



# Government Healthcare System

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# Abstract

Government Health care system is a web based application is intended to improve entire Governments hospitals working process in a states. This System provides a facility to patients , to online schedule a appointment with a doctor for check-up. For doctors This System Provide a facility, they can have a access to see the history reports of patients. This system also provides facility to admin who is health officer, admin role is to monitor all doctors work and have access to see all the doctors success rate as well as patients feedback towards doctor.

# Requirements

- Registered patients only can access application.
- Patients should schedule appointment online.
- Doctors have access to see his appointment list.
- Doctors Have access to patients history report.
- Health officers should have access to see all the patients feedback.



# Aims & Objectives

- To produce a web-based system that allow the admin to monitor on all the government doctors and hospitals.
- To easy patients to Schedule their appointments online.
- To ease for doctors to check patients history report.

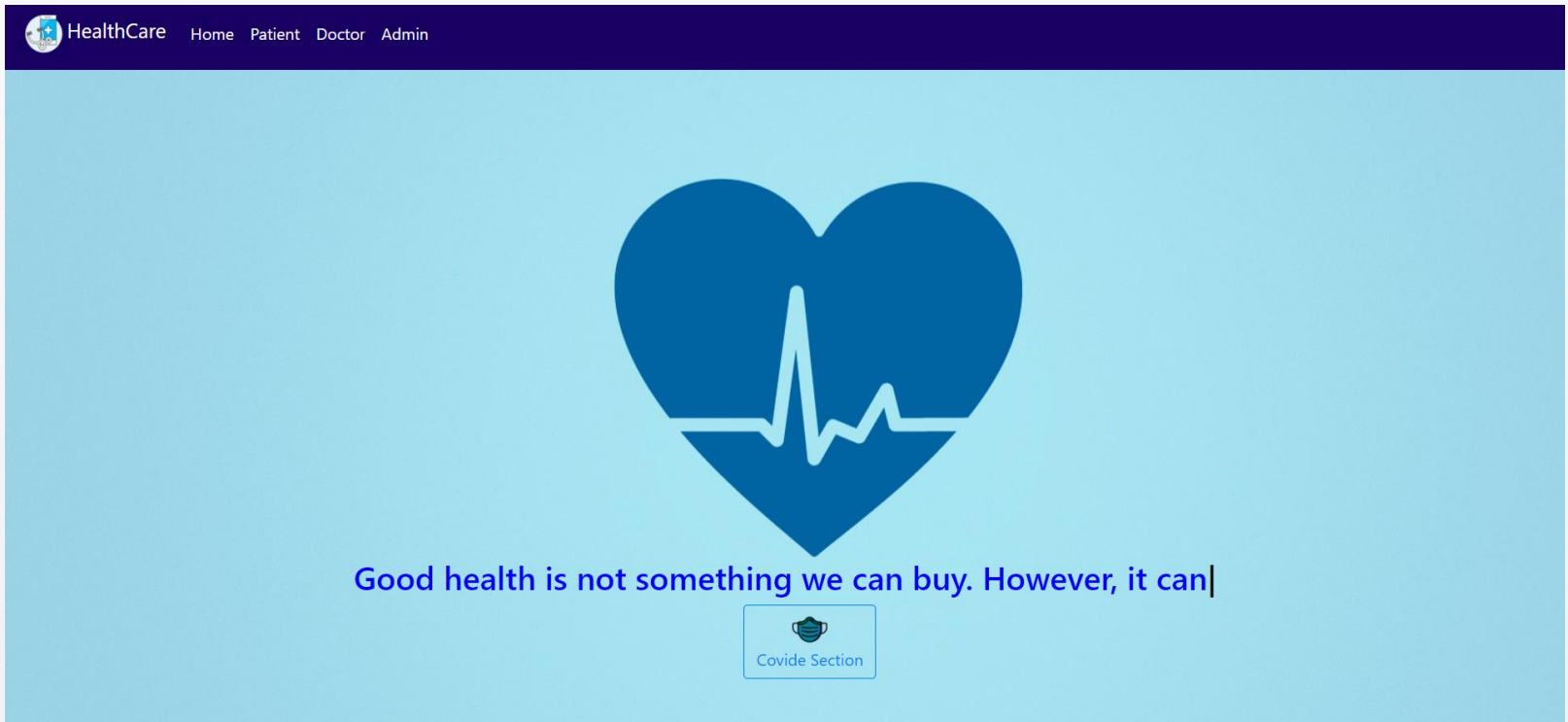
# Features

- Patients can schedule online appointment.
- Doctors can see patients history reports.
- Health officer can see patients feedback towards hospitals and doctors.
- Patients can not schedule on already booked appointments.
- Password stored in encryption format.

# Actors

- **Patient**
- **Doctor**
- **Health-Officer ( Admin )**

# System UI





# Patient Log-In



HealthCare

[Home](#)

[Patient](#)

[Doctor](#)

[Admin](#)

## Patient Login



Login

Reset

Register Patient

# Doctor Log-In



HealthCare

[Home](#)

[Patient](#)

[Doctor](#)

[Admin](#)

## Doctor Login



Login

Reset

# Admin Log-In



HealthCare

[Home](#)

[Patient](#)

[Doctor](#)

[Admin](#)


## Admin Login




Login


Reset

# Schedule Appointment

 HealthCare

HomePatientDoctorAdmin

 Jayant ▾



**Chhose Date for Appointment**

02/01/2021

**Choose Hospital**

Dhanvantari NTPC Township Sipta ▾

**Choose Department**

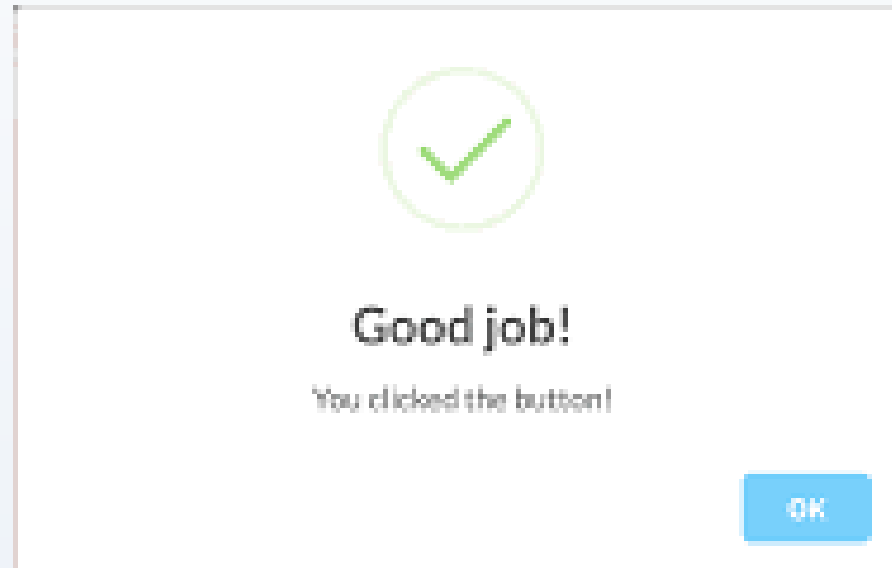
Skincare ▾

**Choose Slot**

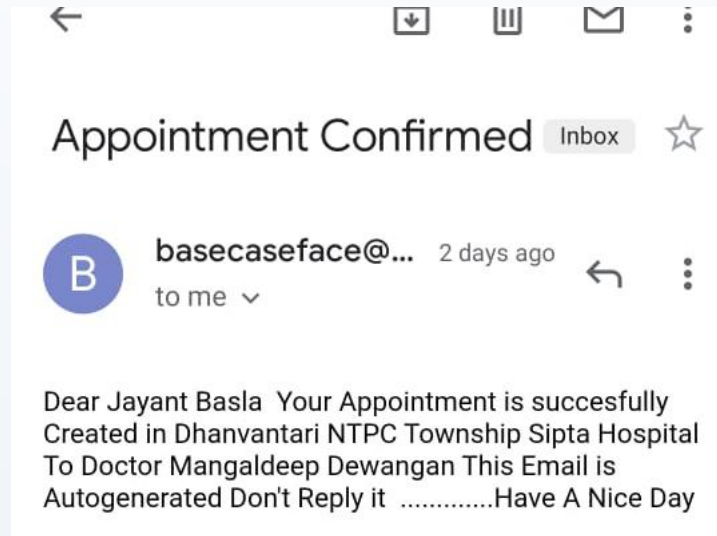
11:30 AM ▾

**Problem**

# Sweet Alert for Appointment Confirmation



# Mail Confirmation for Appointment with Hospital name Doctor Name



# Patient Information

The screenshot shows a web browser window with the title 'HealthCareSystem'. The address bar shows 'localhost:4200/patient/profil'. The browser's taskbar at the bottom lists several open applications: Apps, Gmail, Maps, YouTube, Spring Initializr, Django Website: La..., Imp Servlet Resolve..., Kill 8080 process, Spring Data JPA - R..., PG-DAC FEB 20 - G..., and Inbox (88) - dewan... The web application has a dark blue header with the 'HealthCare' logo and navigation links: Home, Patient, Doctor, and Admin. On the right of the header, there is a user profile dropdown for 'Jayant' with options: Profile, Book Appointment, Prev Appointment, and Logout. The main content area is titled 'Patient Information' and displays a table with the following data:

Name	Jayant Basla
Email	dewangandeepmangal@gmail.com
Mobile	9907120113
DOB	1995-12-01
Address	Bilaspur
Pincode	495555

The Windows taskbar at the bottom shows the search bar with the text 'Type here to search', several application icons (including File Explorer, Chrome, VS Code, and Word), and system tray icons for network, volume, and battery. The system clock shows 'ENG 10:21 AM 01-Feb-21'.

# Doctor Today Appointment



HealthCare

[Home](#)

[Patient](#)

[Doctor](#)

[Admin](#)



Doctor ▾

## Today's Appointment

S.No	Patient Slot	Patient Disease	View Patient	Give description
1	10:00 AM	fever	<button>View Patient</button>	<button>Add Description</button>



# Doctor's Info



HealthCare

[Home](#)

[Patient](#)

[Doctor](#)

[Admin](#)



Doctor ▾

## Doctor Info

Name	Mangaldeep Dewangan
Email	mangalisone@gmail.com
Mobile	9907120113
Birthdat	01-12-1995
Hospital Name	NTPC Sipat Bilaspur Chhattisgarh
Department Name	Skincare
Hospital Name	Dhanvantari NTPC Township Sipta
City	Bilaspur
Address	NTPC Sipat Bilaspur Chhattisgarh



First Name \*



First name is required field

Last Name \*



Last name is required field

☐ Male ☐ Female

Date of Birth \*



Date of Birth is required field

Your Phone \*



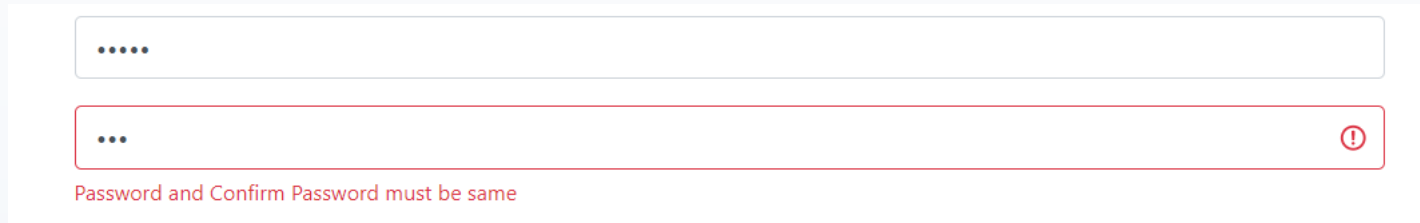
Phonenumber is required field

Password \*



Password is required field

The front End validation For every input It will not submit till every text box is filled with suitable value.



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... !

Password and Confirm Password must be same

Password and Confirm password should be same .

## All Appointments of

S.No	Appointment Date	Problem	View Doctor	View Description	Feedback Status	Fill Feedback
1	2021-01-31	Corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Not Filled	<a href="#">Fill Feedback</a>
2	2021-01-31	fever	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Not Filled	<a href="#">Fill Feedback</a>
3	2021-01-30	fever	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Not Filled	<a href="#">Fill Feedback</a>
4	2021-01-30	corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Not Filled	<a href="#">Fill Feedback</a>
5	2021-01-30	Corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Not Filled	<a href="#">Fill Feedback</a>
6	2021-01-31	Corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Filled	<a href="#">Feedback Filled</a>
7	2021-01-31	Corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Filled	<a href="#">Feedback Filled</a>
8	2021-02-01	Corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Filled	<a href="#">Feedback Filled</a>
9	2021-02-01	Corona	<a href="#">Get Doctor Info</a>	<a href="#">View Description</a>	Not Filled	<a href="#">Fill Feedback</a>

Patient can see All Appointment

## Dhanvantari NTPC Township Sipta

NTPC Sipat Bilaspur Chhattisgarh  
Bilaspur

<b>Patient Name</b>	Jayant Basla	<b>Patient Email</b>	dewangandeepmangal@gmail.com
<b>DOB</b>	1995-12-01	<b>Contact</b>	9907120113
<b>Address</b>	Bilaspur 495555		

### Problem

Corona

### Description

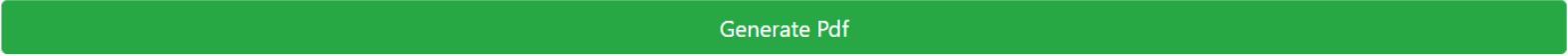
S.No	Medicine	Quantity	Dose
1	Paracetamol	10	2 Times A Day
2	Coronil	10	2 Times A Day

Patient can See All appointment Description

Generate Pdf

Patient can generate PDF of previous Appointment Description  
From previous slide.

Dhanvantari NTPC Township Sipta			
NTPC Sipat Bilaspur Chhattisgarh Bilaspur			
Patient Name	Jayant Basla	Patient Email	dewangandeepmangal@gmail.com
DOB	1995-12-01	Contact	9907120113
Address	Bilaspur 495555		
Problem			
Corona			
Description			
S.No	Medicine	Quantity	Dose
1	Paracetamol	10	2 Times A Day
2	Coronil	10	2 Times A Day
Doctor Info			
Doctor Name	Mangaldeep Dewangan		
Department	Skincare		
This is Official generated by Health Care System			



Generate Pdf

Patient can generate PDF of previous Appointment Description  
From one click

Generate Pdf

Admin can see All Hospitals  
All Doctor and There Review and Avg. Rating

Home Patient Doctor Admin



### All Hospital List

S.No	Hospital Name	City	Address	Rating	View Doctors	View Review
1	Dhanvantari NTPC Township Sipta	Bilaspur	NTPC Sipat Bilaspur Chhattisgarh	<a href="#">View Rating</a>	<a href="#">View Doctors</a>	<a href="#">View Review</a>
2	Appolo Hospital Bilaspur	Bilaspur	Appolo Bilaspur	<a href="#">View Rating</a>	<a href="#">View Doctors</a>	<a href="#">View Review</a>



Generate Pdf

Admin can see All Hospitals  
All Doctor and There Review and Avg. Rating

#### All Review of

S.No.	Reviews
1	io
2	Nice Hospital
3	Nice
4	Good
5	Ok
6	Nice Hospital
7	Good Hospital

Generate Pdf

Admin can see All Hospitals  
All Doctor and There Review and Avg. Rating



Avg Rating of Dhanvantari  
NTPC Township Sipta

4.1429 ★

OK

# Technologies

**Front-End :** Angular 10, Bootstrap ,Ngx Bootstrap

**Back-End :** Spring Boot Rest Api

**Database :** MySql

# Conclusion

Government HealthCare System improves the current government hospital monitoring process and by observing the patients feedback they can improve the government medical service and patient also can schedule their appointments online.

# References

- <https://spring.io/projects/spring-boot>
- <https://angular.io>
- <https://dev.mysql.com/doc/>
- <https://www.techiediaries.com/angular-bootstrap/>
- <https://springframework.guru/spring-framework-annotations/>



**Thank You**