:30-10:00am		
...		

White slots indicate
doctor is available, grey
indicates doctor is busy.

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Appointments >> Cancel

Select Speciality / Problem

Select date



Dr. A	9-9:30am	9:30-10:00am	10:00-10:30am
Dr. B	9-9:30am	9:30-10:00am	10:00-10:30am
Dr. C	9-9:30am	9:30-10:00am	10:00-10:30am
...					

White slots indicate
doctor is available, grey
indicates doctor is busy.

[Home](#)[About](#)[Appointments](#)[History](#)[Bills](#)[...](#)

Home >> Appointments >> Cancel



Doctor	Time		Amount Paid		
Dr. A	d1/m1/y1	<div>Do you want to cancel your appointment with Dr. xyz scheduled on d1/m1/y1, T1? Yes No</div>	Rs. --		
Dr. X	d2/m2/y1		Rs. --		
...			-		

Book a follow-up

[Book a new appointment](#)[View prescription](#)[Cancel an appointment \(shown only for future appointments\)](#)

Case6: Book/Cancel tests

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Tests >> Book a new test

Select test (e.g. blood test)

Select date

Confirm booking

[Home](#)[About](#)[Appointments](#)[History](#)[Bills](#)[...](#)

Home >> Tests



Test	Time	Comments	Results	Amount Paid	
Blood	d1/m1/y1, T1	Foo	<input type="text"/>	Rs. --	
Sugar	d2/m2/y2, T2	Bla	<input type="text"/>	Rs. --	
...				-	

View results

Cancel a test (shown
only for future
appointments)

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Tests >> Upcoming

Select test (optional)

Select date (optional)



Test	Time	
Blood	d1/m1/y1, T1	✕
Sugar	d2/m2/y2, T2	✕
...		

Book a new test

[Home](#)[About](#)[Appointments](#)[History](#)[Bills](#)[...](#)

Home >> Tests >> Upcoming >> Cancel



Test	Time	
Blood	d1/m1/y1	<div>Do you want to cancel your test scheduled on d1/m1/y1, T1?</div> <div>Yes No</div>
Sugar	d2/m2/y1	
...		

Case7: Add test results

Menu

Things you can do

Add test results



Choose patient

Choose test

Submit result file

Comments

Submit

Support Staff view

Case8: Add a new disease

Menu

Things you can do

Disease



Symptom

Slots

Doctor view

Diseases

Sr.No	Name	Information Link
1	Malaria	Malaria
2	Tuberculosis	https://en.wikipedia.org/wiki/Tuberculosis
3	Smallpox	https://en.wikipedia.org/wiki/Smallpox

Add new disease

Pop up

Add a disease to the database

Disease name

Information link

Submit

Case 9: Add a new Symptom

Menu

Things you can do

Disease

Symptom



Slots

Doctor view

Symptoms

Sr.no	Name
1	Chills
2	Cough

Add new symptom



Add a symptom to the
database

Name

Submit

Case11: Add room for appointment

Things you can do

Rooms 

Inventory

Symptom

Admin view

Selection box, shows available (free)
rooms only

Doc id	Doc name	Date	Start_time	Room_no
4	PVS	2020-1-1	10:00	1001
		2020-1-2	10:00	1003
		2020-1-4	10:30	1005

Enter new
room id

then

You have chosen to modify the room number of
the (doc_id, dat, start_time) tuple. Are you sure?

Yes

No

Clicks here

Case12: Decide Slot

Menu

Things you can do

Disease

Symptom

Slots



Doctor view

Date/start time	9:00 AM	9:30 AM	10:00 AM	...
2020-01-01				...
2020-01-02				...
2020-01-03				...
2020-01-04				...
2020-01-05				...
2020-01-06				...
2020-01-07				...

Menu

Things you can do

Disease

Symptom

Slots



Doctor view

Date/start time	9:00 AM	9:30 AM	10:00 AM	...
2020-01-01				...
2020-01-02				...
2020-01-03				...
				...
				...
				...
				...
				...

You have chosen to remove a slot from this week's timetable. An appointment is scheduled in that slot. Are you sure you want to cancel the chosen slot: (dat, start_time)

Yes

No

Clicks here

Menu

Things you can do

Disease

Symptom

Slots



Doctor view

Date/start time	9:00 AM	9:30 AM	10:00 AM	...
2020-01-01				...
2020-01-02				...
2020-01-03				...
				...
				...
				...
				...

You have chosen to remove a slot from this week's timetable. It is a free slot. Are you sure you want to cancel the chosen slot: (dat, start_time)

Yes

No

Clicks here

Menu

Things you can do

Disease

Symptom

Slots



Doctor view

Date/start time	9:00 AM	9:30 AM	10:00 AM	...
2020-01-01				...
2020-01-02				...
2020-01-03				...
2020-01-04				...
				...
				...
				...
				...

You have chosen to add a slot to this week's timetable. Are you sure you want to add the chosen slot: (dat, start_time)

Yes

No

Clicks here

Case13: Register/remove Doctor/ support
staff, modify salary, charges etc

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Manage >> Doctors

Select name / speciality / qualification

Select salary



Doctor	Speciality	Qualification	Salary	Charges		
Dr. A	Bla	Foo	Rs. --	Rs. --		
Dr. X	Foo	Bla	Rs. --	Rs. --		
...			Rs. --	Rs. --		



Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Manage >> Doctors >> Remove

Select name / speciality / qualification

Select salary



Doctor	Speciality	Charges		
Dr. A	Bla	Rs. --		
Dr. X	Foo	Rs. --		
...		Rs. --		

Do you want to remove Dr. A?

Yes No

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Manage >> Doctors >> Update

Select name / speciality / qualification

Select salary



Doctor	Speciality	Charges		
Dr. A	Bla	Rs. --		
Dr. X	Foo	Rs. --		
...		Rs. --		

Do you want to update Dr. A's info to the new values entered?

Yes No

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Manage >> Support staff

Select name / qualification

Select salary



Name	Duration	Qualification	Salary	Days of week		
Mr. A	Bla	Foo	Rs. --	Rs. --		
Mrs. X	Foo	Bla	Rs. --	Rs. --		
...			Rs. --	Rs. --		

[Home](#)[About](#)[Appointments](#)[History](#)[Bills](#)[...](#)

Home >> Manage >> Support staff >> Remove



Name	Duration				of week		
Mr. A	Bla	<div>Do you want to remove Mr. A?</div> <div>Yes No</div>					
Mrs. X	Foo						
...							
				Rs. --	Rs. --		

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Manage >> Support staff >> Update

Select name / qualification

Select salary



Name	Duration				of week		
Mr. A	Bla	Do you want to update Mr. A's info to the new values entered? Yes No					
Mrs. X	Foo						
...							
				Rs. --	Rs. --		

Case 14: Fill prescription, symptoms, diseases

Things you can do

Disease

Symptom

Slots

Post appointment



Doctor view

1

2

3

Choose appointment

App_id	Patient	Dat	start_time	Patient compaints



Things you can do

Disease

Symptom

Slots

Post appointment 

Doctor view

Select symptoms

id	name



Select diseases

id	name	Information link



1

2

3

Menu

Things you can do

Disease

Symptom

Slots

Post appointment



Doctor view

Select medicines

id	name	desc

Enter prescription

Dosage	Freq

1

2

3

Select tests

id	name	Equipment id

Submit prescription

Case 15: Allot beds to admitted patients

Menu

Things you can do

Disease

Symptom

Slots

Post appointment

Allot beds



Doctor view

Choose patient

Choose room type

Choose bed type



Sorry, there are no free beds
with the requested requirements.
Please try other alternatives.

Ok

You have chosen (patient,
room_type, bed_type). Are you
sure?

Yes

No

Case 16: Update Inventory

Menu

Things you can do

Rooms

Inventory



Admin view

Beds

Selection box, shows types of goods
(beds, rooms, equipment, medicine)

Bed no	Type	Charges (Rs/hr)
21	Long	200
22	High	160
23	Long	250

Clicks here

Add new bed

Enter new
charges

Submit

Are you sure message

Case18: Register as a person

Welcome to DB Hospital

Home	About	Info
------	-------	------

Name:

address

pincode

contact:
(10 digit only)

gender

Qualification

date-of-birth

email id

username

password
(must include alphabet
and numeral)

Sign-Up

Already an user?

Login

Case19: View generic info

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> About

Speciality	Doctor	Qualfication
Cardiology	Dr. xyz	MS, MBBS
Neurology	Dr. abc	MBBS
...		

Type	Staff
Nurse	30
Ward boy	25
...	...

Facilities: OPD, Surgery, ...

Bed type	Available
Normal	30
ICU	12

Back

Case20: Payment

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Bills >> Clear dues

Bill No.	Date	Reason	Amount	Select
13242	d1/m1/y1	Blood Test	Rs. ---	<input type="radio"/>
13246	d2/m2/y2	Appointment with Dr. xyz	Rs. ---	<input type="radio"/>
...				

Pay Now

Case21: Disease-Symptom

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Analysis >> Disease-Symptoms

Select disease



Disease	Precautions	...
Flu	...	
Diarrhoea	...	
...	...	

Go



Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Analysis >> Disease-Symptoms

Common Symptoms of
Common Flu are:

- High temperature of body
- Running nose
- Body pain

Back



Case 22: Disease-vs-Area

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Analysis >> Disease-vs-Area

Select pincode (optional)

Lower bound on number
of cases (optional)



Disease	Cases (last week)	...
Flu	40	
Diarrhoea	10	
...		

Check



Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> Analysis >> Disease-vs-Area

Select pincode (optional)

Lower bound on number
of cases (optional)



Disease	Cases(last month)	...
Flu	30	
Diarrhoea	10	
...		

Back



Case 23: Bill generation

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> New Bill

Select bill type

Buying medicines

Taking test

Appointment

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> New Bill >> Meds

Sr No.	Medicine	Quantity	Price
1.	A	P	Rs. --
2.	B	Q	Rs. --
...			

Generate bill

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> New Bill >> Test

Select test

Generate bill

Home	About	Appointments	History	Bills	...
------	-------	--------------	---------	-------	-----

Home >> New Bill >> Appointment

Select doctor

Generate bill