

DAYANANDA SAGAR COLLEGE OF ENGINEERING
COMPUTER SCIENCE & ENGINEERING

Minor Project- Report
Aug-2020-2021

Course Faculty: Prof Shilpa
Semester: 6

CourseName&code::Mini Project [18CSDCMIP]
Date:24-07-2021

TITLE OF THE PROJECT	Hospital Bed Booking Portal			
STUDENT NAME	Rushang Sunil	Sai Krishna Mahankali	Shefali Agarwal	Shikari Ratan Prakash
USN	1DS18CS108	1DS18CS110	1DS18CS117	1DS18CS118
INDIVIDUAL CONTRIBUTION	Backend Designing Bed portal design, ppt	Frontend Designing ,report ,ppt	Frontend Designing Ui design ,report	Backend Designing, Hosting of website, report
GUIDE	Prof. Shilpa			
PROJECT ABSTRACT:	Our project was designed looking at today's situation, the coronavirus19 . This virus has increased the bed consumption in the country. Today many people are dying because they don't get a bed. There are people who don't care about other people and book a lot of beds, and sell them at a higher price. Our project allows people to book beds. This will eliminate a lot of things like waiting time for beds, black marketing of beds, and it makes it accessible to the common man and saves lives of people who die due to the lack of a bed.			
PLATFORM USED (H/W & S/W TOOLS USED)	HTML5, CSS, Django, Python 3.8, SQLite3			

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INTRODUCTION

This project was designed to implement transparency between the patient and the hospitals .

Since we don't have this transparency many people take advantage of this ,and use it for their profit .

Our project removes this and helps the user not to be dependent on these types of people .

This website also helps people who want to help our warriors. The payment gateway enables the user to pay /donate using UPI. This website also allows users to check information on how to protect themselves in this situation .

DESIGN {SYSTEM DESIGN DIAGRAM}

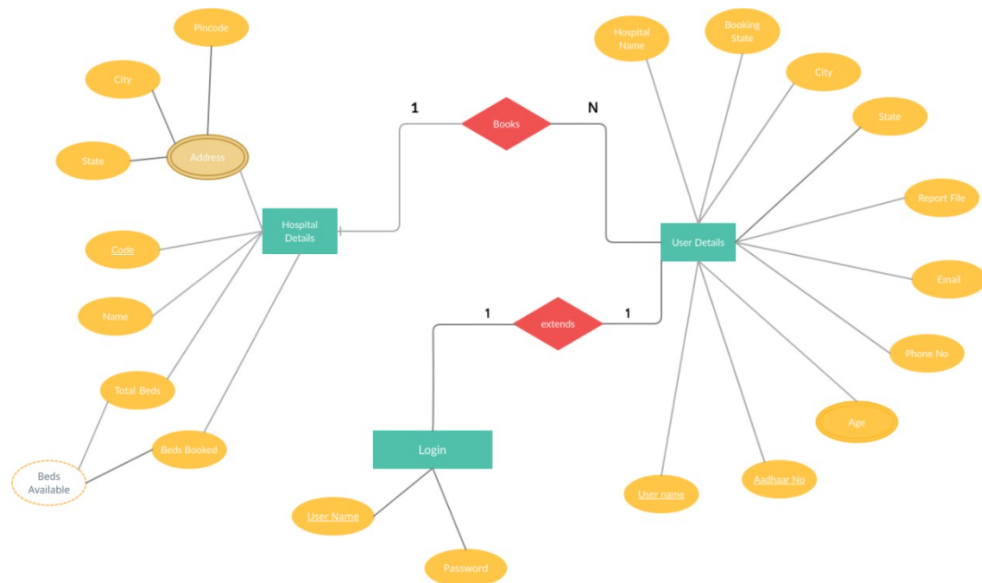


Fig 1:Database relations

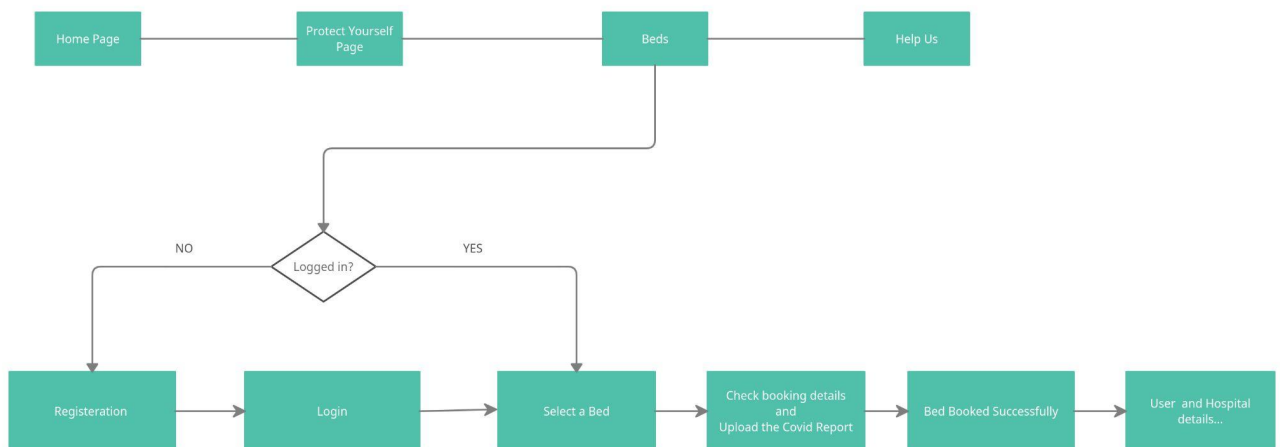


Fig 2:Workflow diagram

PROJECT SOURCE
CODE LINK
(GITHUB/ GOOGLE
DRIVE)

<https://github.com/ratanshikhari/Covid19-Hospital-Bed-Booking-Portal.git>

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<p>CONCLUSION /FUTURE ENHANCEMENT</p>	<p>In future we can ask the user to upload his covid positive report while registration ,and use this to count the number of people who are positive . We can also add a field that only lets you book a bed when you upload the secret key the doctor gives only when the doctor asks the user to get the bed .</p> <p>We will also make a front end for the hospitals so that they can update their bed information status.</p>
<p>UI SCREENSHOTS OF SAMPLE RESULTS</p>	<div data-bbox="251 504 1490 1123"> </div> <p style="text-align: center;">Fig Home Page</p> <div data-bbox="251 1270 1490 1564"> </div> <p style="text-align: center;">Fig LoginPage</p>

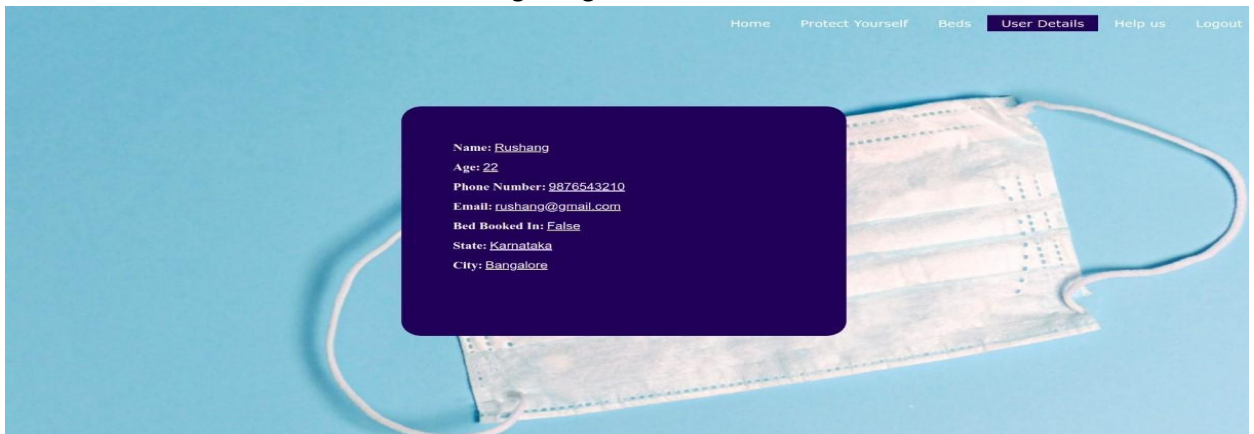
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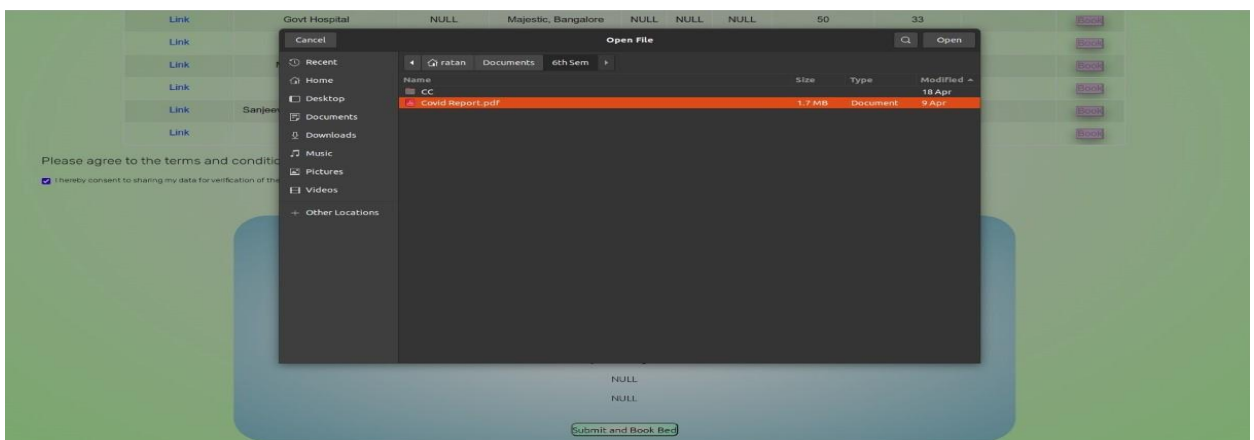
A screenshot of a web application's registration form. The form is titled "Registration Form" and has a subtitle "Fill in your details". It contains input fields for Username, Age, Phone Number, Email, Aadhar No., Password, Confirm Password, State, and City. A "Submit" button is located at the bottom right of the form. The background of the page features a blue and white image of a virus particle.

Fig Registration Form



A screenshot of a web application's user details page. The page has a navigation bar with links: Home, Protect Yourself, Beds, User Details (highlighted), Help us, and Logout. The main content area displays a white box with the following user details: Name: Rushang, Age: 22, Phone Number: 9876543210, Email: rushang@gmail.com, Bed Booked In: False, State: Karnataka, and City: Bangalore. The background of the page features a blue and white image of a virus particle.

Fig User Details Page



A screenshot of a web application's interface for uploading a Covid positive report. The page shows a table with columns: Name, Size, Type, and Modified. The table contains one row with the file "Covid Report.pdf" (1.7 MB, Document, 9 Apr). Below the table, there is a "Submit and Book Bed" button. The background of the page features a green and white image of a virus particle.

Fig Covid Positive report upload

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Django administration

Home Hospitaldetail Hospital details Hospital name:Govt Hospital Address:Hno 1355, 15th Cross Road, 1st Stage Kumarswamy Layout, Kumarswamy Layout, Bangalore Beds available = 17

WELCOME ADMIN VIEW SITE / CHANGE PASSWORD / LOG OUT

Authentication and Authorization

Groups + Add

Users + Add

HOSPITALDETAIL

Hospital details + Add

LOGINPAGE

Extendedusers + Add

Sign ups + Add

Change hospital details

Hospital name:Govt Hospital Address:Hno 1355, 15th Cross Road, 1st Stage Kumarswamy Layout, Kumarswamy Layout, Bangalore Beds available = 17

HName: Govt Hospital

HCode: 1542

HAddress: Hno 1355, 15th Cross Road, 1st Stage Kumar

HState: Karnataka

HCity: Bangalore

HPincode: 560078

HTotalNumBed: 50

HBedBooked: 33

HLocation: Currently: https://goo.gl/maps/7NwXqB7WdyAdqY8 Change: https://goo.gl/maps/7NwXqB7WdyAdqY8

Delete

Save and add another

Save and continue editing

SAVE

Fig Data storage in database

Home Protect Yourself Beds User Details Help us Logout

WELCOME

Please go through the list of available beds and the locations. Click on the map link to navigate to the location.

Hospital Location	Hospital Name	Hospital Code	Address	State	City	Pincode	Number of Beds	Beds Booked	Beds Available	Book Bed
Link	Govt Hospital	NULL	Majestic, Bangalore	NULL	NULL	NULL	50	33		Book
Link	Sagar Hospital	NULL	KS Layout, Bangalore	NULL	NULL	NULL	60	28		Book
Link	Manipal Hospital	NULL	HSR Layout, Bangalore	NULL	NULL	NULL	100	68		Book
Link	City Hospital	NULL	JP Nagar	NULL	NULL	NULL	150	141		Book
Link	Sanjeevani Ayurvedic Hospital	NULL	Whitefield, Bangalore	NULL	NULL	NULL	60	13		Book
Link	ABC	NULL	Bloer	NULL	NULL	NULL	50	3		Book

Please agree to the terms and conditions:

☐ I hereby consent to sharing my data for verification of the authenticity of my COVID-19 report.I solemnly state that I will not upload falsified reports or other documents which may delay others valuable healthcare.

Fig Hospital Selection



Fig Donations Page

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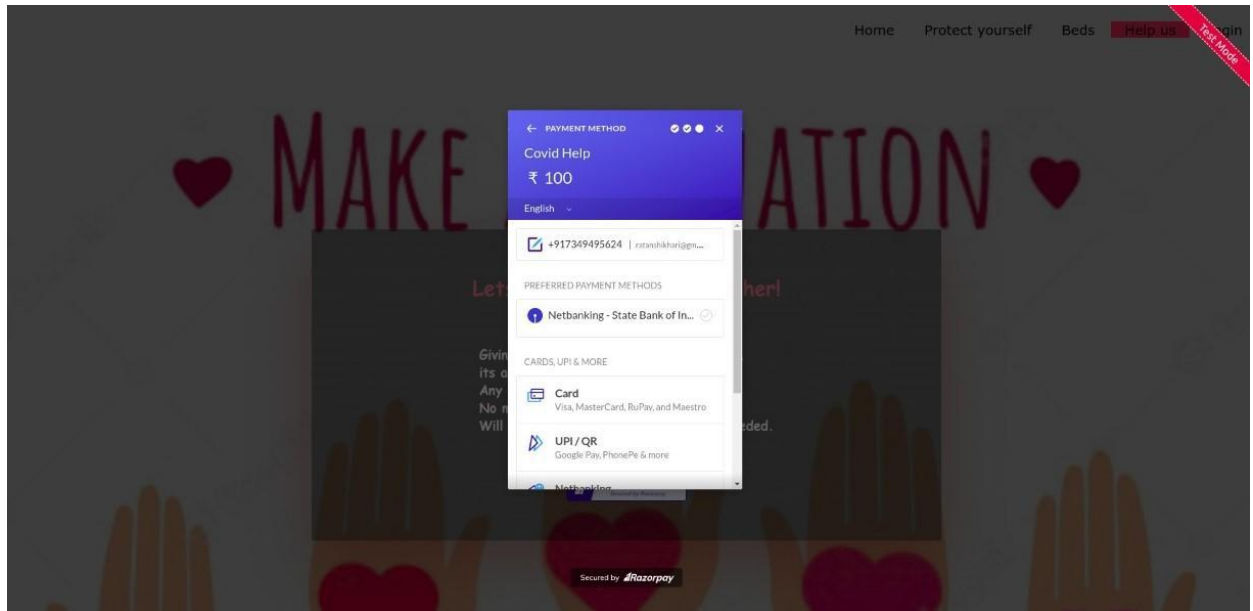


Fig Payments Page

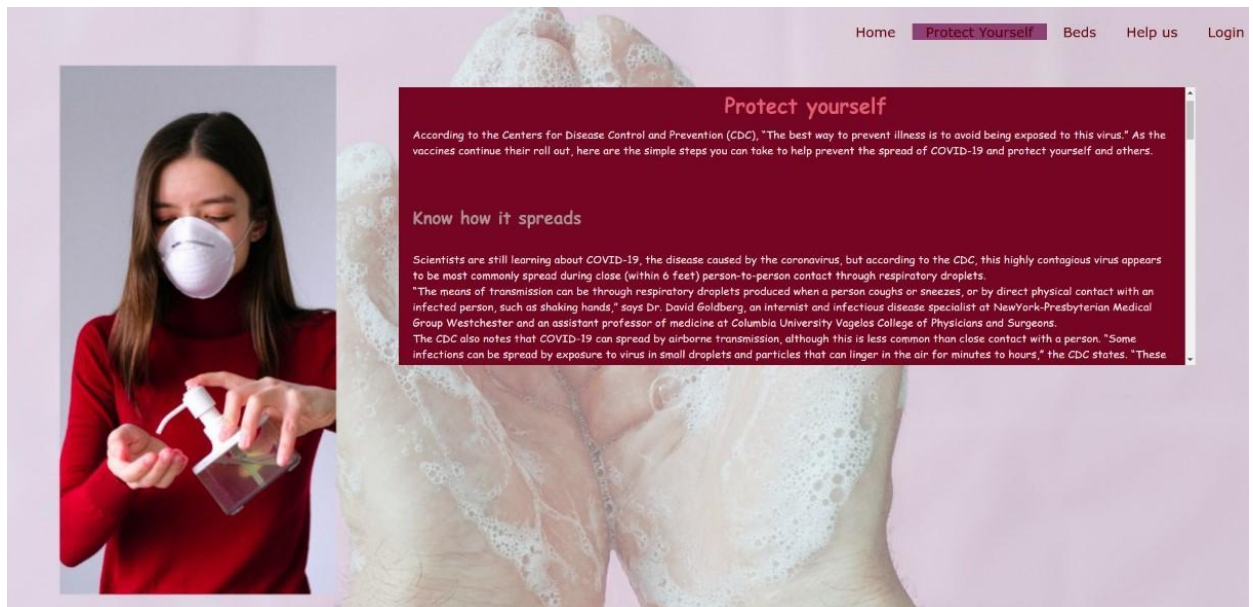


Fig Protect yourself page

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Reference	<ul style="list-style-type: none">• https://www.geeksforgeeks.org/• https://stackoverflow.com/• https://youtube.com/playlist?list=PL6gx4Cwl9DGBImzzFcLgDhKTTfNLfX1IK• https://docs.djangoproject.com/en/3.2/
REFER ENES	