

CARE EARLY CORONA VIRUS

BE SAFE ! CARE EARLY !





Group – 1

P S Krishnan Nampoothiry
Sangeeth Padmakumar
Sreeju M O

01. **AIM**

Develop an automated tool for identifying and disseminating COVID-19 information

02. **INTRODUCTION**

Devolop an automated tool for identifying and disseminating COVID-19 information

03. **SYSTEM STUDY AND ANALYSIS**

Process of discovery, refinement, modeling and specification.

04. **DESIGN**

Data Flow Diagram
Entity Relationship Diagram
Database Design



05. **MODULES**

Admin
Staff
Doctor
Patient

06. **SCREENSHOTS**

Sample Screenshots of the Website

07. **ADVANTAGES AND DISADVANTAGES**

Specify about the advantages and disadvantages of the website

08. **CONCLUSION**

09. **FUTURE WORK**

Specify about the future scope of the project



01

AIM



AIM

A monitoring system to efficiently manage
Patient, Doctor, Health Professional

02

INTRODUCTION

INTRODUCTION



WHAT IS IT?

It's an infectious disease caused by the recently found coronavirus



STATISTICS

Coronavirus disease is having an impact on global economy and society



PREVENTION

There are recommendations to follow in order to prevent the spread



INTRODUCTION

- Website for identifying and disseminating relevant COVID -19 information.
- Web based application for testing, find the result of a patient.
- User can
 - Search with a particular place
 - View the details of quarantine peoples
 - No of positive cases / Recovery
 - Waiting for the test results.

03

SYSTEM STUDY AND ANALYSIS

SYSTEM STUDY AND ANALYSIS



❑ Existing System

- ❑ Chance of losing information
- ❑ Need a large volume of storage area
- ❑ Reports could not be prepared in time
- ❑ Congested with paper files, registers and written documents
- ❑ Security need to be enhanced
- ❑ Time consuming
- ❑ Data verification and validation is done manually
- ❑ Redundancy on records

SYSTEM STUDY AND ANALYSIS



❑ Proposed System

- ❑ Reduces time consumption.
- ❑ Avoids unauthorized access on data.
- ❑ Redundancy can be avoided.
- ❑ If any error occurs they can be rectified easily.
- ❑ Reduce human effort.
- ❑ Make the close relationship between the office and the members
- ❑ More efficient.
- ❑ Highly reliable.
- ❑ Easy data retrieval

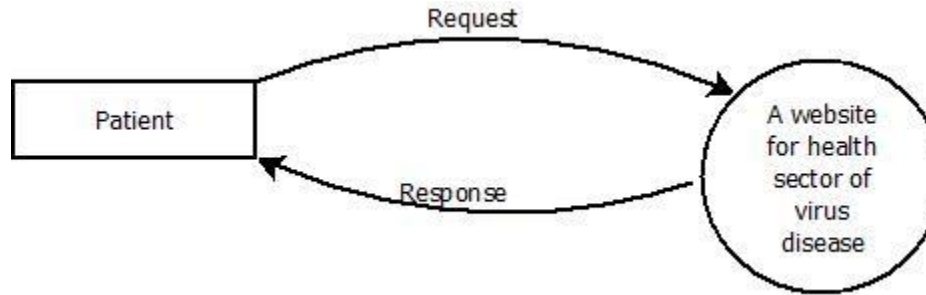
04

DESIGN



DATA FLOW DIAGRAM

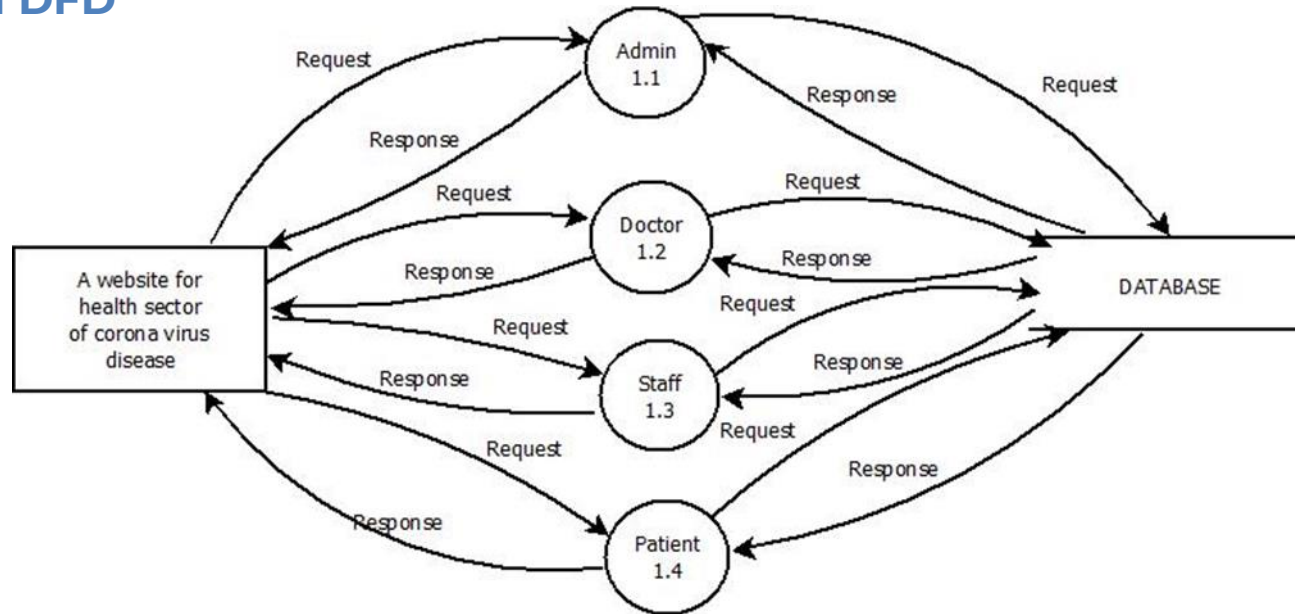
LEVEL 0 DFD





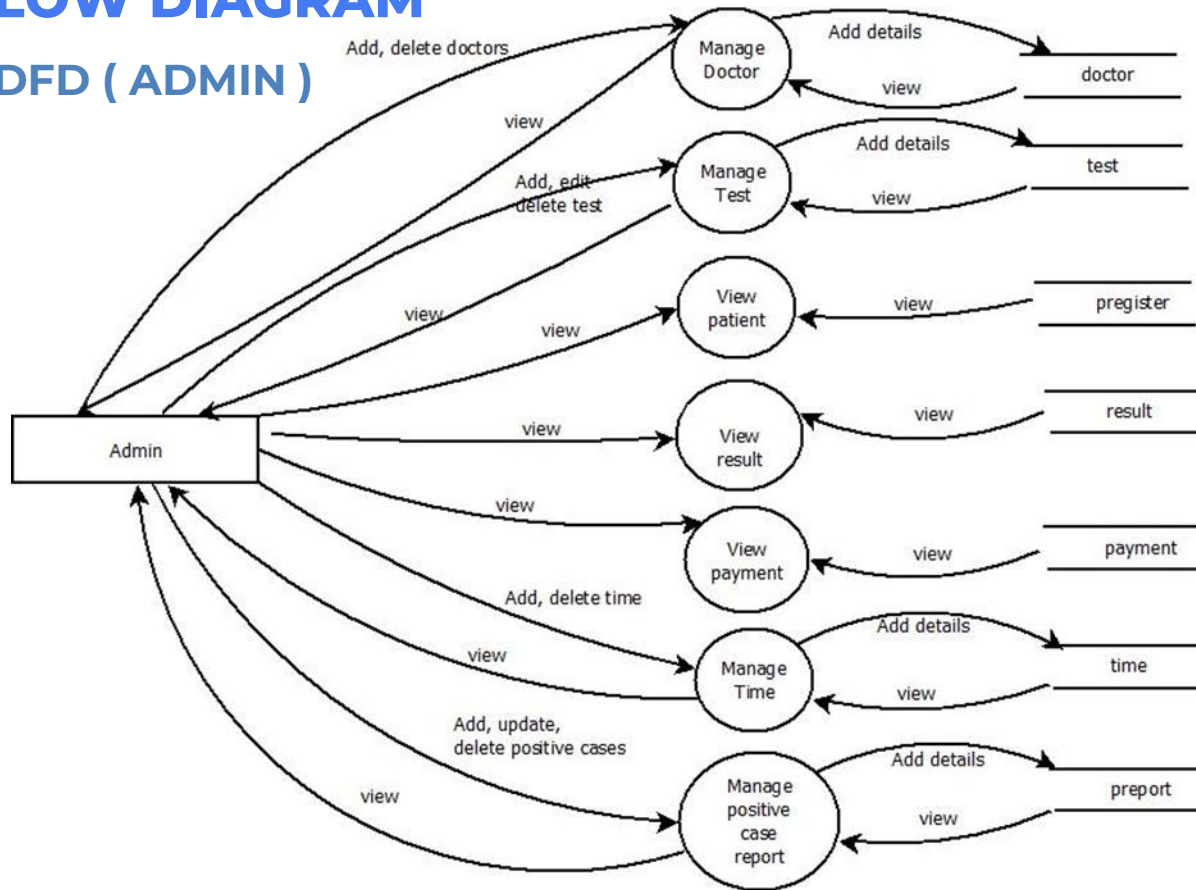
DATA FLOW DIAGRAM

LEVEL 1 DFD



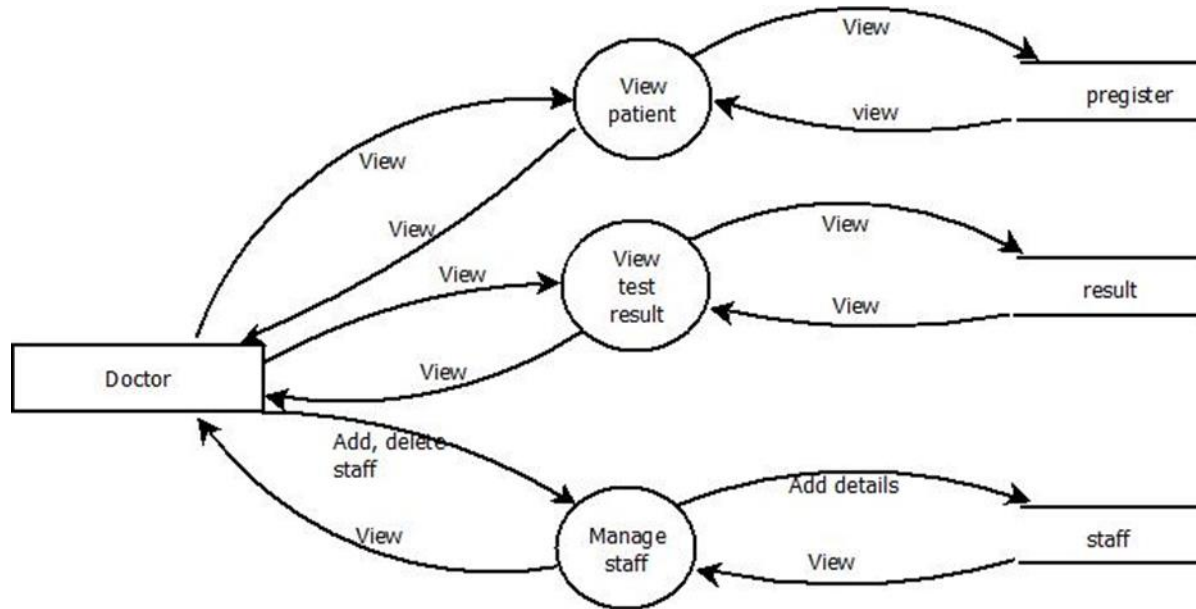
DATA FLOW DIAGRAM

LEVEL 1.1 DFD (ADMIN)



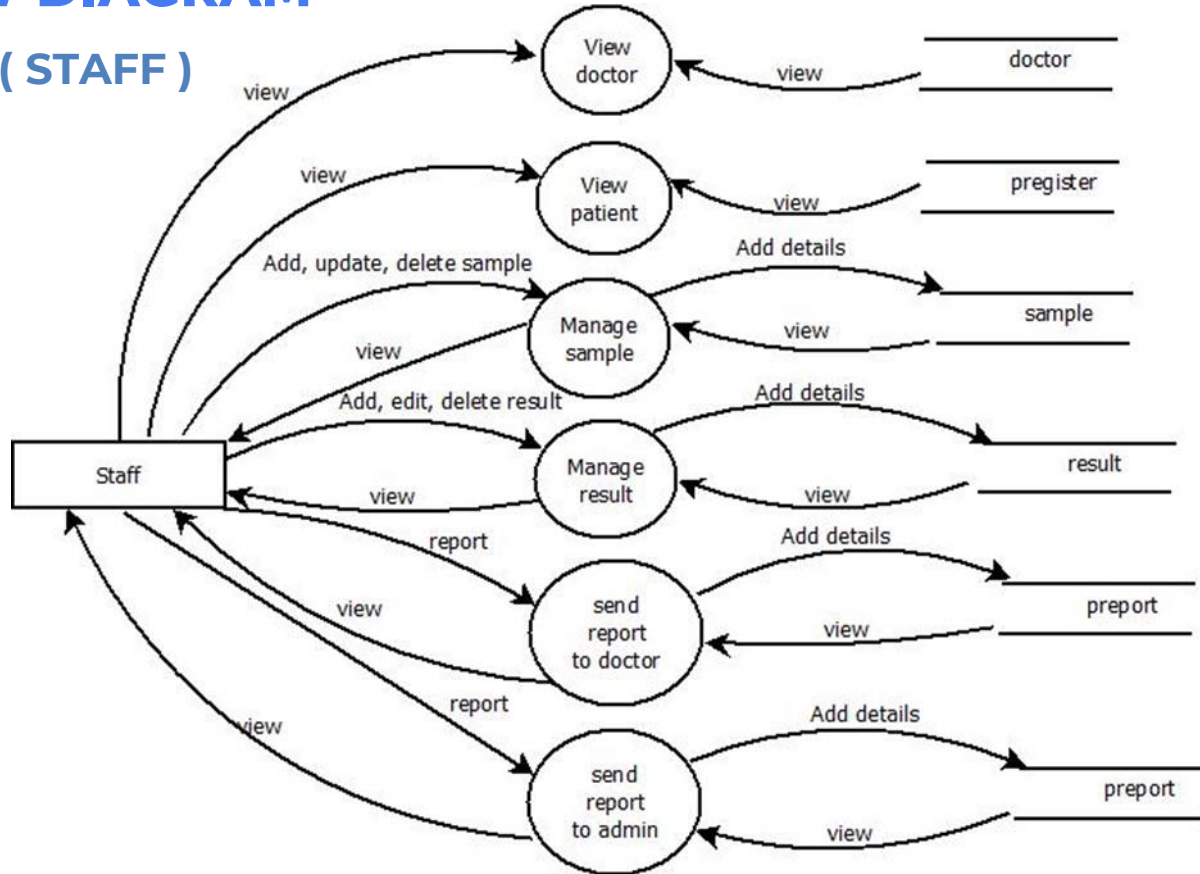
DATA FLOW DIAGRAM

LEVEL 1.2 DFD (DOCTOR)



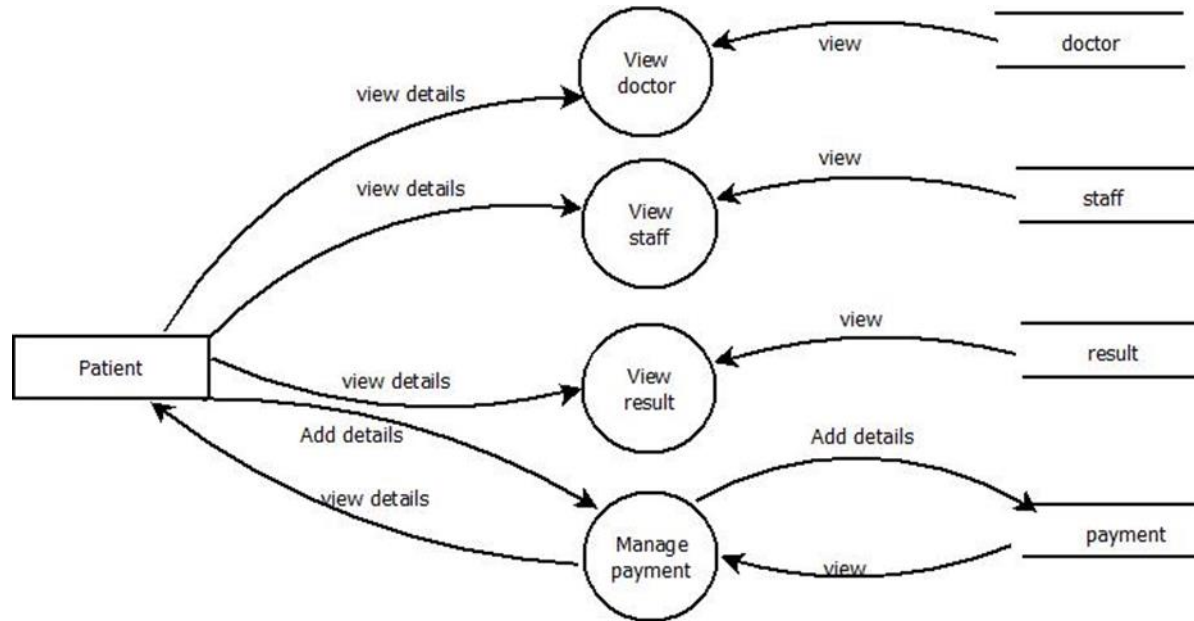
DATA FLOW DIAGRAM

LEVEL 1.3 DFD (STAFF)

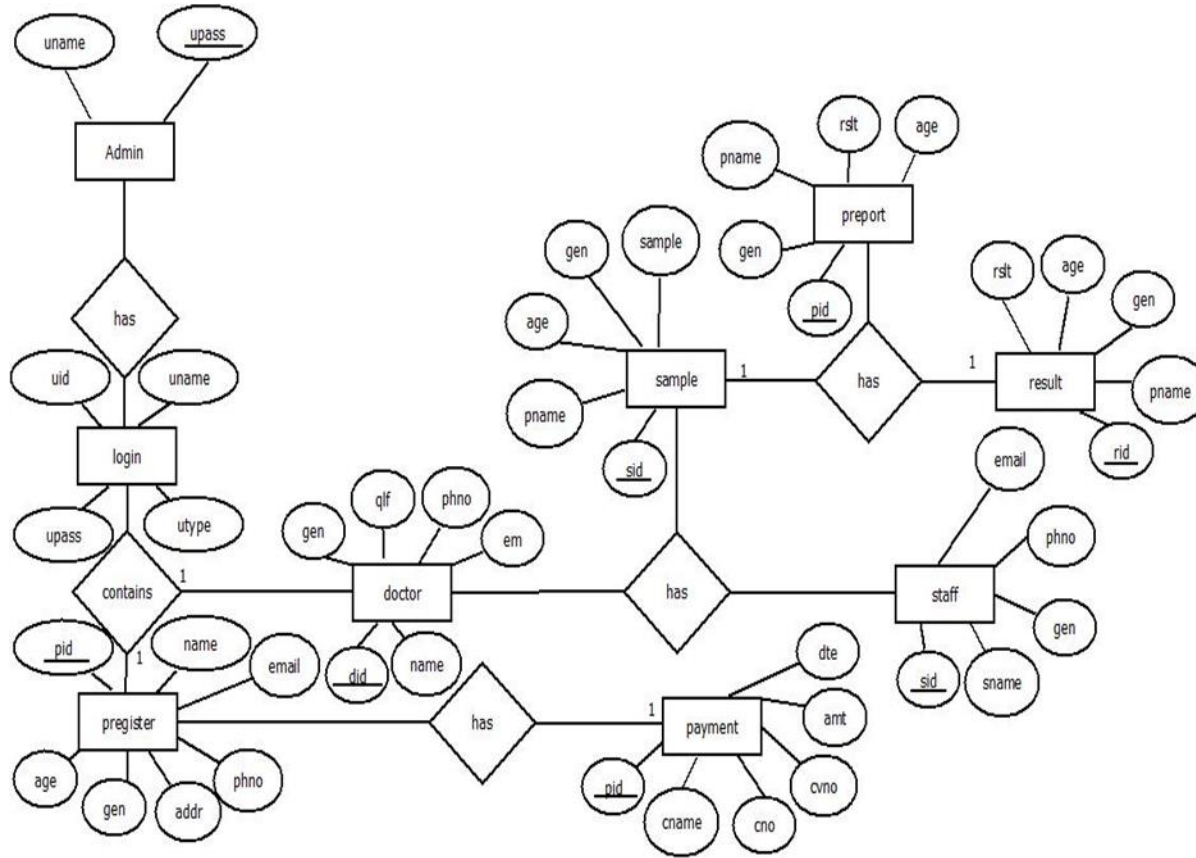


DATA FLOW DIAGRAM

LEVEL 1.3 DFD (PATIENT)



ENTITY RELATIONSHIP DIAGRAM





DATA BASE DESIGN

Staff Table

Column	Type	Null
Sid	Int(10)	No
Name	Varchar(30)	No
Gen	Varchar(10)	No
Phno	Varchar(13)	No
Email	Varchar(40)	no



DATA BASE DESIGN

Doctor Table

Column	Type	null
Did	Int(10)	No
Name	Varchar(30)	No
Gen	Varchar(10)	No
Qlf	Varchar(30)	No
Phno	Varchar(13)	No
Em	Varchar(40)	No



DATA BASE DESIGN

Patient Table

Column	Type	Null
Pid	Int(10)	No
Name	Varchar(30)	No
Addr	Varchar(50)	No
Age	Varchar(10)	No
Gen	Varchar(10)	No
Phno	Varchar(13)	No
Email	Varchar(40)	no

05

MODULES

ADMIN



The admin is the main authority of this project

The admin can

- Add the details of doctors.
- Add the details of test.
- View the details of patients, result and payments.
- Add the details of time.
- Add the reports of no of positive cases.

STAFF



Staff should login to this website

The staff can

- View the details of patients, doctors.
- Collect the sample details of patients.
- Add the result of each patients.
- Send the report to Doctors and Administrator.

DOCTOR



Doctor should login to this website

The doctor can

- View the details of patients, test result details
- Add the staff details.

PATIENT



At first the patient should register to this site and login.

The patient can

- View the doctor, staff details.
- View his/her test result details.
- Add the payment details.
- He/ she can search with a particular place.
- View the details of quarantine peoples, no of positive cases, no of recovery
- Can collect test results.

06

SCREENSHOTS



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Care early Coronavirus



NEW USERS

LOGIN

PATIENT REGISTRATION PAGE

A dark blue background with several glowing, spiky virus particles in shades of red and blue, representing COVID-19.

Name	Anjali Ramachandran
Address	Jayasree Nivas, Anari
City	Harippadu
District	Alappuzha
Pincode	690505
Year Of Birth	1993
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Phone Number	8111859742
Email-id	anjaliir@gmail.com
Password	*****

REGISTER

LOGIN PAGE



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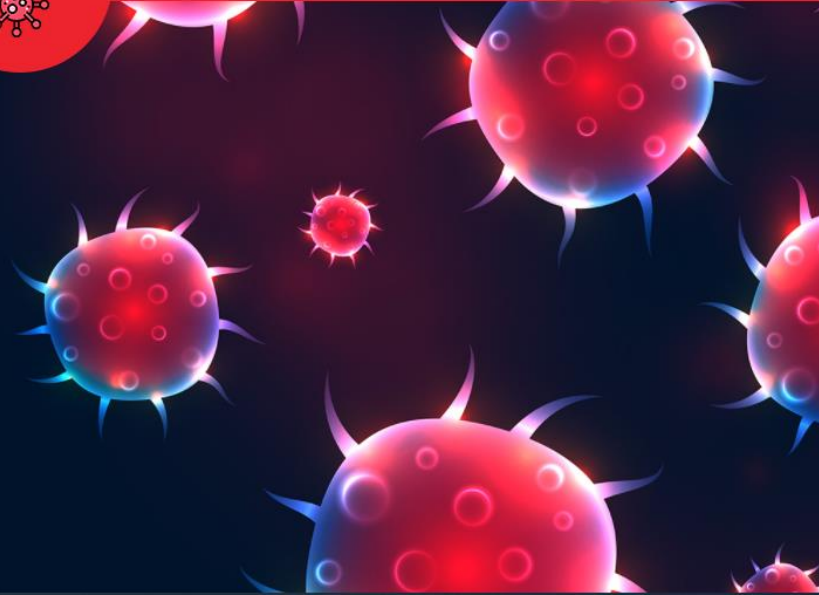


LOGIN DETAILS

Username

Password

[LOGIN](#)



ADMIN HOME PAGE



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HOME DOCTORS TEST **TIME** POSITIVE CASES PATIENTS REPORTS PAYMENT CONTAINMENTZONE


A large, detailed illustration of several coronavirus particles in shades of red and blue, floating against a dark background.

Care early Coronavirus

DOCTOR DETAILS PAGE



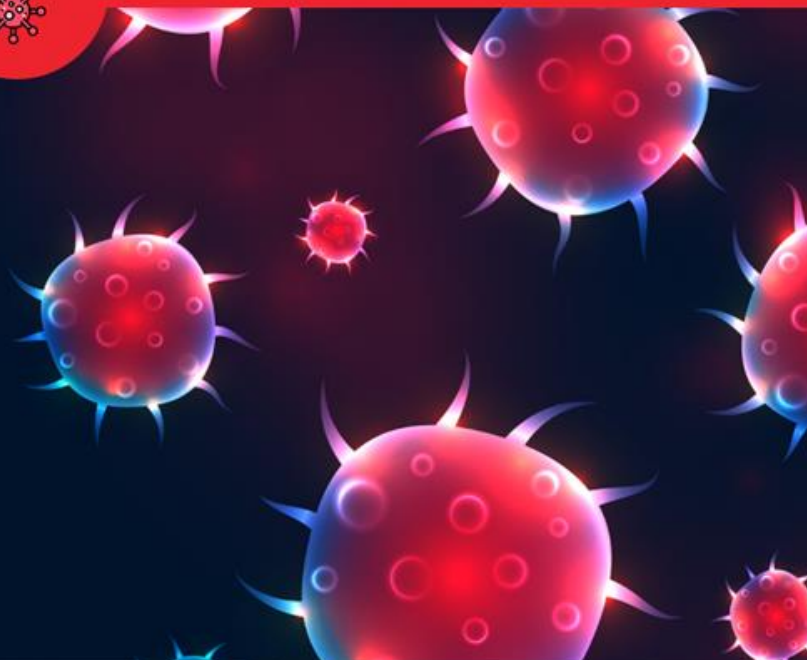
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Doctors Details

Name	<input type="text" value="Akhil"/>
Address	<input type="text" value="Akhil Bhavanam"/>
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Specialization	<input type="text" value="General medicine"/>
Department	<input type="text" value="General"/>
Hospital Name	<input type="text" value="H M C"/>
Hospital Location	<input type="text" value="Charummodu"/>
Email-id	<input type="text" value="akhil@gmail.com"/>
Phone Number	<input type="text" value="3456765432"/>
Password	<input type="password" value="....."/>

ADD



POSITIVE CASE REPORT PAGE



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Staff Name	Date Of Reporting	Time of Reporting	Sample Collection Date	Collection Time	Sample Test Date	Patient Id	Patient Name	Age	Gender	Test Name	Result
Akhil	2021-09-07	10:36	2021-09-03	11:36	2021-09-06	1	Reshmi	31	Female	Antigen Test	Positive

TEST DETAILS PAGE



HOME DOCTORS TEST **TIME** POSITIVE CASES PATIENTS REPORTS PAYMENT CONTAINMENTZONE

Test Details

Test Code	Tc01
Test Name	Antigen Test
Details	Antigen test
Amount	300
Result Duration	2 hr

ADD

USER HOME PAGE



VIEW TEST RESULT PAGE



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HOME DOCOTRS TEST STAFF **SAMPLE** RESULT PAYMENT TPR SEARCH CONTAINMENTZONE



Staff Name	Date Of Reporting	Time of Reporting	Sample Collection Date	Collection Time	Sample Test Date	Patient Id	Patient Name	Age	Gender	Test Name	Result	
Akhil	2021-09-07	10:36	2021-09-03	11:36	2021-09-06	1	Reshmi	31	female	Antigen Test	Positive	Download

VIEW CONTAINMENTZONE PAGE



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HOME DOCOTRS TEST STAFF **SAMPLE** RESULT PAYMENT TPR SEARCH CONTAINMENTZONE

Day	Date	Place	No of Positive Cases	No of Days
Tuesday	2021-08-31	Charummoodu	45	14

VIEW DOCTORS PAGE



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Name	Address	Specialization	Hospital Name	Hospital Location	Department	Gender	Phone Number	Email
Nidhin	Nidhin Bhavan	General medicine	Licy	Kaloor	General	male	9877665544	nidhin@gmail.com

07

ADVANTAGES



ADVANTAGES

Check the place is containment zone or not –

The user can search a place and to find the place is containment zone or not.

Find result –

If we check the result for one click.

Easy to find corona –

Finding corona virus easily.

08

CONCLUSION



CONCLUSION

The proposed system mainly focuses on governing the pandemic situation

- ❑ User friendly
- ❑ Automated
- ❑ Centralized
- ❑ Cost effective

09

FUTURE WORK



FUTURE WORK

The proposed system can be enhanced by add few more function such as live interaction with Patient and Doctor

10

REFERENCE



REFERENCE

- Software Engineering: Fundamentals of Software Engineering Fourth Edition by Rajib Mall,(2014),pages 225-228
- MySql:https://www.w3schools.com/java/java_mysql_insert.asp
- www.slideshare.com
- www.SDLCtutorial.com
- Covid-19 Jagratha (kerala.nic.in)
- <https://dashboard.kerala.gov.in/>
- The Complete Reference Java
- Mysql: <https://www.youtube.com/user/MySQLChannel>

THANK-YOU !

