

CovidCare - Commodity Distribution & Billing System - CoVID-19 [\(LIVE\)](#) [\(GITHUB\)](#)

Summary

Let's consider any pandemic which spreads due to crowd/public gatherings, say CoVID-19. Main issue that I observed behind the spreading of CoVID was public gatherings and crowds. Now the question behind why people were moving outside their houses is the sole reason why this project comes into picture. So during the lockdown period even my father used to step out just for one reason, purchasing of necessary goods be it groceries, stationary, medicines etc. And I believe most of the people stepped out because of the same reason. And there were some places marked as Hot areas where no one was allowed to step out in any circumstances other than in very urgent situations which led the local shopkeeper to incur heavy losses. So what if there is someone assigned to each area with just one task. Purchase from local shops in that area at a fixed rate (decided by the Government) and provide citizens in that area with the goods they need. Now this resolves three issues,

- Saves local shopkeepers from incurring heavy losses they suffer in lockdown.
- Prevent people from stepping outside their homes for the goods they need.
- Promote digital payment as the platform will contain an option to pay online for the goods .

Workflow

What does a local citizen see ?

Suppose let's talk about local citizen, once a citizen goes to the platform he won't have to login but he just has to fill a basic form that asks citizens name, address, contact number, email ID and the goods he needs. Once he fills the form the order will be sent to the certified seller in that area assigned by the state government. If there is no certificate seller assigned to that area a request will be sent to the government requesting to assign a certified seller to that area.

The screenshot shows a web browser window with the URL `dunes-covid-care.herokuapp.com/citizen_index`. The page has a dark header with the 'CovidCare' logo and navigation links: Home, About, Login, and Your Portal. The main content area features a 'Place Order' form with the following fields: Username, Email, Ph no, Address, Area, and Order List. A green text hint '[format: Rice Wheat etc]' is visible below the Order List field. A 'Submit' button is located at the bottom of the form. The footer contains three sections: 'COVIDCARE' with the text 'This is my first website which uses', 'USEFUL LINKS' with a link to 'Corona Virus Tracker', and 'CONTACT' with a link to 'KIIT University'.

Place Order

Username

Email

Ph no

Address

Area

Order List

[format: Rice Wheat etc]

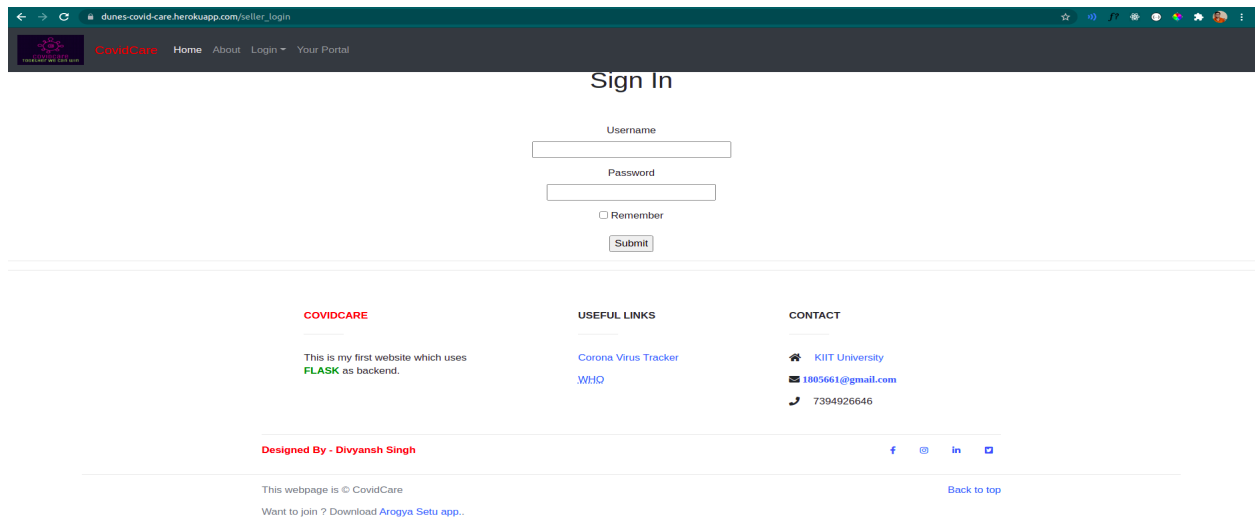
COVIDCARE
This is my first website which uses

USEFUL LINKS
[Corona Virus Tracker](#)

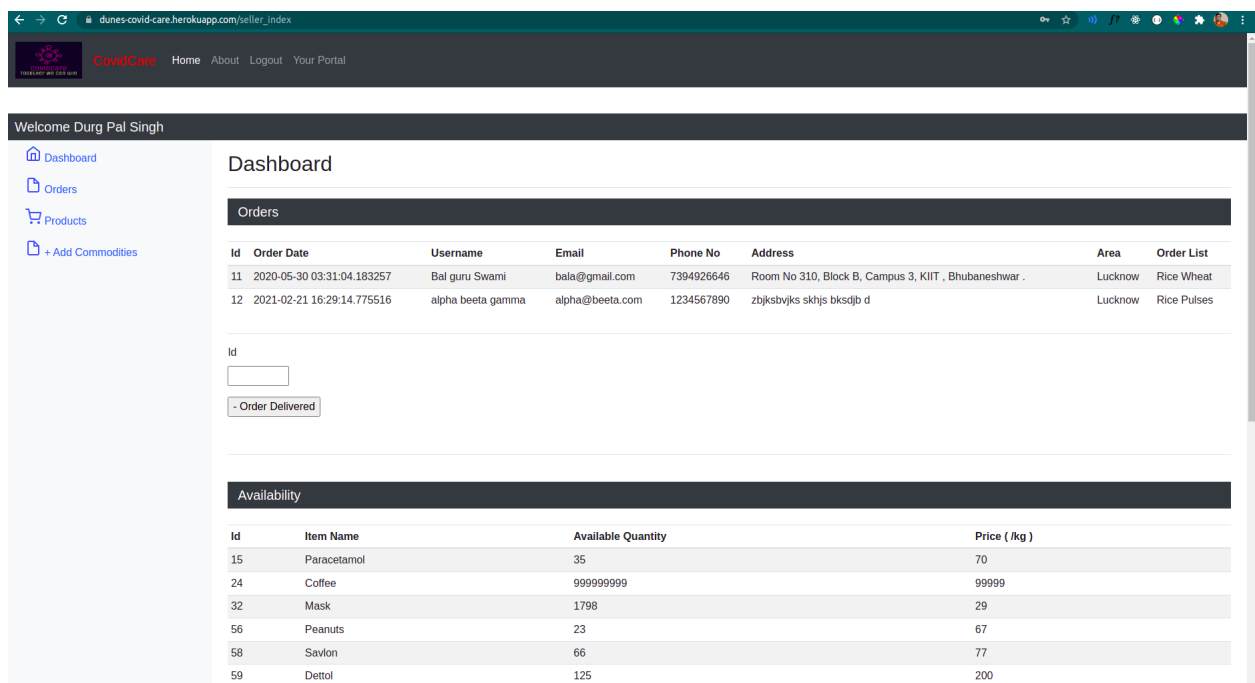
CONTACT
[KIIT University](#)

What does a certified seller see ?

Now once an order is placed the certified seller in that area can go to his dashboard and see the orders that he has received he can then either accept the order or reject based on the goods he currently have which he purchased from the local shops in that area at a fixed rate mentioned by the state government.



The screenshot shows the 'Sign In' page of the CovidCare application. The page has a dark header with the CovidCare logo and navigation links: Home, About, Login, and Your Portal. The main content area is white and contains a sign-in form with fields for Username and Password, a 'Remember' checkbox, and a 'Submit' button. Below the form, there is a footer section with three columns: 'COVIDCARE' (with a description: 'This is my first website which uses FLASK as backend.'), 'USEFUL LINKS' (with links to 'Corona Virus Tracker' and 'WHO'), and 'CONTACT' (with contact information for KIIT University, email '1805661@gmail.com', and phone '7394926646'). At the bottom, it says 'Designed By - Divyansh Singh' and 'This webpage is © CovidCare. Want to join ? Download Arogya Setu app.' with a 'Back to top' link.



The screenshot shows the 'Dashboard' of a seller named Durg Pal Singh. The dashboard has a dark header with the CovidCare logo and navigation links: Home, About, Logout, and Your Portal. The main content area is white and contains a sidebar with links: Dashboard, Orders, Products, and + Add Commodities. The main content area is divided into two sections: 'Orders' and 'Availability'.

Orders

Id	Order Date	Username	Email	Phone No	Address	Area	Order List
11	2020-05-30 03:31:04.183257	Bai guru Swami	bala@gmail.com	7394926646	Room No 310, Block B, Campus 3, KIIT , Bhubaneswar ,	Lucknow	Rice Wheat
12	2021-02-21 16:29:14.775516	alpha beeta gamma	alpha@beeta.com	1234567890	zbjksbjyks skhjs bksdjb d	Lucknow	Rice Pulses

Id

Availability

Id	Item Name	Available Quantity	Price (/kg)
15	Paracetamol	35	70
24	Coffee	999999999	99999
32	Mask	1798	29
56	Peanuts	23	67
58	Savlon	66	77
59	Dettol	125	200

← → ↻ dunes-covid-care.herokuapp.com/add_commodities

CovidCare Home About Logout Your Portal

Edit Info

Commodity Name

Amount in Kg

Price (/Kg)

+ Add

COVIDCARE

This is my first website which uses **FLASK** as backend.

USEFUL LINKS

[Corona Virus Tracker](#)

[WHO](#)

CONTACT

[KIIT University](#)

1805661@gmail.com

7394926646

Designed By - Divyansh Singh

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This webpage is © CovidCare

Want to join ? Download [Arogya Setu app..](#)

[Back to top](#)

What does the central government see ?

So when a central government official logs into his/her dashboard he/she has the authority To either keep a state government officer or remove him. Central government officers will also have the ability to view the orders history according to the area he searches for. He can also register a new certified seller or remove a pre-existing seller.

← → ↻ dunes-covid-care.herokuapp.com/gov_index

CovidCare Home About Logout Your Portal

Welcome Narendra Modi

Dashboard

All Sellers

All Gov Officers

+ Add Gov Officer

+ Add Seller

Dashboard

Seller's List

Id	Seller Name	Email	Password	Allocated Area
4	Durg Pal Singh	durgpalsingh8169@gmail.com	12345	Lucknow
5	Nitin Das	nitin@gmail.com	12345	Janakpur
6	Divyansh Singh	divyansh@gmail.com	12345	Roorkee
7	Shivansh Singh	shivansh@gmail.com	12345	Ranchi

Id


- Delete

Edit

Government Officer's List

Id	Officer Name	Email	Password
1	Narendra Modi	modi@gmail.com	12345
2	Ramnath Kovind	kovind@gmail.com	12345

All Commits



CovidCare

Home

About

Logout


Your Portal

Government Officer's List

Id	Officer Name	Email	Password
1	Narendra Modi	modi@gmail.com	12345
2	Ramnath Kovind	kovind@gmail.com	12345

All Commits

Id	Commit
1	Divyansh Singh placed an order : Rice Wheat Pulses Peanuts with total bill : 617
2	Durg Pal Singh confirmed an order : Rice Mask Peanuts on 2020-05-29 05:26:17.607364
3	Durg Pal Singh confirmed an order : Rice Wheat on 2020-05-29 14:18:11.608743
4	Durg Pal Singh confirmed an order : Rice Wheat on 2020-05-29 14:19:55.838020
5	Durg Pal Singh confirmed an order : Rice Wheat Mask on 2020-05-29 14:23:33.016563
6	Durg Pal Singh confirmed an order : Rice Wheat Pulses Peanuts on 2020-05-29 14:25:14.638461
7	Durg Pal Singh confirmed an order : Rice Wheat Pulses Peanuts on 2020-05-29 14:26:36.458521
8	Durg Pal Singh added 60 Kg of <input id="commodity_name" name="commodity_name" required type="text" value="Dettol"> and updated its price from 45 to 45
9	Durg Pal Singh added new commodity : 66 Kg of <input id="commodity_name" name="commodity_name" required type="text" value="Savlon"> with price : 77
10	Durg Pal Singh added 5 Kg of <input id="commodity_name" name="commodity_name" required type="text" value="Dettol"> and updated its price from 45 to 200
11	Durg Pal Singh added new commodity : 77 units of Corn with price : 29
12	Bal guru Swami placed an order : Rice Wheat with total bill : 510
13	Ashish placed an order : Rice Wheat Pulses with total bill : 550
14	Durg Pal Singh confirmed an order : Rice Wheat Pulses on 2020-06-02 14:45:09.229892
15	alpha beeta gamma placed an order : Rice Pulses with total bill : 540



CovidCare

Home

About

Logout

Your Portal

Register

Username

Email

Password

Repeat Password

Area

Please fill in this field.

Submit


COVIDCARE


This is my first website which uses
FLASK as backend.


USEFUL LINKS

[Corona Virus Tracker](#)
[WHQ](#)

CONTACT

 [KIIT University](#)

 1805661@gmail.com

 7394926646

Designed By - Divyansh Singh

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@

in

Features yet to be implemented.

- Currently there is no option where a central government officer or a state government officer can search any order based on order ID or the area.
- There is no email functionality such that once an order is confirmed an E-bill for the order to be sent to the customer.
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Future Scope

- Will move the frontend from HTML CSS to react JS and backend from flask to firebase.
- Integrated Razorpay payment portal in a demo project need to integrate the same here.