# PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP

# CONTAINMENT ZONE ALERTING APPLICATION A PROJECT REPORT

**Submitted by** 

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In partial fulfilment for the award of the degree

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20 NOV/DEC 2022

PROJECT REPORT

### CONTAINMENT ZONE ALERTING APPLICATION

### 1. INTRODUCTION

#### 1.1 PROJECT OVERVIEW

Currently there are several research works undergoing in the country to prevent Covid-19 cases from rising. Previously our country was importing medical kits like PPE (Personal Protection Kits), mask from outside, but now it has been successful in developing these kits. Along with taking initiatives to fight this disease, our country has also taken steps to make people aware of the disease. The news and media have a great part in creating this awareness by informing the public about the preventive measures that can keep them away from infection. Awareness among the people to carry out all the preventive measures can immensely help to reduce spread of the virus. The country has created containment zones throughout the cities wherever Covid-19 cases have been reported to prevent further spread of the virus. These containment zones have been kept isolated from the outside public to ensure no contamination occurs outside.

After more than 2 months of the lockdown, the government has relaxed some of the lockdown rules and has permitted reopening of government offices, bus and other road transportation facilities and shopping markets. People can move inside the city for work and other purposes. But the containment zones are still being kept isolated, and new containment zones are being formed wherever Covid-19 cases have been reported. These zones are highly contagious as droplets with virus coughed out from an unscreened asymptomatic patient can travel up to 8 m (Bahl et al. 2020). Though these containment zones are guarded by policemen, still there remains a chance that people might unknowingly step into them. In this situation where people can move in the city, these containment zones pose a risk of infection to these city dwellers. Therefore, informing people about the location of the containment zones can help them bypass and avoid these zones and thereby reduce the chance of community transmission.

### 1.2 PURPOSE

The Android application shows the location of the containment zones to the users. It also notifies the user when he or she trespasses the boundary of a containment zone or stays in the containment zones

### 2. LITERATURE SURVEY

### 2.1 Existing problem:

People doesn't have proper knowledge about containment zones since they do change daily and hard to keep updated and if they are not updated properly, they will lead to wide spread of disease.

#### 2.2 References:

#### PAPER 1

Development of An Android Application for Viewing Covid19 Containment Zones and Monitoring Violators.

Author:

Ranajoy Mallik

**Published:** 

May 11 2020

The World Health Organization has declared the outbreak of the novel corona virus, COVID-19 as pandemic across the world. With its alarming surge of affected cases throughout the world, lockdown and awareness (social distancing, use of masks etc) among people are found to be the only means for restricting the community transmission. In a densely populated country like India, it is very difficult to prevent the community transmission even during lockdown without social awareness and precautionary measures taken by the people. Recently, several containment zones had been identified throughout the country and divided into red, orange and green zones, respectively. The red zones indicate the infection hotspots, orange zones denote some infection and green zones indicate an area with no infection. This paper mainly focuses on development of an Android application which can inform people of the COVID-19 containment zones and prevent trespassing into these zones. This Android application updates the locations of the areas in a Google map which are identified to be the containment zones. The application also notifies the users if they have entered a containment zone and uploads the user's IMEI number to the online database. With this IMEI number, the police can keep an eye on the people who are frequently violating the lockdown rules. To achieve all these functionalities, many tools and APIs from Google like Firebase and Geofence are used in this app. Therefore, this application can be used as a tool for creating further social awareness about the arising need of precautionary measures to be taken by the people of India.

A real-time database is created in Google Cloud Firestore which contains all the data related to the containment zones like latitudes, longitude, radius and zone names. Cloud Firestore features a NoSQL, document-oriented database (Firebase Cloud Firestore). There are no tables or rows. Instead, the location data are stored in documents, which are organized into collections. All the containment zones are stored in a collection in which each containment zone is represented as an individual document. Each document has four fields namely "Lat", "Long", "location Name" and "radius" for storing latitudes, longitudes, location names and radius, respectively. The Cloud firestore is connected to the android application by registering the SHA-1 (Secure Hash Algorithm

1) certificate fingerprint of the application in the Firebase project settings. After the database is connected, the location data of the containment zones can be retrieved by the Android application and can be shown in Google map.

PAPER 2

Taking Location-based Notifications to the Next Level

**AUTHOR NAME:** 

Geofencing

**PUBLICATION YEAR:** 

May 6 2006

Sandro Rodriguez Garzon Bersant Deva The basic Android application that served as the prototype Geofencing client was used. This client is primarily responsible for carrying out the geofencing server's ongoing location update strategy. This must be accomplished with little energy consumption because the Geofencing client is located on a mobile device. We made the decision to employ the low energy Geofencing features of the Android operating system to keep an eye on the safety zone. As a result, a safety zone is considered as a single circular geofence with a required exit on the mobile device. However, they discovered that there was occasionally a significant lag time between leaving the safety zone and receiving a notification from the system about the leave. In order to address this issue, a specific amount of the safety zone's radius is decreased. While the safety zone and how it is implemented have a significant impact on overall energy consumption, it is also important to make the right choice when it comes to a placement mechanism. In order to reduce power consumption without compromising the necessary position precision, they used a device-based smart combination of various positioning mechanisms introduced by. By temporarily deactivating placement when a device is not in motion, the Geofencing client also makes use of cutting-edge mobile sensing capabilities integrated into the Android operating system's activity recognition unit. Mobile users who live close to a geo-border fence's will find this to be of particular utility. If the Geofencing server notifies the Geofencing client about a geonotice, the notification will appear right away.

#### PAPER 3

COVID-19 Mobile Apps: A Systematic Review of the Literature **Author:** 

Ido Zamberg

#### **Published:**

2020 Dec 9

The COVID-19 outbreak, which first emerged in China, has spread worldwide. On March 11, 2020, the World Health Organization (WHO) declared COVID-19 as a pandemic. The disease has disrupted global trade, employment, and travel, and many governments had to take strict measures to control the spread of the virus and minimize the burden of morbidity and mortality so that health care systems remain functional. In many countries around the world, citizens have been recommended to stay at home and practice social distancing for as long as possible as a primary measure of preventing the spread of COVID-19.

Although mobile apps are successfully used for managing chronic diseases, the ongoing COVID-19 pandemic has pushed the need for mobile app solutions at the forefront to reduce the risk of cross-contamination caused by close contact. Mobile technology has been leveraged in a number of ways to control the spread of COVID-19. Mobile apps are accessible, acceptable, and easily adopted, and have the ability to support social distancing efforts. As such, they have been widely developed and implemented during the previous months in an attempt to "flatten the curve" of the increasing number of COVID-19 cases, providing knowledge and information to civilians while attempting to relieve the pressure from health care systems.

Despite increasing reliance on mobile health (mHealth) solutions as part of COVID-19—related response plans, major knowledge gaps exist about their utility and efficacy during the current pandemic for both health professionals as well as for the general population. To this direction, this systematic review aims to shed light into studies found in the scientific literature on the use and evaluation of mobile apps for the prevention, management, treatment, or follow-up of COVID-19

### 2.3. Problem Statement Definition

### Problem Statement 1:



### 3. IDEATION & PROPOSED SOLUTION

S.NO	PARAMETER	DESCRIPTION
1	This application is intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individual's location. Key benefits of the application are monitoring people's activity and alerting them to their safety movements	In a densely populated country like India, it is very difficult to prevent the community transmission even during lockdown without social awareness and precautionary measures taken by the people. Recently, several containment zones had been identified throughout the country and divided into red, orange and green zones, respectively. The red zones indicate the infection hotspots, orange zones denote some infection and green zones indicate an area with no infection.
2	In a densely populated country like India, it is very difficult to prevent the community transmission even during lockdown without social awareness and	This Android application updates the locations of the areas in a Google map which are identified to be the containment zones. The application also notifies the

precautionary measures taken by the people. Recently, several containment zones had been identified throughout the country and divided into red, orange and green zones, respectively. The red zones indicate the infection hotspots, orange zones denote some infection and green zones indicate an area with no infection. users if they have entered a containment zone and uploads the user's IMEI number to the online database. To achieve all these functionalities, many tools, and APIs from Google like Firebase and Geofencing API are used in this application. Therefore, this application can be used as a tool for creating further social awareness about the arising need of precautionary measures to be taken by the people of India.

3

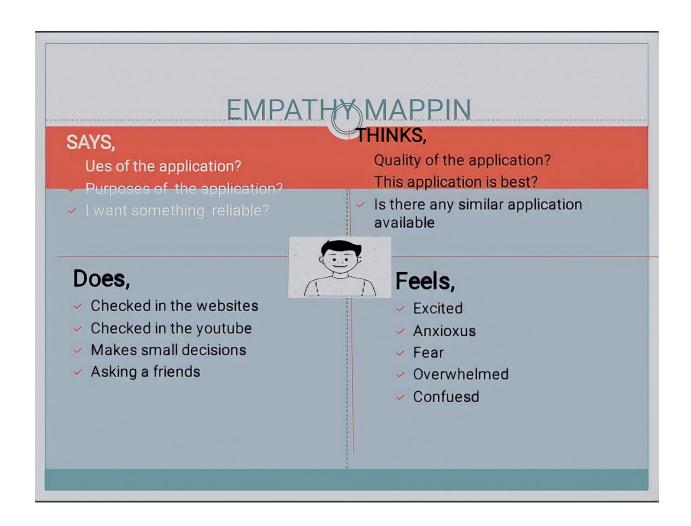
Our objective is to developing an android based application to identify the COVID-19 containment zone in India. We have used Geofencing and Firebase APIs (Application Program Interface) from Google as the base for development of this application.

Geofencing is a tool from Android which is used to create virtual boundaries or fences around geographical locations. The developers can add geofences at different locations by providing the latitudes and longitudes along with radius to highlight the proximity of the location. Geofencing technology senses the user's current location and checks whether that location belongs to the set of preidentified geofences. After creating the geofences, each geofence has the permission to get information from the location services of Google about entering, dwelling and exit events triggered by the users of the application when they enter or exit the geofence. Upon receiving a trigger event, the geofences can be programmed to notify the user about the information of the location they have

		entered or exited. These geofences can be useful in preventing its users from trespassing inside the targeted locations.
4	The Android application shows the location of the containment zones to the users. It also notifies the user when he or she trespasses the boundary of a containment zone or stays in the containment zones. All these functionalities are achieved by the help of Firebase and Geofencing tools from Google.	A real-time database is created in Google Cloud Firestore which contains all the data related to the containment zones like latitudes, longitude, radius and zone names. Cloud Firestore features a NoSQL, document-oriented database (Firebase Cloud Firestore). There are no tables or rows. Instead, the location data are stored in documents, which are organized into collections. All the containment zones are stored in a collection in which each containment zone is represented as an individual document. Each document has four fields namely "Lat", "Long", "location Name" and "radius" for storing latitudes, longitudes, location names andradius, respectively.

### 3.1 Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes. It is a useful tool to helps teams better understand their users. Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges



### 3.2Ideation & Brainstorming



### Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- (9 10 minutes to prepare
- 1 hour to collaborate
- 2-8 people recommended

### 0

### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

- () 10 minutes
- Team gathering
  Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal
   Think about the problem you'll be focusing on solving in the brainstorming session.
- C Learn how to use the facilitation tools.
  Use the Facilitation Superpowers to run a happy and productive session.





### Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

₫ 5 minutes

There is a pandemic situation due to COVID-19. It's a viral infectious disease so people should maintain social distance. In order to maintain social distance our application provides a strategy to avoid direct contact with each other



Key rules of brainstorming

Stay in topic. Encourage wild ideas.

- Defer judgment.

Go for volume. 

Mr possible, be visual.

Share template feedback





### Brainstorm

Write down any ideas that come to mind that address your problem statement.

() 10 minutes

### ATCHAYA S



OTP generation to verify the user User login for further updates

ADMIN Login Collecting the containment one by WHC Update containment zone using GIS

User verify the place which he has to visit Sends niert SMS whether it is a containment sone

### PRIYADHARSHINI G

Containment zones are stored in database Containme zones are differentiate by three colours

USER Log

User location updated to database Location parameteers are verified and updated

Locatio verific manua

Sends aler message on if it is containmen zone

### JENITHA C



Should enter the place for further information

Gets an alert voice note whether it's a containment cone or not

Admin login by user id and password Update the containmen zones variate the zones by different symbols

The information charge in the delucions admiupidates hispanity uses

### KOWSALYA T



Local dishorities ordinate the outliness details the outliness details the outliness and send and amount at the business.

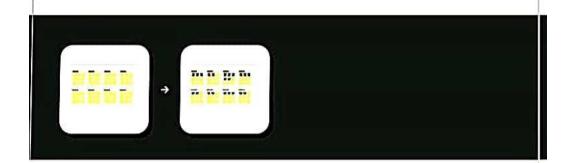
Admin update the containment across with the details provide by the local authorities.

By providing his location,the user search for a place where he she wants to go. The user location was monitored by the admir.

of the secretari photo words in the monatorial torse. The short secretari to the sec.

Portion of the com-

Now, the admir. ands on siers to ocal euthorises about slegal entry.





#### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

① 20 minutes

### **USER LOGIN**









#### VERIFYING LOCATION







### **COLLECTING DETAILS**









### SENDING ALERT









### DIFFERENTIATING ZONES





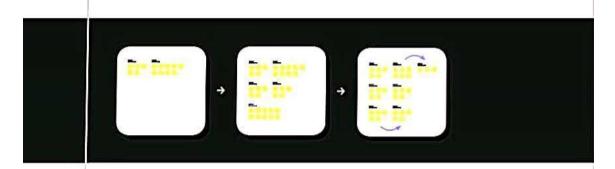


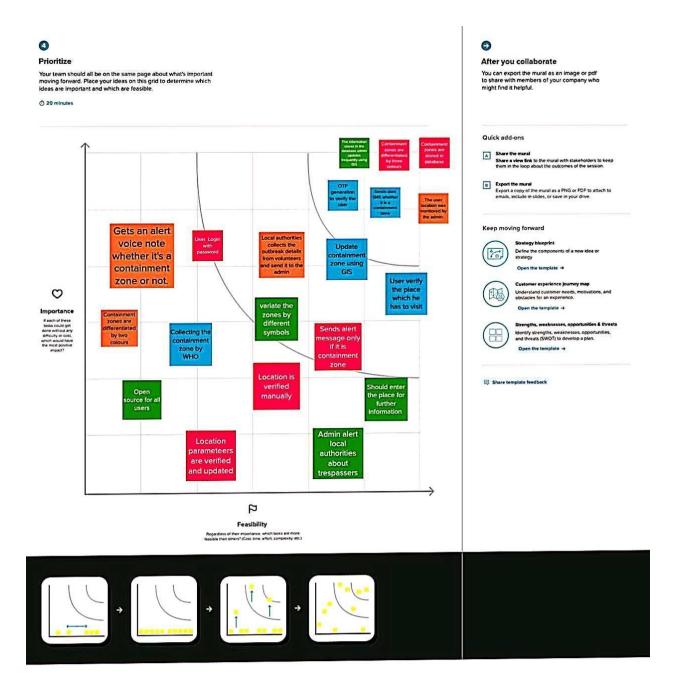
### UPDATING ZONES



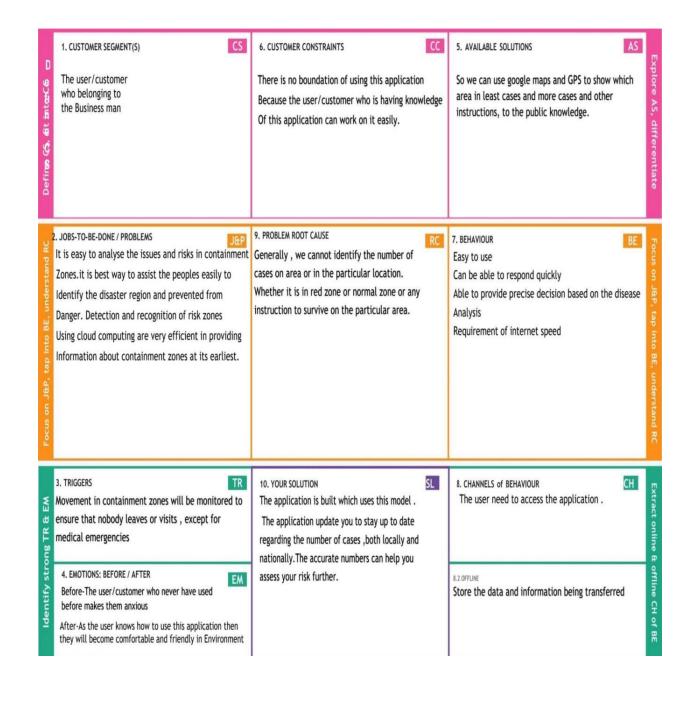








### 3.4 Problem Solution fit



### **4.REQUIREMENT ANALYSIS**

### 4.1 Functional requirement

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement	Sub Requirement (Story /
	(Epic)	Sub-
		Task)
FR-1	User Registration	Registration through Gmail.
		Registration through mobile
		number.
FR-2	User Confirmation	Confirmation via Email.
		Confirmation via OTP.
FR-3	Authentication	It checking the confirmation
		of the password.
FR-4	Business rule	For subscriber's we give first
		3 day's free trail. For
		unsubscriber's the user needs
		to watch some advertisement
		for knowing the zone alert for
		first 3 day's. FR No. FR No.

### 4.2 Non-Functional requirements

Following are the non-functional requirements of the proposed solution.

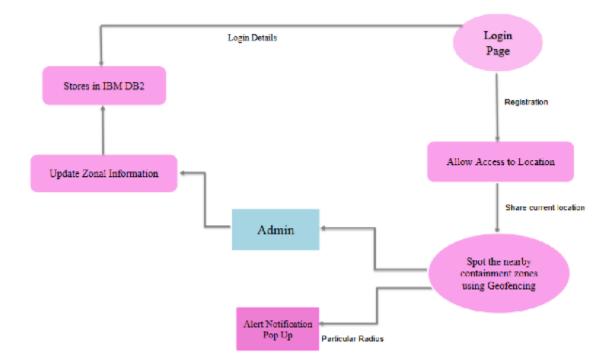
FR.NO.	Non-Functional Requirement	Description
NFR-1	Usability	Providing recommendation link by using
		customer preference
NFR-2	Security	The software team will issue some strong
		security code for the user's.
NFR-3	Reliability	The database update process must rollback
		all related updates when any update fails.
NFR-4	Performance	The loading speed of the server is quick
		and fast.

### **5.PROJECT DESIGN**

### **5.1.Data Flow Diagrams**

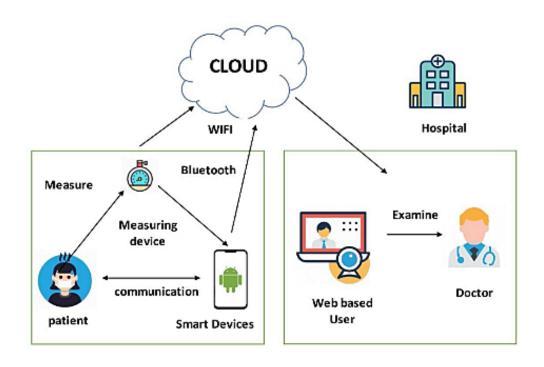
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

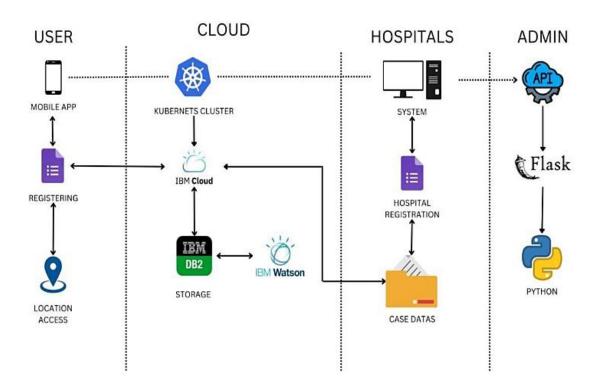
### Data Flow Diagrams:



## **5.2.SOLUTION ARCHITECURE:** Welcome screen and message screen Data snapshot from Statistics data from RESTful API firebase for new data OR data snapshot from cache Containment Zones shown on a Google map and Covid 19 statistics on a bottom sheets Closest 100 containment Zones to the user as set with Geo fences If the user has travelled to a distant location, geo fences need to be updated User receives notification on entering a containment zone

### **5.2 TECHNICAL ARCHITECTURE**





### **5.3 USER STORIES**

### **User Stories**

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)	Alert message via notification	USN-7	As a user, I can travel safely and get out ofthe infected zon		Medium	Sprint-3
Customer Care Executive						
Administrator	Login information	USN-1	The information received by administrator regarding login details from user is stored in DataBase.	I can store the information for future use	High	Sprint-4

### 6.PROJECT PLANNING & SCHEDULING

TITLE DATE	DESCRIPTION	DATE
Literature Survey &	Literature survey on the selected	19 SEP 2022
Information Gathering	project & gathering information by	
	referring the, technical papers, research	
	publications etc.	
Prepare Empathy Map	Prepare Empathy Map Canvas to capture	19 SEP 2022
	the user Pains & Gains,	
	Prepare list of problem statements	
Ideation	List the by organizing the	19 SEP 2022
	brainstorming session and prioritize the	
	top 3 ideas based on the	
	feasibility & importance.	

Product Backlog, Sprint Schedule, and Estimation (4 Marks)
Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
		USN-1	User: I can register for the application by entering my email, password and verifying password.	3	High	Thanga Anu Priya
	Registration	USN-2	User: I will receive a confirmation email once I have registered for the application.	2	High	Marimuthu
Sprint-1		USN-3	User: I can register for the application through Gmail.	5	Medium	Madhan Kumar
		USN-4	Management: I need to register my hospitals on the site.	2	High	karthikeyan
		USN-5	User: I can log into the application by entering my email & password	3	High	Thanga anu priya

Sprint	Functional	User	User Story / Task	Story Points	Priority	Team Members
			'			
			my Contacts, Location, and Storage			
	Dashboard	USN-7	User: I need to give permission to access	5	High	Madhan Kumar
	D 11 1	77027.5	77 7 10 1	-	TT: 1	
			and password.			
			dashboard with my given hospital id			
			, , ,			
	Login	USN-6	Management: I need to login into my	5	Medium	Marimuthu

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
		USN-8	User: I get access to the dashboard which shows a map with containment zones	5	High	Karthikeyan
Sprint-2		USN-9	Management: I need to enter the case information of the patient that visits our hospital.	5	High	Thanga Anu Priya
	Services	USN-10	Admin: I need to provide valid information about the pandemic out there.	5	High	Marimuthu

	Dashboard	USN-11	Management: I need to store all the patient information on the cloud.	5	High	Madhan Kumar
Sprint-3	Services	USN-12	Admin: I need to provide medical advice through a chatbot.	5	Medium	Karthikeyan
		USN-13	Admin: I need to provide medical recommendations by collaborating with top hospitals.	5	Low	Thanga Anu Priya
		USN-14	Admin: I need to provide preventive measures when they travel through it.	5	High	Marimuthu
	Registration	USN-15	User: I can register for the application through Facebook.	2	Low	Karthikeyan

		USN-16	User: I can register for the application through Twitter.	2	Low	Madhan Kumar
	Services	USN-17	Admin: I need to alert the user when they enter pandemic zones.	3	Medium	Thanga Anu Priya
Sprint-4		USN-18	Admin: I need to provide special services for premium users by giving services like monitoring health by their smart bands.	3	Low	Marimuthu
	Data Collection	USN-19	Admin: I need to store all the user information on the cloud	5	Medium	Madhan Kumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
		USN-20	Admin: I need to collect the recent	5	Low	Karthikeyan
			list of diseases in the world.			

### Project Tracker, Velocity & Burndown Chart: (4 Marks)

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

### Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

### **6.2. Sprint Delivery Schedule**

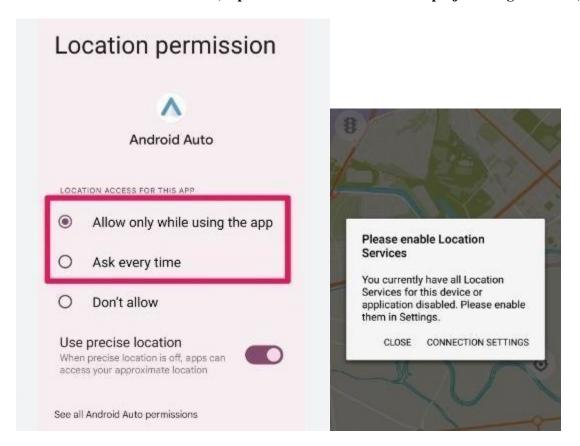
The main event during agile methodology is the sprint, the stage where ideas turn into innovation and valuable products come to life. On one hand, agile sprints can be highly effective and collaborative. At the same time, they can be chaotic and inefficient if they lack proper planning and guidance. And for this reason, making a sprint schedule is one of the most important things you can do to ensure that your efforts are successful. If you're looking to schedule your next sprint, you've come to the right place. Keep reading to learn everything you need to know about sprint scheduling, including some tips to drive the best results.

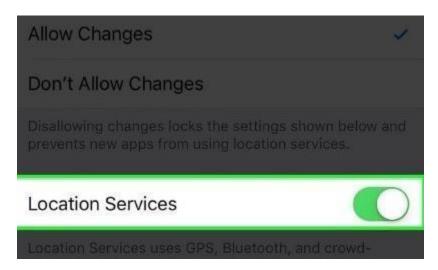
### **6.3 Reports from JIRA**

Jira applications can generate email notifications for various events that happen throughout the lifecycle of an issue, including custom events. Notifications are defined within a

notification scheme (see below), which associates particular events with particular email recipients. The notification scheme is then assigned to a particular project.

### 7.CODING & SOLUTIONING (Explain the features added in the project along with code)





### 7.1 Feature 1

- i. Sign-up verification by phone number. User registration contains name, age, home address, work address (optional).
- ii. User locations are tracked by explicit user choice and stored in local storage only. During tracking user is
- iii. User uploads locally stored tracked locations and home address after testing positive for COVID-19. These locations are stored in cloud storage. Note that, no other user information except the locations are accessible by other users. Nevertheless, in case of false information administrative measures can be taken to track down the culprit (not implemented yet).

### **7.2 Feature 2**

- i. The App queries the database storage of infected locations by locally stored locations and notifies the user immediately if a match is found. This background process runs once every hour.
- ii. Users can view and post queries or relief requests through a global news feed, similar to other social media platforms.
- ii. Relief request posts are anonymous and provide only a post author contact number, which was used for verification. Other users willing to help can contact him through the app using the phone number.

### 7.3 Database Schema

You can configure IBM® Data Server Manager (DSM) to generate alerts when specific performance issues arise on your connected Db2® database. You can select, and in some instances configure, these alerts, from the monitoring profile of a connected database. Areas that you can apply performance alerts to with DSM fall into two categories:

- i. excessive lock wait times
- ii. poorly performing statements

You activate the use of alerts by going to Settings > Monitoring Profiles, selecting a profile for editing (or creating a new profile), and then selecting the Alert Monitoring option.

By expanding the Performance list on the Alert Monitoring page, you can access all of the available alerts.

If applicable, you can configure the properties of specific alerts by rolling over the associated cell under the Action column and clicking the Configure link that appears. A pop-up box will open, allowing you to change the default values to those that better suit your requirements.

### 8.1 Test Cases

Infrastructure-as-a-Service (IaaS) delivers fundamental compute, network and storage resources to consumers on-demand, over the Internet and on a pay-as-you-go basis. Using cloud infrastructure on a paper-use scheme enables companies to save on the costs of acquiring, managing and maintaining their own IT infrastructure. Plus, the cloud is easily accessible. Most major cloud service providers — including Amazon Web Services (AWS), Google Cloud, IBM Cloud and Microsoft Azure — offer IaaS with their cloud computing services.

Platform-as-a-Service (PaaS) provides customers a complete cloud platform — hardware, software and infrastructure — for developing, running and managing applications without the cost, complexity and inflexibility of building and maintaining that platform on-premises. Organizations may turn to PaaS for the same reasons they look to IaaS; they want to increase the speed of development on a ready-to-use platform and deploy applications with a predictable and cost-effective pricing model.

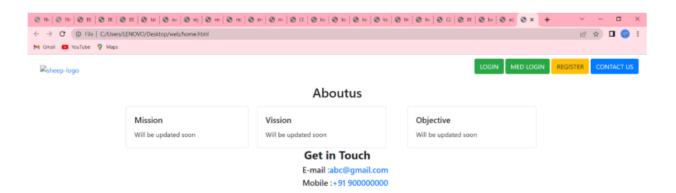
### 8.2 User Acceptance Testing

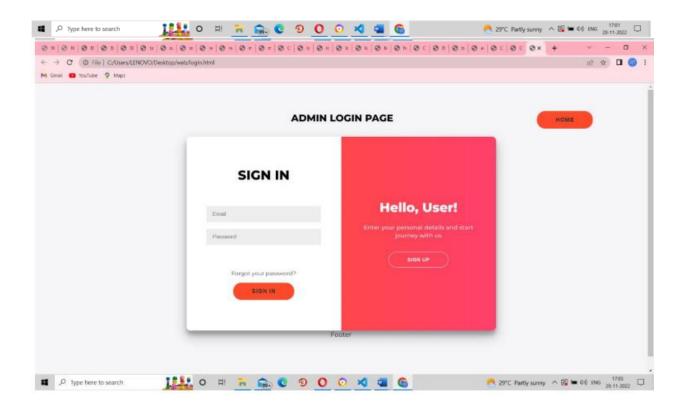
User Acceptance Testing (UAT) is a type of testing performed by the end user or the client to verify/accept the software system before moving the software application to the production environment. UAT is done in the final phase of testing after functional, integration and system testing is done.

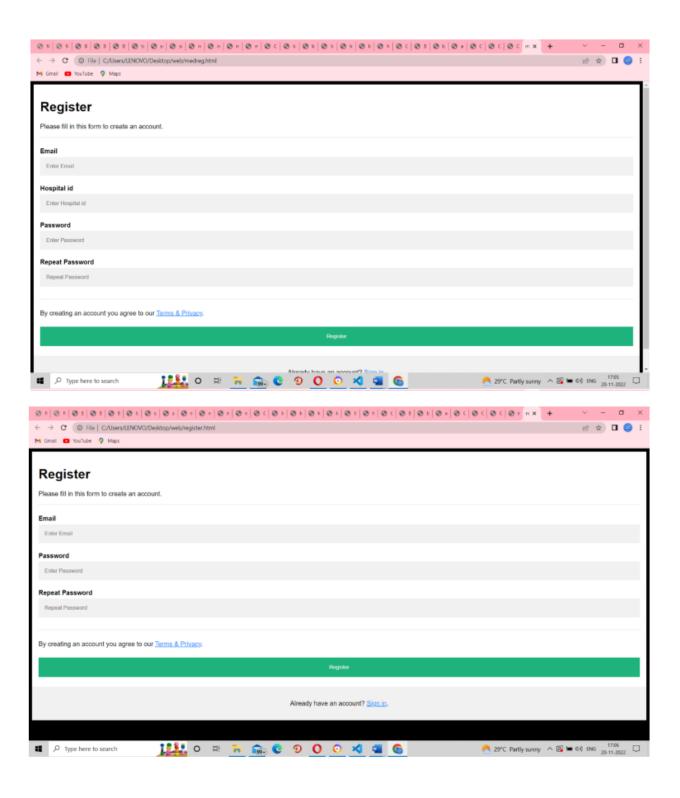
### 9.RESULTS:

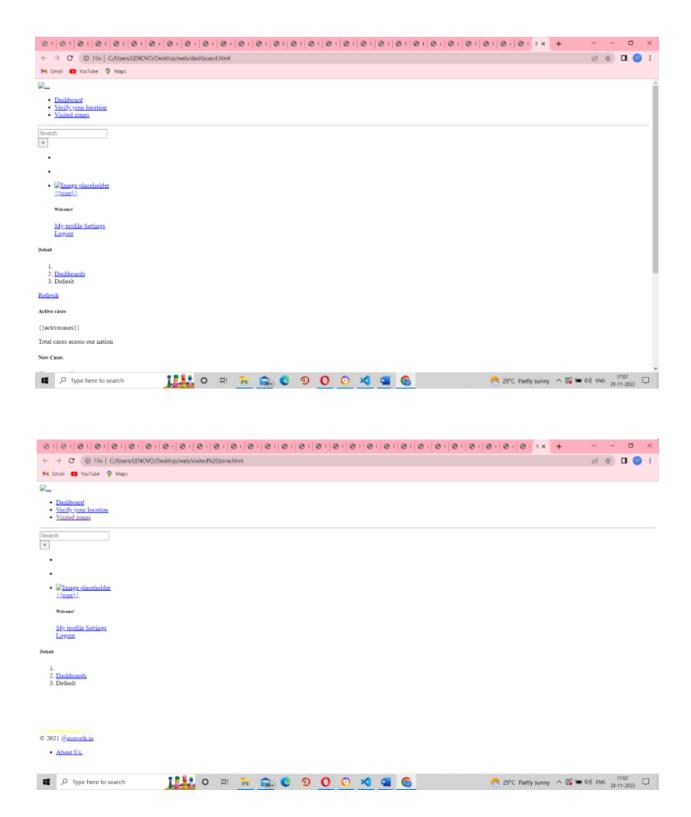
### **9.1 Performance Metrics:**

Tests have been carried out in various containment zones across West Bengal for the validation of the Android application. The identified containment zones chosen for the testing of the application were visited one by one. various containment zones identified for conducting the test, the date, time of entry, time of receiving the notification alerts upon entering. From it is highlighted that the application sends notification alerts within 5–8 seconds on entering.

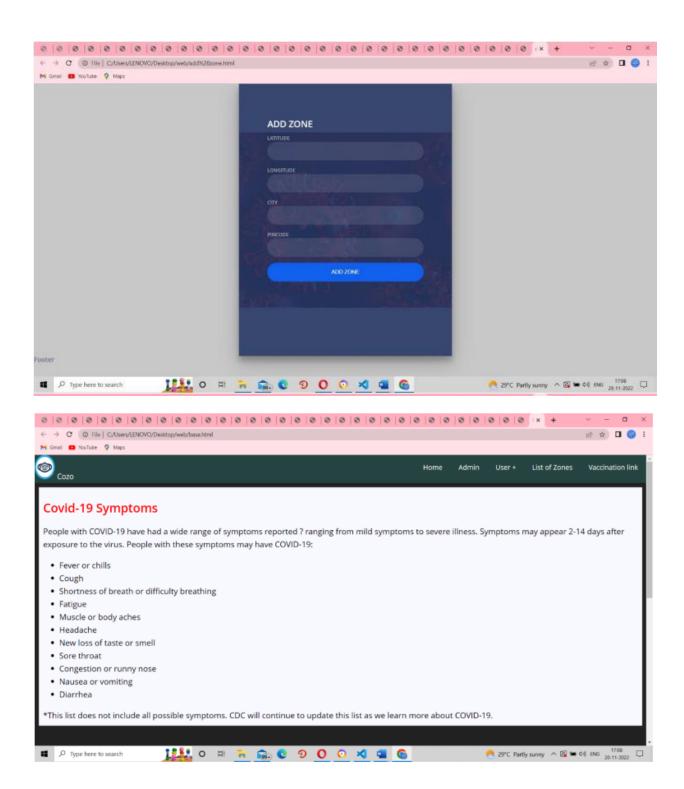


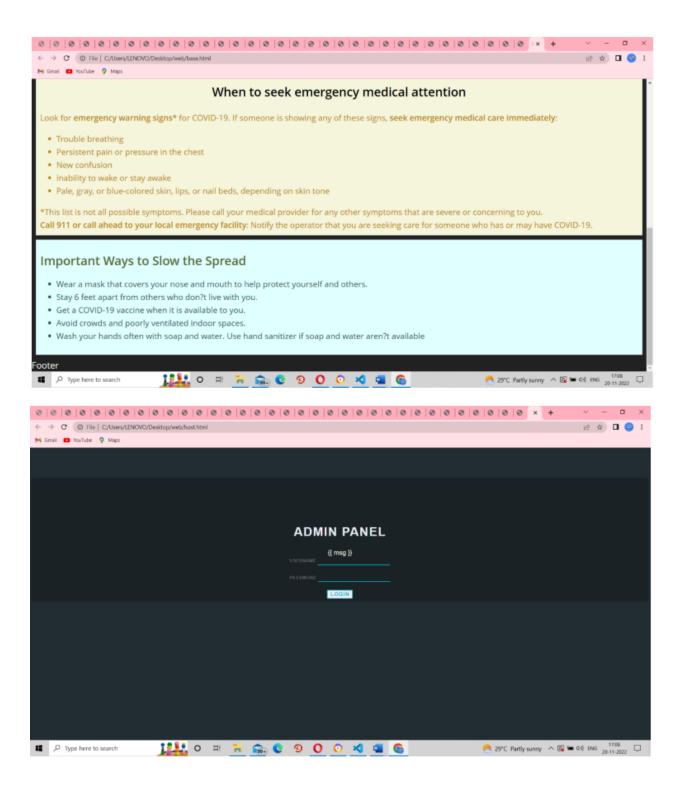


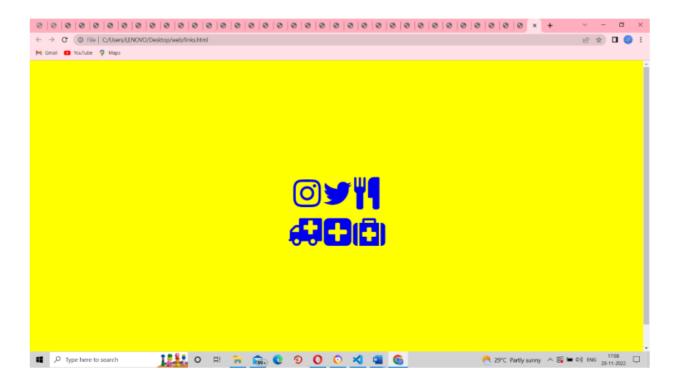


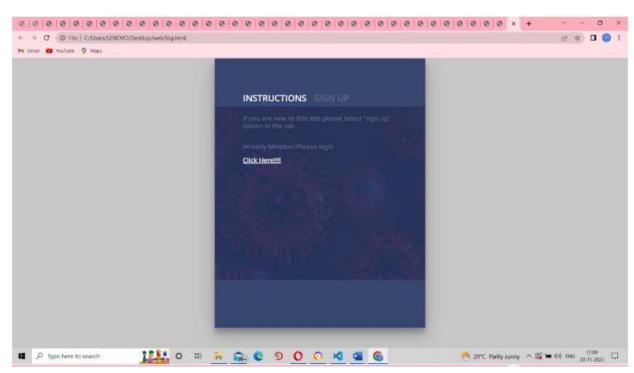


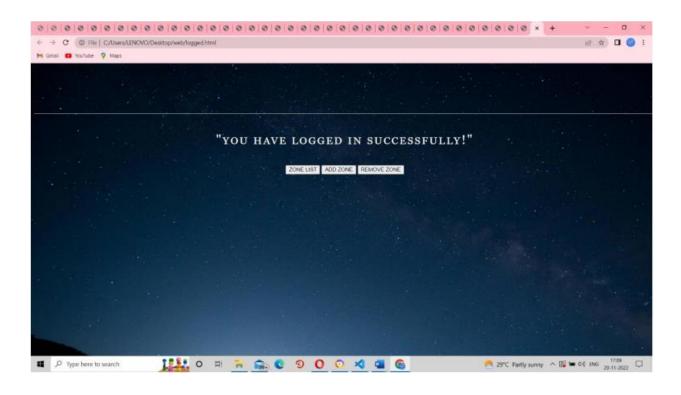


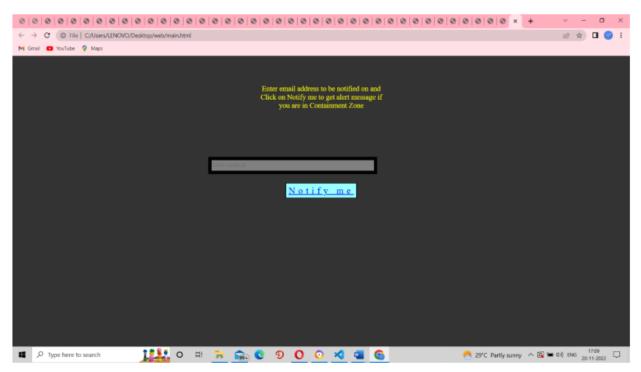


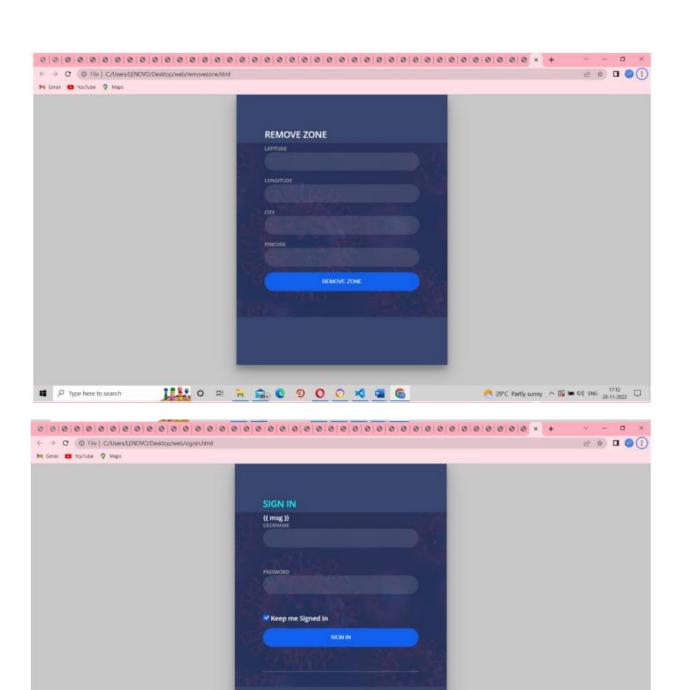






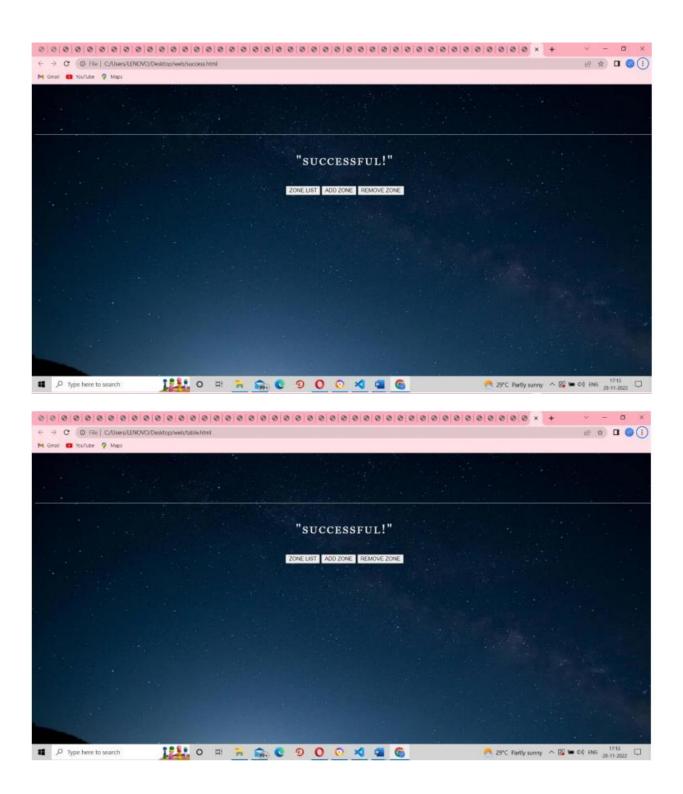






11 O H 7 G 0 9 0 0 X 4 G

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### 10. ADVANTAGES & DISADVANTAGES

### **ADVANTAGES**:

- People can be alerted before entering containment zone.
- Further spread of virus can be reduced considerably.

### **DISADVANTAGES:**

- Accuracy of application depends on the number of data given to the application
- Application's accuracy is directly proportional to the number of data given to the application
- about the infected patients.

### 11.CONCLUSION:

To achieve the golden balance between lock-down as well as keeping the industries / business running together it is recommended that the Data Science techniques such as K-means can be adapted to define the micro-level demarcation of containment zones and manage them effectively. The clusters formed based on COVID-19 patient's locational data using Data Science techniques (specifically K-means) will be agile, unbiased, accurate, visible, economic and easy to apply.

This application is intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individuals location. Key benefits of the application are monitoring peoples activity and alerting them to their safety movements.

### 12.FUTURE SCOPE

Although we tried to cover almost all of the aspects during our developmental phase, however we were forced to leave some aspects because of lack of time as well as monetary and other reasons. Just like in the field of software development where there are always some

shortcomings and room for improvement our application can be enhanced further:-

- 1) The application can include various government organization to help act faster.
- 2) The dataset obtained from the application can be used for predictive analysis to determine prone areas and include special method for tackling the problem in those areas.
- 3) Emergency signal in case of network failure and internet connection loss.
- 4) Tackling victim's movements.
- 5) Improved Google positioning system's precision.
- 6) The client part of application can be integrated in a single intelligent device.

For analysis purpose, we could use machine learning (ML) algorithms as well as data mining applications. There is a sub branch of machine learning known as time series analysis (TSA), which could be used to predict and analyze the data obtained through this application. Time series analysis is used to predict crop production as well as sales in different quarter.

### 13.APPENDIX

.login-html .sign-in-htm,

### Source code

```
add zone.html
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
body{
margin:0;
color:#6a6f8c;
background:#c8c8c8;
font:600 16px/18px 'Open Sans',sans-serif;
*.:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:";display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}
.login-wrap{
width:100%;
margin:auto;
max-width:525px;
min-height:670px;
position:relative;
background:url(https://cdn.shrm.org/image/upload/c_crop%2ch_617%2cw
_1099%2cx_0%2cy_0/c_fit%2cf_auto%2cq_auto%2cw_767/v1/Legal%20and%20Complian
ce/coronavirus4m_utz5jt?databtoa=eyIxNng5Ijp7IngiOjAsInkiOjAsIngyIjoxMDk5LC
J5MiI6NjE3LCJ3IjoxMDk5LCJoIjo2MTd9fQ%3d%3d) no-repeat center;
box-shadow:0 12px 15px 0 rgba(0,0,0,.24),0 17px 50px 0
rgba(0,0,0,.19);
.login-html{
width:100%;
height:100%;
position:absolute;
padding:90px 70px 50px 70px;
background:rgba(40,57,101,.9);
```

```
.login-html .sign-up-htm{
top:0;
left:0;
right:0;
bottom:0;
position:absolute;
transform:rotateY(180deg);
backface-visibility:hidden;
transition: all .4s linear;
.login-html .sign-in,
.login-html .sign-up,
.login-form .group .check{
display:none;
.login-html .tab,
.login-form .group .label,
.login-form .group .button{
text-transform:uppercase;
.login-html .tab{
font-size:22px;
margin-right:15px;
padding-bottom:5px;
margin:0 15px 10px 0;
display:inline-block;
border-bottom:2px solid transparent;
.login-html .sign-in:checked + .tab,
.login-html .sign-up:checked + .tab{
color:#fff;
border-color:#1161ee;
.login-form{
min-height:345px;
position:relative;
perspective:1000px;
transform-style:preserve-3d;
.login-form .group{
margin-bottom:15px;
.login-form .group .label,
.login-form .group .input,
.login-form .group .button{
width:100%;
color:#fff;
display:block;
```

```
.login-form .group .input,
.login-form .group .button{
border:none;
padding:15px 20px;
border-radius:25px;
background:rgba(255,255,255,.1);
.login-form .group input[data-type="password"]{
text-security:circle;
-webkit-text-security:circle;
.login-form .group .label{
color:#aaa;
font-size:12px;
.login-form .group .button{
background:#1161ee;
.login-form .group label .icon{
width:15px;
height:15px;
border-radius:2px;
position:relative;
display:inline-block;
background:rgba(255,255,255,.1);
.login-form .group label .icon:before,
.login-form .group label .icon:after{
content:";
width:10px;
height:2px;
background:#fff;
position:absolute;
transition: all .2s ease-in-out 0s;
.login-form .group label .icon:before{
left:3px;
width:5px;
bottom:6px;
transform:scale(0) rotate(0);
.login-form .group label .icon:after{
top:6px;
right:0;
transform:scale(0) rotate(0);
```

```
.login-form .group .check:checked + label{
color:#fff;
.login-form .group .check:checked + label .icon{
background:#1161ee;
.login-form .group .check:checked + label .icon:before{
transform:scale(1) rotate(45deg);
.login-form .group .check:checked + label .icon:after{
transform:scale(1) rotate(-45deg);
.login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .signin-htm{
transform:rotate(0);
.login-html .sign-up:checked + .tab + .login-form .sign-up-htm{
transform:rotate(0);
.hr{
height:2px;
margin:60px 0 50px 0;
background:rgba(255,255,255,.2);
.foot-lnk{
text-align:center;
</style>
<div class="login-wrap">
<div class="login-html">
<label for="tab-2" class="tab" style="color:white">ADD
ZONE</label>
<div class="login-form">
<form action="/addzone" method="post">
<div class="group">
<label for="latitude"
class="label">Latitude</label>
<input type="number"
step="0.01" name="latitude" class="input" id="latitude" required>
</div>
<div class="group">
<label for="longitude"</pre>
```

```
<input type="number"</pre>
step="0.01" name="longitude" class="input" id="longitude"required>
</div>
<div class="group">
< label for="city"
class="label">City</label>
<input type="text"</pre>
name="city" class="input" id="city" required>
</div>
<div class="group">
<label for="pincode"</pre>
class="label">Pincode</label>
<input type="number"
name="pincode" class="input" id="pincode" required>
</div>
<div class="group">
<input type="submit"
class="button" value="Add Zone">
</div>
</div>
</div>
</div>
</body>
</html>
base.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>CZAA| HOME</title>
<meta charset="UTF-8">
<!-- favicon -->
<!-- <li>k rel="shortcut icon" href="/assets/img/favicon.ico"
type="image/x-icon"> -->
<!-- <li>rel="icon" href="/assets/img/favicon.ico" type="image/xicon"> -->
link rel="icon" type="image/png" sizes="16x16"
href="/assets/img/favicon-32x32.png">
<!-- bootstrap css cdn -->
<link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.
css" integrity="sha384-
```

class="label">Longitude</label>

```
JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z"
crossorigin="anonymous">
<link rel="stylesheet"</pre>
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/fontawesome.css">
<!-- css stylesheet -->
<link rel="stylesheet" href="css/style.css">
<!-- font styles cdn -->
k rel="preconnect" href="https://fonts.gstatic.com">
link
href="https://fonts.googleapis.com/css2?family=Alegreya&display=swap"
rel="stylesheet">
link
href="https://fonts.googleapis.com/css2?family=Alegreya:wght@600&display=sw
ap" rel="stylesheet">
</head>
<body>
<!-- bootstrap navbar -->
<nav class="navbar sticky-top navbar-expand-lg navbar-dark">
<div class="container-fluid">
<a class="main-logo-img mt-3" href="#"><img
src="/static/img/smartinternz.png" alt="sheep-logo" height="50px"
width="180px">
<!-- <a class="navbar-brand"
href="index.html">JobPortal</a> -->
</a>
<div class="row donate-sponsor">
<a type="button" class="btn btn-success mr-1" id="donate"
href="login">LOGIN</a>
<a type="button" class="btn btn-success mr1" id="donate" href="login">MED LOGIN</a>
<a type="button" class="btn btn-warning mr-1" id="sponsor"
href="register">REGISTER</a>
<a type="button" class="btn btn-primary mr-1" id="sponsor"
href="contact.html">CONTACT US</a>
</div>
</div>
</nav>
<!-- navbar ends -->
<!-- what we focus on -->
<section class="our-focus">
<div class="container">
<h2 class="text-center mt-3">Aboutus</h2>
<div class="row ml-3 mt-3">
<div class="col-lg-3 mr-5" id="focus-first">
<div class="card" style="width: 19rem;">
<!-- <img src="assets/img/home kids.jpg" class="cardimg-top" alt="..."> -->
```

```
<div class="card-body">
<h5 class="card-title">Mission</h5>
 Will be updated soon 
</div>
</div>
</div>
<div class="col-lg-3 mr-5" id="focus-second">
<div class="card" style="width: 20rem;">
<!-- <img src="assets/img/friendship day.JPG"
class="card-img-top" alt="..."> -->
<div class="card-body">
<h5 class="card-title">Vission</h5>
 Will be updated soon 
</div>
</div>
</div>
<div class="col-lg-3 ml-5" id="focus-third">
<div class="card" style="width: 20rem;">
<!-- <img src="assets/img/health camp.jpg" class="cardimg-top" alt="..."> -->
<div class="card-body">
<h5 class="card-title">Objective</h5>
 Will be updated soon 
</div>
</div>
</div>
</div>
</div>
</section>
<footer>
<center>
<div class="col-xs-2 col-md-4">
<h3> <b> Get in Touch <b> </h3>
<h5> E-mail :<a
href="mailto:test@gmail.com">abc@gmail.com</a></h5>
<h5> Mobile :<a href="">+91 900000000</a></h5>
</div>
</center>
</footer>
</body>
</html>
```

## dashboard.html

```
<!DOCTYPE
html>
<html lang="en">
<head>
</head>
<body>
<style>
body {
background: #222D32;
font-family: 'Roboto', sans-serif;
.login-box {
margin-top: 75px;
height: auto;
background: #1A2226;
text-align: center;
box-shadow: 0 3px 6px rgba(0, 0, 0, 0.16), 0 3px 6px rgba(0, 0, 0,
0.23);
.login-key {
height: 100px;
font-size: 80px;
line-height: 100px;
background: -webkit-linear-gradient(#27EF9F, #0DB8DE);
-webkit-background-clip: text;
-webkit-text-fill-color: transparent;
.login-title {
margin-top: 15px;
text-align: center;
font-size: 30px;
letter-spacing: 2px;
margin-top: 15px;
font-weight: bold;
color: #ECF0F5;
.login-form {
margin-top: 25px;
text-align: center;
input[type=text] {
background-color: #1A2226;
border: none:
border-bottom: 2px solid #0DB8DE;
border-top: 0px;
```

```
border-radius: 0px;
font-weight: bold;
outline: 0;
margin-bottom: 20px;
padding-left: 0px;
color: #ECF0F5;
text-align: center;
input[type=password] {
background-color: #1A2226;
border: none;
border-bottom: 2px solid #0DB8DE;
border-top: 0px;
border-radius: 0px;
font-weight: bold;
outline: 0;
padding-left: 0px;
margin-bottom: 20px;
color: #ECF0F5;
.form-group {
margin-bottom: 40px;
outline: 0px;
.form-control:focus {
border-color: inherit;
-webkit-box-shadow: none;
box-shadow: none;
border-bottom: 2px solid #0DB8DE;
outline: 0;
background-color: #1A2226;
color: #ECF0F5;
input:focus {
outline: none;
box-shadow: 0 0 0;
label {
margin-bottom: 0px;
.form-control-label {
font-size: 10px;
color: #6C6C6C;
font-weight: bold;
letter-spacing: 1px;
```

```
.btn-outline-primary {
border-color: #0DB8DE;
color: #0DB8DE;
border-radius: 0px;
font-weight: bold;
letter-spacing: 1px;
box-shadow: 0 1px 3px rgba(0, 0, 0, 0.12), 0 1px 2px rgba(0, 0, 0,
0.24);
.btn-outline-primary:hover {
background-color: #0DB8DE;
right: 30px;
.login-btm {
float: center;
.login-button {
padding-right: 0px;
text-align: center;
margin-bottom: 25px;
.login-text {
text-align: center;
padding-left: 0px;
color: #A2A4A4;
.loginbttm {
padding: 0px;
</style>
<div class="container">
<div class="row">
<div class="col-lg-3 col-md-2"></div>
<div class="col-lg-6 col-md-8 login-box">
<div class="col-lg-12 login-key">
<i class="fa fa-key" aria-hidden="true"></i>
</div>
<div class="col-lg-12 login-title">
ADMIN PANEL
</div>
<div class="col-lg-12 login-form">
<div class="col-lg-12 login-form">
<form action="/host" method="post">
<div class="msg" style="color:white">{{ msg
```

```
}}</div>
<div class="group">
<label class="form-controllabel">USERNAME</label>
<input type="text" class="input"</pre>
name="uname" required>
</div>
<div class="group">
<lase="form-controllabel">PASSWORD</label>
<input type="password" class="input"</pre>
name="pwd" required>
</div>
<div class="col-lg-12 loginbttm">
<div class="col-lg-6 login-btm login-text">
<!-- Error Message -->
</div>
<div class="col-lg-6 login-btm loginbutton">
<button type="submit" class="btn btnoutline-primary">LOGIN</button>
</div>
</div>
</form>
</div>
</div>
<div class="col-lg-3 col-md-2"></div>
</div>
</div>
</body>
</html>
home.html
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
@import url(https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.6.3/css/font-awesome.css);
$timing: 265ms;
$iconColor: #fff00;
$accent: #fff00;
$grape : #fff00;
$orchid: #fff00;
@mixin transformScale($size: 1) {
transform: scale($size);
-ms-transform: scale($size);
```

```
-webkit-transform: scale($size);
body {
background-color:yellow;
.social-container {
width: 800px;
margin: 40vh auto;
text-align: center;
.social-icons {
padding: 0;
list-style: none;
margin: 1em;
li {
display: inline-block;
margin: 0.85em;
position: relative;
font-size: 1.2em;
i {
color: #fff;
position: absolute;
top: 21px;
left: 21px;
transition: all $timing ease-out;
a {
display: inline-block;
&:before {
@include transformScale();
content: " ";
width: 150px;
height: 150px;
border-radius: 100%;
display: block;
background: linear-gradient(45deg, $iconColor, $accent);
transition: all $timing ease-out;
&:hover:before {
transform: scale(0);
transition: all $timing ease-in;
```

```
&:hover i {
@include transformScale(2.2);
color: $iconColor;
background: -webkit-linear-gradient(45deg, $iconColor,
$accent);
-webkit-background-clip: text;
-webkit-text-fill-color: transparent;
transition: all $timing ease-in;
a.social-square {
&:before {
background: linear-gradient(45deg, $grape, $orchid);
border-radius: 10%;
&:hover:before {
transform: rotate(-180deg);
-ms-transform: rotate(-180deg);
-webkit-transform: scale(-180deg);
border-radius: 100%;
&:hover i {
@include transformScale(1.6);
color: #fff00;
transform: scale(1.6);
-webkit-text-fill-color: #fff;
}
</style>
<div class="social-container">
<a
href="https://www.instagram.com/bloodbankindia/?igshid=b287cuy8xtmi"><i
class="fa fa-instagram fa-5x"></i>
<a href="https://twitter.com/mygovindia"><i class="fa fa-twitter"
fa-5x"></i></a>
       href="https://www.thebetterindia.com/253170/coronavirus-covid19-meals-food-delivery-
<a
cost-service-online-booking-mumbai-bengaluru-delhilucknow-ahmedabad-indore-jaipur-bhopal-
india-gop94/"><i class="fa facutlery fa-5x"></i></a>
```

```
<a href="https://dir.indiamart.com/impcat/24-hours-ambulanceservice.html" class="social-
square"><i class="fa fa-ambulance fa5x"></i></a>
       href="https://www.oneindia.com/covid-19-vaccine-hospitalslist.html"
                                                                            class="social-
square"><i class="fa fa-plus-square fa5x"></i></a>
<a href="https://www.covidresourceindia.com/" class="socialsquare"><i class="fa fa-medkit fa-
5x"></i></a>
</div>
</body>
</html>
host.html
<!DOCTYPE
html>
<html lang="en">
<head>
</head>
<body>
<style>
html, body {
overflow-x: hidden;
overflow-y: hidden;
height: 100%;
width: 100%;
position: absolute;
background-color: black;
background-image: url('https://wallpapercave.com/wp/5KLTq1z.jpg');
background-repeat: no-repeat;
background-size: cover;
background-position: top;
z-index: -2;
#display {
color: white;
font-size: 2.9em;
top: 10px;
border-bottom: thin solid;
padding-bottom: 20px;
opacity: 0.80;
filter: alpha(opacity=80); /* For IE8 and earlier */
```

```
#date {
color: white;
font-size: 1.3em;
font-family: Georgia, "Times New Roman", Times, serif;
font-weight: normal;
letter-spacing: 0.2em;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
#footer {
width: 100%;
height: 40px;
position: fixed;
bottom: -1px;
background-color: white;
text-align: center;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
#line {
width: 100%;
bottom: 4em;
position: fixed;
border-bottom: solid white;
padding: 15px;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
.navbar {
position: fixed;
width: 100%;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
.wrapper {
background-color: red;
span {
border-radius: 100px;
opacity: 0.75;
filter: alpha(opacity=75); /* For IE8 and earlier */
#content {
height: 45em;
} p {
max-width: 30em;
```

```
color: white;
font-family: "Adobe Caslon Pro", "Hoefler Text", Georgia, Garamond, Times,
serif:
letter-spacing:0.1em;
text-align:center;
margin: 40px auto;
text-transform: lowercase;
line-height: 145%;
font-size: 2em;
font-variant: small-caps;
p:hover {
text-decoration: none;
.container {
padding-top: 6em;
text-align: center;
#b-nav {
padding-bottom: 5em;
position: fixed;
width: 100%;
bottom: 2em;
#b-nav ul {
margin: 0;
padding: 0.5em;
list-style-type: none;
text-align: center;
#b-nav ul li {
display: inline;
#b-nav ul li a {
text-decoration: none;
padding: .2em 1em;
background-color: black;
opacity: 0.4;
filter: alpha(opacity=40); /* For IE8 and earlier */
.hold {
width: 100%;
text-align: left;
#gen {
outline: none;
```

```
padding-top: 5px;
text-decoration: none;
opacity: 0.6;
background-color: black;
color: white;
border: thin solid white;
height: 40px;
width: 100px;
border-radius: 2px;
transition: 0.5s;
padding-bottom: 5px;
#gen:hover {
background-color: white;
color: black;
border: thin solid black;
opacity: 0.8;
#gen a {
text-decoration: none;
#date {
color: white;
@media screen
and (max-device-width: 800px)
and (max-device-height: 640px)
and (-webkit-device-pixel-ratio: 2)
and (orientation: portrait) {
p {
font-size: 1em;
.fa-twitter {
font-size: 30px !important;
margin-left: 20px;
</style>
k rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/fontawesome.min.css">
<body onload="startTime(); startDate()">
<div class="container">
<div id="date"></div>
<div id="display"></div>
<div id="content">
```

```
<div class="city" style="color:white;font-size:20px;">Your location
is:{{ city }}</div>
"WE ARE IN THIS TOGETHER"
Fight against Covid-19
</div>
</div>
</body>
</html>
links.html
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
body{
margin:0;
color:#6a6f8c;
background:#c8c8c8;
font:600 16px/18px 'Open Sans',sans-serif;
*,:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:";display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}
.login-wrap{
width:100%;
margin:auto;
max-width:525px;
min-height:670px;
position:relative;
background:url(https://cdn.shrm.org/image/upload/c_crop%2ch_617%2cw
\_1099\%2cx\_0\%2cy\_0/c\_fit\%2cf\_auto\%2cq\_auto\%2cw\_767/v1/Legal\%20and\%20Complian
ce/coronavirus4m_utz5jt?databtoa=eyIxNng5Ijp7IngiOjAsInkiOjAsIngyIjoxMDk5LC
J5MiI6NjE3LCJ3IjoxMDk5LCJoIjo2MTd9fQ%3d%3d) no-repeat center;
box-shadow:0 12px 15px 0 rgba(0,0,0,.24),0 17px 50px 0
rgba(0,0,0,.19);
.login-html{
width:100%;
height:100%;
position:absolute;
```

```
padding:90px 70px 50px 70px;
background:rgba(40,57,101,.9);
.login-html .sign-in-htm,
.login-html .sign-up-htm{
top:0;
left:0;
right:0;
bottom:0;
position:absolute;
transform:rotateY(180deg);
backface-visibility:hidden;
transition: all .4s linear;
.login-html .sign-in,
.login-html .sign-up,
.login-form .group .check{
display:none;
.login-html .tab,
.login-form .group .label,
.login-form .group .button{
text-transform:uppercase;
.login-html .tab{
font-size:22px;
margin-right:15px;
padding-bottom:5px;
margin:0 15px 10px 0;
display:inline-block;
border-bottom:2px solid transparent;
.login-html .sign-in:checked + .tab,
.login-html .sign-up:checked + .tab{
color:#fff;
border-color:#1161ee;
.login-form{
min-height:345px;
position:relative;
perspective:1000px;
transform-style:preserve-3d;
.login-form .group{
margin-bottom:15px;
```

```
.login-form .group .label,
.login-form .group .input,
.login-form .group .button{
width:100%;
color:#fff;
display:block;
.login-form .group .input,
.login-form .group .button{
border:none;
padding:15px 20px;
border-radius:25px;
background:rgba(255,255,255,.1);
.login-form .group input[data-type="password"]{
text-security:circle;
-webkit-text-security:circle;
.login-form .group .label{
color:#aaa;
font-size:12px;
.login-form .group .button{
background:#1161ee;
.login-form .group label .icon{
width:15px;
height:15px;
border-radius:2px;
position:relative;
display:inline-block;
background:rgba(255,255,255,.1);
.login-form .group label .icon:before,
.login-form .group label .icon:after{
content:";
width:10px;
height:2px;
background:#fff;
position:absolute;
transition: all .2s ease-in-out 0s;
.login-form .group label .icon:before{
left:3px;
width:5px;
bottom:6px;
```

```
transform:scale(0) rotate(0);
.login-form .group label .icon:after{
top:6px;
right:0;
transform:scale(0) rotate(0);
.login-form .group .check:checked + label{
color:#fff;
.login-form .group .check:checked + label .icon{
background:#1161ee;
.login-form .group .check:checked + label .icon:before{
transform:scale(1) rotate(45deg);
.login-form .group .check:checked + label .icon:after{
transform:scale(1) rotate(-45deg);
.login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .signin-htm{
transform:rotate(0);
.login-html .sign-up:checked + .tab + .login-form .sign-up-htm{
transform:rotate(0);
.hr{
height:2px;
margin:60px 0 50px 0;
background:rgba(255,255,255,.2);
.foot-lnk{
text-align:center;
</style>
<div class="login-wrap">
<div class="login-html">
<input id="tab-2" type="radio" name="tab" class="sign-in"</pre>
checked><label for="tab-2" class="tab">Instructions</label>
<input id="tab-1" type="radio" name="tab" class="signup"><label for="tab-1" class="tab">Sign
Up</label>
<div class="login-form">
<div class="sign-in-htm">
If you are new to this site please select "sign up"
option in the tab <br>
<label for="tab-2"><b>Already Member?Please
```

```
login<b></label>
 <a</pre>
href="/reg"> <u>Click Here!!!! </a> 
</div>
<div class="login-form">
<form action="/log" method="post">
<div class="sign-up-htm">
<div class="group">
<label for="username"</pre>
class="label">Username</label>
<input type="text" name="username"</pre>
class="input" id="username" required>
</div>
<div class="group">
<label for="email"</pre>
class="label">Email Address</label>
<input type="email" name="email"</pre>
class="input" id="email"required>
</div>
<div class="group">
<label for="password"</pre>
class="label">Password</label>
<input type="password"</pre>
name="password" class="input" id="password"required>
</div>
<div class="group">
<input type="submit" class="button"</pre>
value="Sign Up">
</div>
<div class="hr"></div>
<div class="foot-lnk">
<label for="tab-1">Already
Member?Please login</label>
<a href="/reg">Click
Here!!!!</a>
</div>
</div>
</div>
</div>
</div>
</div>
</body>
</html>
```

## location.html

```
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
html, body {
overflow-x: hidden;
overflow-y: hidden;
height: 100%;
width: 100%;
position: absolute;
background-color: black;
background-image: url('https://wallpapercave.com/wp/5KLTq1z.jpg');
background-repeat: no-repeat;
background-size: cover;
background-position: top;
z-index: -2;
#display {
color: white;
font-size: 2.9em;
top: 10px;
border-bottom: thin solid;
padding-bottom: 20px;
opacity: 0.80;
filter: alpha(opacity=80); /* For IE8 and earlier */
#date {
color: white;
font-size: 1.3em:
font-family: Georgia, "Times New Roman", Times, serif;
font-weight: normal;
letter-spacing: 0.2em;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
#footer {
width: 100%;
height: 40px;
position: fixed;
bottom: -1px;
background-color: white;
text-align: center;
opacity: 0.5;
```

```
filter: alpha(opacity=50); /* For IE8 and earlier */
#line {
width: 100%;
bottom: 4em;
position: fixed;
border-bottom: solid white;
padding: 15px;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
.navbar {
position: fixed;
width: 100%;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
.wrapper {
background-color: red;
}
span {
border-radius: 100px;
opacity: 0.75;
filter: alpha(opacity=75); /* For IE8 and earlier */
#content {
height: 45em;
} p {
max-width: 30em;
color: white;
font-family: "Adobe Caslon Pro", "Hoefler Text", Georgia, Garamond,
Times, serif;
letter-spacing:0.1em;
text-align:center;
margin: 40px auto;
text-transform: lowercase;
line-height: 145%;
font-size: 2em;
font-variant: small-caps;
p:hover {
text-decoration: none;
.container {
padding-top: 6em;
text-align: center;
```

```
#b-nav {
padding-bottom: 5em;
position: fixed;
width: 100%;
bottom: 2em;
#b-nav ul {
margin: 0;
padding: 0.5em;
list-style-type: none;
text-align: center;
#b-nav ul li {
display: inline;
#b-nav ul li a {
text-decoration: none;
padding: .2em 1em;
background-color: black;
opacity: 0.4;
filter: alpha(opacity=40); /* For IE8 and earlier */
.hold {
width: 100%;
text-align: left;
#gen {
outline: none;
padding-top: 5px;
text-decoration: none;
opacity: 0.6;
background-color: black;
color: white;
border: thin solid white;
height: 40px;
width: 100px;
border-radius: 2px;
transition: 0.5s;
padding-bottom: 5px;
#gen:hover {
background-color: white;
color: black:
border: thin solid black;
opacity: 0.8;
```

```
#gen a {
text-decoration: none;
#date {
color: white;
@media screen
and (max-device-width: 800px)
and (max-device-height: 640px)
and (-webkit-device-pixel-ratio: 2)
and (orientation: portrait) {
p {
font-size: 1em;
}
}
.fa-twitter {
font-size: 30px !important;
margin-left: 20px;
</style>
<link rel="stylesheet" type="text/css"</pre>
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/fontawesome.min.css">
<body onload="startTime(); startDate()">
<div class="container">
<div id="date"></div>
<div id="display"></div>
<div id="content">
<div class="logged"> </div>
"YOU HAVE LOGGED IN SUCCESSFULLY!"
<a href="\table"><button type="button">ZONE LIST</button></a>
<a href="\addzone"><button type="button">ADD ZONE</button></a>
<a href="\removezone"><button type="button">REMOVE
ZONE</button></a>
</div>
</div>
</body>
</html>
log.html
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-
awesome.min.css">
<style>
body {
font-family: Arial, Helvetica, sans-serif;
}
* {
box-sizing: border-box;
/* style the container */
.container {
position: relative;
border-radius: 5px;
background-color: #f2f2f2;
padding: 20px 0 30px 0;
/* style inputs and link buttons */
input,
.btn {
width: 100%;
padding: 12px;
border: none;
border-radius: 4px;
margin: 5px 0;
opacity: 0.85;
display: inline-block;
font-size: 17px;
line-height: 20px;
text-decoration: none; /* remove underline from anchors */
input:hover,
.btn:hover {
opacity: 1;
}
/* add appropriate colors to fb, twitter and google buttons */
background-color: #3B5998;
color: white;
.twitter {
background-color: #55ACEE;
color: white;
.google {
background-color: #dd4b39;
color: white;
```

```
/* style the submit button */
input[type=submit] {
background-color: #04AA6D;
color: white;
cursor: pointer;
input[type=submit]:hover {
background-color: #45a049;
/* Two-column layout */
.col {
float: left;
width: 50%;
margin: auto;
padding: 0 50px;
margin-top: 6px;
/* Clear floats after the columns */
.row:after {
content: "";
display: table;
clear: both;
/* vertical line */
.vl {
position: absolute;
left: 50%;
transform: translate(-50%);
border: 2px solid #ddd;
height: 175px;
/* text inside the vertical line */
.vl-innertext {
position: absolute;
top: 50%;
transform: translate(-50%, -50%);
background-color: #f1f1f1;
border: 1px solid #ccc;
border-radius: 50%;
padding: 8px 10px;
/* hide some text on medium and large screens */
.hide-md-lg {
display: none;
```

```
/* bottom container */
.bottom-container {
text-align: center;
background-color: #666;
border-radius: 0px 0px 4px 4px;
/* Responsive layout - when the screen is less than 650px wide, make the
two columns stack on top of each other instead of next to each other */
@media screen and (max-width: 650px) {
width: 100%;
margin-top: 0;
/* hide the vertical line */
.vl {
display: none;
/* show the hidden text on small screens */
.hide-md-lg {
display: block;
text-align: center;
</style>
</head>
<body>
<h2>Responsive Social Login Form</h2>
Resize the browser window to see the responsive effect. When the screen
is less than 650px wide, make the two columns stack on top of each other
instead of next to each other.
<div class="container">
<form action="/action_page.php">
<div class="row">
<h2 style="text-align:center">Login with Social Media or
Manually</h2>
<div class="vl">
<span class="vl-innertext">or</span>
</div>
<div class="col">
<a href="#" class="fb btn">
<i class="fa fa-facebook fa-fw"></i> Login with Facebook
<a href="#" class="twitter btn">
<i class="fa fa-twitter fa-fw"></i> Login with Twitter
<a href="#" class="google btn"><i class="fa fa-google fa-fw">
```

```
</i> Login with Google+
</a>
</div>
<div class="col">
<div class="hide-md-lg">
Or sign in manually:
</div>
<input type="text" name="username" placeholder="Username" required>
<input type="password" name="password" placeholder="Password"</pre>
required>
<input type="submit" value="Login">
</div>
</div>
</form>
</div>
<div class="bottom-container">
<div class="row">
<div class="col">
<a href="#" style="color:white" class="btn">Sign up</a>
</div>
<div class="col">
<a href="#" style="color:white" class="btn">Forgot password?</a>
</div>
</div>
</div>
</body>
</html>
logged.html
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
html, body {
background: #333;
height: 100%;
overflow: hidden;
text-align: center;
.svg-wrapper {
height: 60px;
margin: 0 auto;
position: relative;
```

```
transform: translateY(-50%);
width: 320px;
}
.shape {
fill: transparent;
stroke-dasharray: 140 540;
stroke-dashoffset: -474;
stroke-width: 8px;
stroke: #19f6e8;
.text {
color: #fff00;
font-family: 'Roboto Condensed';
font-size: 22px;
letter-spacing: 8px;
line-height: 32px;
position: relative;
top: 300px;
@keyframes draw {
0% {
stroke-dasharray: 140 540;
stroke-dashoffset: -474;
stroke-width: 8px;
100% {
stroke-dasharray: 760;
stroke-dashoffset: 0;
stroke-width: 2px;
}
.svg-wrapper:hover .shape {
-webkit-animation: 0.5s draw linear forwards;
animation: 0.5s draw linear forwards;
}
</style>
<form action="/loc" method="POST">
<br/>br>
<br>
<input type="text" name="mail" class="input" id="mail" style="position:</pre>
absolute; left: 20%; margin-left: 180px; width: 400px; height: 25px;
background:grey; border: 8px solid black; top:250px" placeholder="Enter
email-id" required>
<div class="svg-wrapper">
<div>
<button type="submit" id="button" class="text" style="color:yellow;</pre>
```

```
top:300px;background-color:#99ffff"><a href="/loc"> Notify me </a></button>
Enter email address to be
notified on and Click on Notify me to get alert message if you are in
Containment Zone
</div>
</form>
</div>
</body>
</html>
login.html
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
font-family: Arial, Helvetica, sans-serif;
background-color: black;
}
* {
box-sizing: border-box;
/* Add padding to containers */
.container {
padding: 16px;
background-color: white;
/* Full-width input fields */
input[type=text], input[type=password] {
width: 100%;
padding: 15px;
margin: 5px 0 22px 0;
display: inline-block;
border: none;
background: #f1f1f1;
input[type=text]:focus, input[type=password]:focus {
background-color: #ddd;
outline: none;
/* Overwrite default styles of hr */
hr {
border: 1px solid #f1f1f1;
margin-bottom: 25px;
```

```
/* Set a style for the submit button */
.registerbtn {
background-color: #04AA6D;
color: white;
padding: 16px 20px;
margin: 8px 0;
border: none;
cursor: pointer;
width: 100%;
opacity: 0.9;
.registerbtn:hover {
opacity: 1;
/* Add a blue text color to links */
a {
color: dodgerblue;
/* Set a grey background color and center the text of the "sign in" section
.signin {
background-color: #f1f1f1;
text-align: center;
</style>
</head>
<body>
<form action="/action_page.php">
<div class="container">
<h1>Register</h1>
Please fill in this form to create an account.
<label for="email"><b>Email</b></label>
<input type="text" placeholder="Enter Email" name="email" id="email"</pre>
required>
<label for="email"><b>Hospital id</b></label>
<input type="text" placeholder="Enter Hospital id" name="hosid"
id="hosid" required>
<label for="psw"><b>Password</b></label>
<input type="password" placeholder="Enter Password" name="psw" id="psw"
required>
<label for="psw-repeat"><b>Repeat Password</b></label>
<input type="password" placeholder="Repeat Password" name="psw-repeat"</pre>
id="psw-repeat" required>
<hr>
```

```
By creating an account you agree to our <a href="#">Terms &
Privacy</a>.
<button type="submit" class="registerbtn">Register</button>
</div>
<div class="container signin">
Already have an account? <a href="#">Sign in</a>.
</div>
</form>
</body>
</html>
main.html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
<meta name="description" content="Start your development with a Dashboard</pre>
for Bootstrap 4.">
<meta name="author" content="Creative Tim">
<title>BESAFE | VISITEDZONES</title>
<!-- Favicon -->
k rel="icon" href="static/img/brand/favicon.png" type="image/png">
<!-- Fonts -->
k rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700">
<!-- Icons -->
k rel="stylesheet" href="static/vendor/nucleo/css/nucleo.css"
type="text/css">
< rel="stylesheet" href="static/vendor/@fortawesome/fontawesomefree/css/all.min.css"</pre>
type="text/css">
<!-- Page plugins -->
<!-- Argon CSS -->
k rel="stylesheet" href="static/css/argon.css?v=1.2.0"
type="text/css">
</head>
<body>
<!-- Sidenay -->
<nav class="sidenav navbar navbar-vertical fixed-left navbar-expand-xs"
navbar-light bg-white" id="sidenav-main">
<div class="scrollbar-inner">
<!-- Brand -->
<div class="sidenav-header align-items-center">
<a class="navbar-brand" href="javascript:void(0)">
```

```
<img src="static/images/Besafelogo.png" class="navbar-brand-img"</pre>
alt="...">
</a>
</div>
<div class="navbar-inner">
<!-- Collapse -->
<div class="collapse navbar-collapse" id="sidenav-collapse-main">
<!-- Nav items -->
cli class="nav-item">
<a class="nav-link active" href="/dashboard">
<i class="ni ni-tv-2 text-primary"></i>
<span class="nav-link-text">Dashboard</span>
</a>
<a class="nav-link" href="/verify">
<i class="ni ni-pin-3 text-primary"></i>
<span class="nav-link-text">Verify your location</span>
</a>
cli class="nav-item">
<a class="nav-link" href="">
<i class="ni ni-bullet-list-67 text-default"></i>
<span class="nav-link-text">Visited zones</span>
</a>
<!-- Divider -->
<hr class="my-3">
<!-- Navigation -->
</div>
</div>
</div>
</nav>
<!-- Main content -->
<div class="main-content" id="panel">
<!-- Topnav -->
<nav class="navbar navbar-top navbar-expand navbar-dark bg-primary
border-bottom">
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<!-- Search form -->
<form class="navbar-search navbar-search-light form-inline mr-sm3" id="navbar-search-main">
<div class="form-group mb-0">
```

```
<div class="input-group input-group-alternative input-groupmerge">
<div class="input-group-prepend">
<span class="input-group-text"><i class="fas fasearch"></i></span>
</div>
<input class="form-control" placeholder="Search"</pre>
type="text">
</div>
</div>
<button type="button" class="close" data-action="search-close"
data-target="#navbar-search-main" aria-label="Close">
<span aria-hidden="true">×</span>
</button>
</form>
<!-- Navbar links -->
<!-- Sidenay toggler -->
<div class="pr-3 sidenav-toggler</pre>
                                sidenav-toggler-dark" dataaction="sidenav-pin"
target="#sidenav-main">
<div class="sidenav-toggler-inner">
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
</div>
</div>
<a class="nav-link" href="#" data-action="search-show" datatarget="#navbar-search-main">
<i class="ni ni-zoom-split-in"></i>
</a>
<a class="nav-link pr-0" href="#" role="button" datatoggle="dropdown" aria-haspopup="true"
aria-expanded="false">
<div class="media align-items-center">
<span class="avatar avatar-sm rounded-circle">
<img alt="Image placeholder"
src="static/images/icon.jpg">
</span>
<div class="media-body ml-2 d-none d-lg-block">
<span class="mb-0 text-sm font-weightbold">{{user}}</span>
</div>
</div>
</a>
```

```
<div class="dropdown-menu dropdown-menu-right">
<div class="dropdown-header noti-title">
<h6 class="text-overflow m-0">Welcome!</h6>
</div>
<a href="#!" class="dropdown-item">
<i class="ni ni-single-02"></i>
<span>My profile</span>
</a>
<a href="#!" class="dropdown-item">
<i class="ni ni-settings-gear-65"></i>
<span>Settings</span>
</a>
<div class="dropdown-divider"></div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-user-run"></i>
<span>Logout</span>
</a>
</div>
</div>
</div>
</nav>
<!-- Header -->
<!-- Header -->
<div class="header bg-primary pb-6">
<div class="container-fluid">
<div class="header-body">
<div class="row align-items-center py-4">
<div class="col-lg-6 col-7">
<h6 class="h2 text-white d-inline-block mb-0">Default</h6>
<nav aria-label="breadcrumb" class="d-none d-md-inline-block
ml-md-4">

    class="breadcrumb breadcrumb-links breadcrumb-dark">

class="breadcrumb-item"><a href="#"><i class="fas fahome"></i></a></a>
cli class="breadcrumb-item"><a</li>
href="#">Dashboards</a>
Default
</nav>
</div>
</div>
<!-- Card stats -->
<div class="login text-center mt-5">
<h1 style="color:white;"> VISITED ZONES </h1>
<div class="msg" style="color:white;">{{ msg }}</div>
```

```
<div class="visitedzones" style="color:yellow;">{{ visitedzones}
</div>
<!-- Footer -->
<footer class="footer pt-0">
<div class="row align-items-center justify-content-lg-between">
<div class="col-lg-6">
<div class="copyright text-center text-lg-left text-muted">
© 2021 <a href="https://www.instagram.com/asuvath.in/"
class="font-weight-bold ml-1" target="_blank">@asuvath.in</a>
</div>
</div>
<div class="col-lg-6">
cli class="nav-item">
<a href="/" class="nav-link" target="_blank">About Us.</a>
</div>
</div>
</footer>
</div>
</div>
<!-- Argon Scripts -->
<!-- Core -->
<script src="static/vendor/jquery/dist/jquery.min.js"></script>
src="static/vendor/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
<script src="static/vendor/js-cookie/js.cookie.js"></script>
src="static/vendor/jquery.scrollbar/jquery.scrollbar.min.js"></script>
<script src="static/vendor/jquery-scroll-lock/dist/jqueryscrollLock.min.js"></script>
<!-- Optional JS -->
<script src="static/vendor/chart.js/dist/Chart.min.js"></script>
<script src="static/vendor/chart.js/dist/Chart.extension.js"></script>
<!-- Argon JS -->
<script src="static/js/argon.js?v=1.2.0"></script>
</div>
</div>
</body>
</html>
```

## medrg.html

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
</head>
<body>
<style>
html, body {
overflow-x: hidden;
overflow-y: hidden;
height: 100%;
width: 100%;
position: absolute;
background-color: black;
background-image: url('https://wallpapercave.com/wp/5KLTq1z.jpg');
background-repeat: no-repeat;
background-size: cover;
background-position: top;
z-index: -2;
#display {
color: white;
font-size: 2.9em;
top: 10px;
border-bottom: thin solid;
padding-bottom: 20px;
opacity: 0.80;
filter: alpha(opacity=80); /* For IE8 and earlier */
#date {
color: white;
font-size: 1.3em;
font-family: Georgia, "Times New Roman", Times, serif;
font-weight: normal;
letter-spacing: 0.2em;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
#footer {
width: 100%;
height: 40px;
position: fixed;
bottom: -1px;
background-color: white;
text-align: center;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
#line {
```

```
width: 100%;
bottom: 4em;
position: fixed;
border-bottom: solid white;
padding: 15px;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
.navbar {
position: fixed;
width: 100%;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
.wrapper {
background-color: red;
span {
border-radius: 100px;
opacity: 0.75;
filter: alpha(opacity=75); /* For IE8 and earlier */
#content {
height: 45em;
} p {
max-width: 30em;
color: white;
font-family: "Adobe Caslon Pro", "Hoefler Text", Georgia, Garamond,
Times, serif;
letter-spacing:0.1em;
text-align:center;
margin: 40px auto;
text-transform: lowercase;
line-height: 145%;
font-size: 2em;
font-variant: small-caps;
p:hover {
text-decoration: none;
.container {
padding-top: 6em;
text-align: center;
#b-nav {
padding-bottom: 5em;
```

```
position: fixed;
width: 100%;
bottom: 2em;
#b-nav ul {
margin: 0;
padding: 0.5em;
list-style-type: none;
text-align: center;
#b-nav ul li {
display: inline;
#b-nav ul li a {
text-decoration: none;
padding: .2em 1em;
background-color: black;
opacity: 0.4;
filter: alpha(opacity=40); /* For IE8 and earlier */
.hold {
width: 100%;
text-align: left;
#gen {
outline: none;
padding-top: 5px;
text-decoration: none;
opacity: 0.6;
background-color: black;
color: white;
border: thin solid white;
height: 40px;
width: 100px;
border-radius: 2px;
transition: 0.5s;
padding-bottom: 5px;
#gen:hover {
background-color: white;
color: black;
border: thin solid black;
opacity: 0.8;
#gen a {
text-decoration: none;
```

```
#date {
color: white;
@media screen
and (max-device-width: 800px)
and (max-device-height: 640px)
and (-webkit-device-pixel-ratio: 2)
and (orientation: portrait) {
p {
font-size: 1em;
}
.fa-twitter {
font-size: 30px !important;
margin-left: 20px;
</style>
k rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/fontawesome.min.css">
<body onload="startTime(); startDate()">
<div class="container">
<div id="date"></div>
<div id="display"></div>
<div id="content">
<div class="logged"> </div>
"SUCCESSFUL!"
<a href="\table"><button type="button">ZONE LIST</button></a>
<a href="\addzone"><button type="button">ADD ZONE</button></a>
<a href="\removezone"><button type="button">REMOVE
ZONE</button></a>
</div>
</div>
</body>
</html>
register.html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
<meta name="description" content="Start your development with a Dashboard
for Bootstrap 4.">
```

```
<meta name="author" content="Creative Tim">
<title>BESAFE | VISITEDZONES</title>
<!-- Favicon -->
k rel="icon" href="static/img/brand/favicon.png" type="image/png">
<!-- Fonts -->
<link rel="stylesheet"</pre>
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700">
<!-- Icons -->
k rel="stylesheet" href="static/vendor/nucleo/css/nucleo.css"
type="text/css">
rel="stylesheet" href="static/vendor/@fortawesome/fontawesomefree/css/all.min.css"
type="text/css">
<!-- Page plugins -->
<!-- Argon CSS -->
k rel="stylesheet" href="static/css/argon.css?v=1.2.0"
type="text/css">
</head>
<body>
<!-- Sidenay -->
<nav class="sidenav navbar navbar-vertical fixed-left navbar-expand-xs"
navbar-light bg-white" id="sidenav-main">
<div class="scrollbar-inner">
<!-- Brand -->
<div class="sidenav-header align-items-center">
<a class="navbar-brand" href="javascript:void(0)">
<img src="static/images/Besafelogo.png" class="navbar-brand-img"</pre>
alt="...">
</a>
</div>
<div class="navbar-inner">
<!-- Collapse -->
<div class="collapse navbar-collapse" id="sidenav-collapse-main">
<!-- Nav items -->
cli class="nav-item">
<a class="nav-link active" href="/dashboard">
<i class="ni ni-tv-2 text-primary"></i>
<span class="nav-link-text">Dashboard</span>
</a>
cli class="nav-item">
<a class="nav-link" href="/verify">
<i class="ni ni-pin-3 text-primary"></i>
<span class="nav-link-text">Verify your location</span>
</a>
```

```
cli class="nav-item">
<a class="nav-link" href="">
<i class="ni ni-bullet-list-67 text-default"></i>
<span class="nav-link-text">Visited zones</span>
</a>
<!-- Divider -->
<hr class="my-3">
<!-- Navigation -->
</div>
</div>
</div>
</nav>
<!-- Main content -->
<div class="main-content" id="panel">
<!-- Topnav -->
<nav class="navbar navbar-top navbar-expand navbar-dark bg-primary
border-bottom">
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<!-- Search form -->
<form class="navbar-search navbar-search-light form-inline mr-sm3" id="navbar-search-main">
<div class="form-group mb-0">
<div class="input-group input-group-alternative input-groupmerge">
<div class="input-group-prepend">
<span class="input-group-text"><i class="fas fasearch"></i></span>
</div>
<input class="form-control" placeholder="Search"</pre>
type="text">
</div>
</div>
<button type="button" class="close" data-action="search-close"
data-target="#navbar-search-main" aria-label="Close">
<span aria-hidden="true">×</span>
</button>
</form>
<!-- Navbar links -->
<!-- Sidenay toggler -->
<div class="pr-3 sidenay-toggler</pre>
                                   sidenay-toggler-dark" dataaction="sidenay-pin"
                                                                                  data-
target="#sidenav-main">
<div class="sidenav-toggler-inner">
<i class="sidenav-toggler-line"></i>
```

```
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
</div>
</div>
<a class="nav-link" href="#" data-action="search-show" datatarget="#navbar-search-main">
<i class="ni ni-zoom-split-in"></i>
</a>
<a class="nav-link pr-0" href="#" role="button" datatoggle="dropdown" aria-haspopup="true"
aria-expanded="false">
<div class="media align-items-center">
<span class="avatar avatar-sm rounded-circle">
<img alt="Image placeholder"
src="static/images/icon.jpg">
</span>
<div class="media-body ml-2 d-none d-lg-block">
<span class="mb-0 text-sm font-weightbold">{{user}}/span>
</div>
</div>
</a>
<div class="dropdown-menu dropdown-menu-right">
<div class="dropdown-header noti-title">
<h6 class="text-overflow m-0">Welcome!</h6>
</div>
<a href="#!" class="dropdown-item">
<i class="ni ni-single-02"></i>
<span>My profile</span>
</a>
<a href="#!" class="dropdown-item">
<i class="ni ni-settings-gear-65"></i>
<span>Settings</span>
\langle a \rangle
<div class="dropdown-divider"></div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-user-run"></i>
<span>Logout</span>
</a>
</div>
</div>
```

```
</div>
</nav>
<!-- Header -->
<!-- Header -->
<div class="header bg-primary pb-6">
<div class="container-fluid">
<div class="header-body">
<div class="row align-items-center py-4">
<div class="col-lg-6 col-7">
<h6 class="h2 text-white d-inline-block mb-0">Default</h6>
<nay aria-label="breadcrumb" class="d-none d-md-inline-block
ml-md-4">

    class="breadcrumb breadcrumb-links breadcrumb-dark">

class="breadcrumb-item"><a href="#"><i class="fas fahome"></i></a></a>
cli class="breadcrumb-item"><a</li>
href="#">Dashboards</a>
Default
</01>
</nav>
</div>
</div>
<!-- Card stats -->
<div class="login text-center mt-5">
<h1 style="color:white;"> VISITED ZONES </h1>
<div class="msg" style="color:white;">{{ msg }}</div>
<div class="visitedzones" style="color:yellow;">{{ visitedzones}
</div>
<!-- Footer -->
<footer class="footer pt-0">
<div class="row align-items-center justify-content-lg-between">
<div class="col-lg-6">
<div class="copyright text-center text-lg-left text-muted">
© 2021 <a href="https://www.instagram.com/asuvath.in/"
class="font-weight-bold ml-1" target="_blank">@asuvath.in</a>
</div>
</div>
<div class="col-lg-6">
cli class="nav-item">
<a href="/" class="nav-link" target="_blank">About Us.</a>
</div>
</div>
</footer>
```

```
</div>
</div>
<!-- Argon Scripts -->
<!-- Core -->
<script src="static/vendor/jquery/dist/jquery.min.js"></script>
<script
src="static/vendor/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
<script src="static/vendor/js-cookie/js.cookie.js"></script>
<script
src="static/vendor/jquery.scrollbar/jquery.scrollbar.min.js"></script>
<script src="static/vendor/jquery-scroll-lock/dist/jqueryscrollLock.min.js"></script>
<!-- Optional JS -->
<script src="static/vendor/chart.js/dist/Chart.min.js"></script>
<script src="static/vendor/chart.js/dist/Chart.extension.js"></script>
<!-- Argon JS -->
<script src="static/js/argon.js?v=1.2.0"></script>
</div>
</div>
</body>
</html>
remove zone.html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
<meta name="description" content="Start your development with a Dashboard
for Bootstrap 4.">
<meta name="author" content="Creative Tim">
<title>BESAFE | ZONEDELETION</title>
<!-- Favicon -->
k rel="icon" href="static/img/brand/favicon.png" type="image/png">
<!-- Fonts -->
<link rel="stylesheet"</pre>
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700">
<!-- Icons -->
k rel="stylesheet" href="static/vendor/nucleo/css/nucleo.css"
type="text/css">
rel="stylesheet"
                           href="static/vendor/@fortawesome/fontawesomefree/css/all.min.css"
type="text/css">
<!-- Page plugins -->
<!-- Argon CSS -->
```

rel="stylesheet" href="static/css/argon.css?v=1.2.0"

```
type="text/css">
</head>
<body>
<!-- Sidenay -->
<nav class="sidenav navbar navbar-vertical fixed-left navbar-expand-xs"
navbar-light bg-white" id="sidenav-main">
<div class="scrollbar-inner">
<!-- Brand -->
<div class="sidenav-header align-items-center">
<a class="navbar-brand" href="javascript:void(0)">
<img src="static/images/Besafelogo.png" class="navbar-brand-img"</pre>
alt="...">
</a>
</div>
<div class="navbar-inner">
<!-- Collapse -->
<div class="collapse navbar-collapse" id="sidenav-collapse-main">
<!-- Nav items -->
cli class="nav-item">
<a class="nav-link active" href="/admin">
<i class="ni ni-tv-2 text-primary"></i>
<span class="nav-link-text">Dashboard</span>
</a>
cli class="nav-item">
<a class="nav-link" href="/countupdate">
<i class="ni ni-pin-3 text-primary"></i>
<span class="nav-link-text">COUNT UPDATE</span>
</a>
cli class="nav-item">
<a class="nav-link" href="/zoneupdate">
<i class="ni ni-bullet-list-67 text-default"></i>
<span class="nav-link-text">ZONE UPDATE</span>
</a>
cli class="nav-item">
<a class="nav-link" href="">
<i class="ni ni-fat-remove text-default"></i>
<span class="nav-link-text">ZONE DELETION</span>
</a>
<!-- Divider -->
<hr class="my-3">
```

```
<!-- Navigation -->
</div>
</div>
</div>
</nav>
<!-- Main content -->
<div class="main-content" id="panel">
<!-- Topnav -->
<nav class="navbar navbar-top navbar-expand navbar-dark bg-primary
border-bottom">
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<!-- Search form -->
<form class="navbar-search navbar-search-light form-inline mr-sm3" id="navbar-search-main">
<div class="form-group mb-0">
<div class="input-group input-group-alternative input-groupmerge">
<div class="input-group-prepend">
<span class="input-group-text"><i class="fas fasearch"></i></span>
</div>
<input class="form-control" placeholder="Search"</pre>
type="text">
</div>
</div>
<button type="button" class="close" data-action="search-close"
data-target="#navbar-search-main" aria-label="Close">
<span aria-hidden="true">×</span>
</button>
</form>
<!-- Navbar links -->
<!-- Sidenay toggler -->
<div class="pr-3 sidenav-toggler sidenav-toggler-dark" dataaction="sidenav-pin"</pre>
target="#sidenav-main">
<div class="sidenav-toggler-inner">
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
</div>
</div>
<a class="nav-link" href="#" data-action="search-show" datatarget="#navbar-search-main">
<i class="ni ni-zoom-split-in"></i>
</a>
```

```
<a class="nav-link pr-0" href="#" role="button" datatoggle="dropdown" aria-haspopup="true"
aria-expanded="false">
<div class="media align-items-center">
<span class="avatar avatar-sm rounded-circle">
<img alt="Image placeholder"
src="static/images/icon.jpg">
</span>
<div class="media-body ml-2 d-none d-lg-block">
<span class="mb-0 text-sm font-weightbold">{{user}}</span>
</div>
</div>
</a>
<div class="dropdown-menu dropdown-menu-right">
<div class="dropdown-header noti-title">
<h6 class="text-overflow m-0">Welcome!</h6>
</div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-single-02"></i>
<span>My profile</span>
</a>
<a href="#!" class="dropdown-item">
<i class="ni ni-settings-gear-65"></i>
<span>Settings</span>
</a>
<div class="dropdown-divider"></div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-user-run"></i>
<span>Logout</span>
</a>
</div>
</div>
</div>
</nav>
<!-- Header -->
<!-- Header -->
<div class="header bg-primary pb-6">
<div class="container-fluid">
<div class="header-body">
<div class="row align-items-center py-4">
<div class="col-lg-6 col-7">
```

```
<h6 class="h2 text-white d-inline-block mb-0">Default</h6>
<nav aria-label="breadcrumb" class="d-none d-md-inline-block
ml-md-4">

    class="breadcrumb breadcrumb-links breadcrumb-dark">

class="breadcrumb-item"><a href="#"><i class="fas fahome"></i></a></a>
cli class="breadcrumb-item"><a</li>
href="#">Dashboards</a>
Default
</01>
</nav>
</div>
<div class="col-lg-6 col-5 text-right">
<a href="#" class="btn btn-sm btn-neutral">Refresh</a>
</div>
</div>
<!-- Card stats -->
<div class="login text-center mt-5">
<h1 style="color:white;"> ZONE DELETION </h1>
<form action="/zonedeletion" method="post">
<div class="msg">{{ msg }}</div>
<br/>dr><input type="text" style="text-transform:uppercase"</pre>
name="state" placeholder="STATE" id="state" required><br>
<br/>dr><input
                 type="text"
                                  style="texttransform:uppercase"
                                                                      name="district"
placeholder="DISTRICT" id="district"
required><br>
<br><input type="text" style="texttransform:uppercase" name="area" placeholder="CITY"</pre>
id="city" required><br>
<button type="submit" id="button" class="btn btn-dark"> DELETE
</button>
</form>
</div>
<!-- Footer -->
<footer class="footer pt-0">
<div class="row align-items-center justify-content-lg-between">
<div class="col-lg-6">
<div class="copyright text-center text-lg-left text-muted">
© 2021 <a href="https://www.instagram.com/asuvath.in/"
class="font-weight-bold ml-1" target="_blank">@asuvath.in</a>
</div>
</div>
<div class="col-lg-6">
<a href="/" class="nav-link" target=" blank">About Us.</a>
```

```
</div>
</div>
</footer>
</div>
</div>
<!-- Argon Scripts -->
<!-- Core -->
<script src="static/vendor/jquery/dist/jquery.min.js"></script>
<script
src="static/vendor/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
<script src="static/vendor/js-cookie/js.cookie.js"></script>
<script
src="static/vendor/jquery.scrollbar/jquery.scrollbar.min.js"></script>
<script src="static/vendor/jquery-scroll-lock/dist/jqueryscrollLock.min.js"></script>
<!-- Optional JS -->
<script src="static/vendor/chart.js/dist/Chart.min.js"></script>
<script src="static/vendor/chart.js/dist/Chart.extension.js"></script>
<!-- Argon JS -->
<script src="static/js/argon.js?v=1.2.0"></script>
</div>
</div>
</body>
</html>
signin.html
<!DOCTYPE html>
<html lang="en">
<head>
<u></head></u>
<body>
<style>
body{
margin:0;
color:aqua;
background:#c8c8c8;
font:600 16px/18px 'Open Sans',sans-serif;
*,:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:";display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}
.login-wrap{
width:100%;
margin:auto;
```

```
max-width:525px;
min-height:670px;
position:relative;
background:url(https://cdn.shrm.org/image/upload/c crop%2ch 617%2cw
1099%2cx 0%2cy 0/c fit%2cf auto%2cq auto%2cw 767/v1/Legal%20and%20Complian
ce/coronavirus4m utz5jt?databtoa=eylxNng5ljp7lngiOjAslnkiOjAslngyljoxMDk5LC
J5Mil6NjE3LCJ3ljoxMDk5LCJoljo2MTd9fQ%3d%3d) no-repeat center;
box-shadow:0 12px 15px 0 rgba(0,0,0,.24),0 17px 50px 0
rgba(0,0,0,.19);
}
.login-html{
width:100%;
height:100%;
position:absolute;
padding:90px 70px 50px 70px;
background:rgba(40,57,101,.9);
.login-html .sign-in-htm,
top:0;
left:0;
right:0;
bottom:0;
position:absolute;
transform:rotateY(180deg);
backface-visibility:hidden;
transition:all .4s linear;
}
.login-html .sign-in,
.login-form .group .check{
display:none;
}
.login-html .tab,
.login-form .group .label,
.login-form .group .button{
text-transform:uppercase;
.login-html .tab{
font-size:22px;
margin-right:15px;
padding-bottom:5px;
margin:0 15px 10px 0;
display:inline-block;
border-bottom:2px solid transparent;
```

```
.login-html .sign-in:checked + .tab,
color:aqua;
border-color:#1161ee;
.login-form{
min-height:345px;
position:relative;
perspective:1000px;
transform-style:preserve-3d;
}
.login-form .group{
margin-bottom:15px;
.login-form .group .label,
.login-form .group .input,
.login-form .group .button{
width:100%;
color:#fff;
display:block;
}
.login-form .group .input,
.login-form .group .button{
border:none;
padding:15px 20px;
border-radius:25px;
background:rgba(255,255,255,.1);
.login-form .group input[data-type="password"]{
text-security:circle;
-webkit-text-security:circle;
.login-form .group .label{
color:#aaa;
font-size:12px;
.login-form .group .button{
background:#1161ee;
.login-form .group label .icon{
width:15px;
height:15px;
border-radius:2px;
```

```
position:relative;
display:inline-block;
background:rgba(255,255,255,.1);
.login-form .group label .icon:before,
.login-form .group label .icon:after{
content:";
width:10px;
height:2px;
background:#fff;
position:absolute;
transition:all .2s ease-in-out 0s;
.login-form .group label .icon:before{
left:3px;
width:5px;
bottom:6px;
transform:scale(0) rotate(0);
}
.login-form .group label .icon:after{
top:6px;
right:0;
transform:scale(0) rotate(0);
.login-form .group .check:checked + label{
color:#fff;
.login-form .group .check:checked + label .icon{
background:#1161ee;
.login-form .group .check:checked + label .icon:before{
transform:scale(1) rotate(45deg);
.login-form .group .check:checked + label .icon:after{
transform:scale(1) rotate(-45deg);
}
.login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .signin-htm{
transform:rotate(0);
}
.hr{
height:2px;
margin:60px 0 50px 0;
background:rgba(255,255,255,.2);
```

```
.foot-lnk{
text-align:center;
</style>
<div class="login-wrap">
<div class="login-html">
<input id="tab-1" type="radio" name="tab" class="sign-in"
style="color:aqua" checked><label for="tab-1" class="tab">Sign In</label>
<div class="login-form">
<form action="/reg" method="post">
<div class="msg" style="color:white">{{ msg }}</div>
<div class="sign-in-htm">
<div class="group">
<label for="user"
class="label">Username</label>
<input type="text" name="username"
class="input" id="username" required></br>
</div>
<div class="group">
<label for="pass"
class="label">Password</label>
<input type="password"
name="password" class="input" id="password" required></br>
</div>
<div class="group">
<input id="check" type="checkbox"
class="check" checked>
<label for="check"><span
class="icon"></span> Keep me Signed in</label>
</div>
<div class="group">
<input type="submit" class="button"
value="Sign In">
</div>
<div class="hr"></div>
<div class="foot-lnk">
<a href="#forgot">Forgot
Password?</a>
</div>
</div>
</div>
</div>
</div>
```

```
</body>
</html>
success.html
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
html, body {
overflow-x: hidden;
overflow-y: hidden;
height: 100%;
width: 100%;
position: absolute;
background-color: black;
background-image: url('https://wallpapercave.com/wp/5KLTq1z.jpg');
background-repeat: no-repeat;
background-size: cover;
background-position: top;
z-index: -2;
}
#display {
color: white;
font-size: 2.9em;
top: 10px;
border-bottom: thin solid;
padding-bottom: 20px;
opacity: 0.80;
filter: alpha(opacity=80); /* For IE8 and earlier */
}
#date {
color: white;
font-size: 1.3em;
font-family: Georgia, "Times New Roman", Times, serif;
font-weight: normal;
letter-spacing: 0.2em;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
}
#footer {
```

```
width: 100%;
height: 40px;
position: fixed;
bottom: -1px;
background-color: white;
text-align: center;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
}
#line {
width: 100%;
bottom: 4em;
position: fixed;
border-bottom: solid white;
padding: 15px;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
}
.navbar {
position: fixed;
width: 100%;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
.wrapper {
background-color: red;
}
span {
border-radius: 100px;
opacity: 0.75;
filter: alpha(opacity=75); /* For IE8 and earlier */
}
#content {
height: 45em;
} p {
max-width: 30em;
color: white;
font-family: "Adobe Caslon Pro", "Hoefler Text", Georgia, Garamond,
Times, serif;
letter-spacing:0.1em;
text-align:center;
margin: 40px auto;
text-transform: lowercase;
line-height: 145%;
```

```
font-size: 2em;
font-variant: small-caps;
}
p:hover{
text-decoration: none;
}
.container {
padding-top: 6em;
text-align: center;
}
#b-nav {
padding-bottom: 5em;
position: fixed;
width: 100%;
bottom: 2em;
}
#b-nav ul {
margin: 0;
padding: 0.5em;
list-style-type: none;
text-align: center;
}
#b-nav ul li {
display: inline;
}
#b-nav ul li a {
text-decoration: none;
padding: .2em 1em;
background-color: black;
opacity: 0.4;
filter: alpha(opacity=40); /* For IE8 and earlier */
}
.hold {
width: 100%;
text-align: left;
}
#gen {
outline: none;
padding-top: 5px;
text-decoration: none;
opacity: 0.6;
background-color: black;
color: white;
border: thin solid white;
```

```
height: 40px;
width: 100px;
border-radius: 2px;
transition: 0.5s;
padding-bottom: 5px;
}
#gen:hover {
background-color: white;
color: black;
border: thin solid black;
opacity: 0.8;
}
#gen a {
text-decoration: none;
#date {
color: white;
@media screen
and (max-device-width: 800px)
and (max-device-height: 640px)
and (-webkit-device-pixel-ratio: 2)
and (orientation: portrait) {
p {
font-size: 1em;
}
.fa-twitter {
font-size: 30px !important;
margin-left: 20px;
}
</style>
<link rel="stylesheet" type="text/css"</pre>
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/fontawesome.min.css">
<body onload="startTime(); startDate()">
<div class="container">
<div id="date"></div>
<div id="display"></div>
<div id="content">
<div class="logged"> </div>
"SUCCESSFUL!"
<a href="\table"><button type="button">ZONE LIST</button></a>
<a href="\addzone"><button type="button">ADD ZONE</button></a>
```

```
<a href="\removezone"><button type="button">REMOVE
ZONE</button></a>
</div>
</div>
</body>
</html>
table.html
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
<style>
html, body {
overflow-x: hidden;
overflow-y: hidden;
height: 100%;
width: 100%;
position: absolute;
background-color: black;
background-image: url('https://wallpapercave.com/wp/5KLTq1z.jpg');
background-repeat: no-repeat;
background-size: cover;
background-position: top;
z-index: -2;
}
#display {
color: white;
font-size: 2.9em;
top: 10px;
border-bottom: thin solid;
padding-bottom: 20px;
opacity: 0.80;
filter: alpha(opacity=80); /* For IE8 and earlier */
}
#date {
color: white;
font-size: 1.3em;
font-family: Georgia, "Times New Roman", Times, serif;
font-weight: normal;
letter-spacing: 0.2em;
```

```
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
}
#footer {
width: 100%;
height: 40px;
position: fixed;
bottom: -1px;
background-color: white;
text-align: center;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
}
#line {
width: 100%;
bottom: 4em;
position: fixed;
border-bottom: solid white;
padding: 15px;
opacity: 0.5;
filter: alpha(opacity=50); /* For IE8 and earlier */
}
.navbar {
position: fixed;
width: 100%;
opacity: 0.6;
filter: alpha(opacity=60); /* For IE8 and earlier */
.wrapper {
background-color: red;
}
span {
border-radius: 100px;
opacity: 0.75;
filter: alpha(opacity=75); /* For IE8 and earlier */
}
#content {
height: 45em;
} p {
max-width: 30em;
color: white;
font-family: "Adobe Caslon Pro", "Hoefler Text", Georgia, Garamond,
Times, serif;
letter-spacing:0.1em;
```

```
text-align:center;
margin: 40px auto;
text-transform: lowercase;
line-height: 145%;
font-size: 2em;
font-variant: small-caps;
}
p:hover{
text-decoration: none;
}
.container {
padding-top: 6em;
text-align: center;
#b-nav {
padding-bottom: 5em;
position: fixed;
width: 100%;
bottom: 2em;
}
#b-nav ul {
margin: 0;
padding: 0.5em;
list-style-type: none;
text-align: center;
}
#b-nav ul li {
display: inline;
}
#b-nav ul li a {
text-decoration: none;
padding: .2em 1em;
background-color: black;
opacity: 0.4;
filter: alpha(opacity=40); /* For IE8 and earlier */
}
.hold {
width: 100%;
text-align: left;
}
#gen {
outline: none;
padding-top: 5px;
text-decoration: none;
```

```
opacity: 0.6;
background-color: black;
color: white;
border: thin solid white;
height: 40px;
width: 100px;
border-radius: 2px;
transition: 0.5s;
padding-bottom: 5px;
#gen:hover {
background-color: white;
color: black;
border: thin solid black;
opacity: 0.8;
}
#gen a {
text-decoration: none;
}
#date {
color: white;
}
@media screen
and (max-device-width: 800px)
and (max-device-height: 640px)
and (-webkit-device-pixel-ratio: 2)
and (orientation: portrait) {
p {
font-size: 1em;
}
}
.fa-twitter {
font-size: 30px !important;
margin-left: 20px;
}
</style>
<link rel="stylesheet" type="text/css"</pre>
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/fontawesome.min.css">
<body onload="startTime(); startDate()">
<div class="container">
<div id="date"></div>
<div id="display"></div>
<div id="content">
```

```
<div class="logged"> </div>
"SUCCESSFUL!"
<a href="\table"><button type="button">ZONE LIST</button></a>
<a href="\addzone"><button type="button">ADD ZONE</button></a>
<a href="\removezone"><button type="button">REMOVE
ZONE</button></a>
</div>
</div>
</div>
</body>
</html>
```

## visitedzone.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
<meta name="description" content="Start your development with a Dashboard
for Bootstrap 4.">
<meta name="author" content="Creative Tim">
<title>BESAFE | VISITEDZONES</title>
<!-- Favicon -->
<link rel="icon" href="static/img/brand/favicon.png" type="image/png">
<!-- Fonts -->
k rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700">
<!-- Icons -->
k rel="stylesheet" href="static/vendor/nucleo/css/nucleo.css"
type="text/css">
k rel="stylesheet" href="static/vendor/@fortawesome/fontawesomefree/css/all.min.css"
tvpe="text/css">
<!-- Page plugins -->
<!-- Argon CSS -->
k rel="stylesheet" href="static/css/argon.css?v=1.2.0"
type="text/css">
</head>
<body>
<!-- Sidenav -->
<nav class="sidenav navbar navbar-vertical fixed-left navbar-expand-xs"
navbar-light bg-white" id="sidenav-main">
```

```
<div class="scrollbar-inner">
<!-- Brand -->
<div class="sidenav-header align-items-center">
<a class="navbar-brand" href="javascript:void(0)">
<img src="static/images/Besafelogo.png" class="navbar-brand-img"
alt="...">
</a>
</div>
<div class="navbar-inner">
<!-- Collapse -->
<div class="collapse navbar-collapse" id="sidenav-collapse-main">
<!-- Nav items -->
class="nav-item">
<a class="nav-link active" href="/dashboard">
<i class="ni ni-tv-2 text-primary"></i>
<span class="nav-link-text">Dashboard</span>
</a>
class="nav-item">
<a class="nav-link" href="/verify">
<i class="ni ni-pin-3 text-primary"></i>
<span class="nav-link-text">Verify your location</span>
</a>
class="nav-item">
<a class="nav-link" href="">
<i class="ni ni-bullet-list-67 text-default"></i>
<span class="nav-link-text">Visited zones</span>
</a>
<!-- Divider -->
<hr class="my-3">
<!-- Navigation -->
</div>
</div>
</div>
</nav>
<!-- Main content -->
<div class="main-content" id="panel">
<!-- Topnav -->
<nav class="navbar navbar-top navbar-expand navbar-dark bg-primary
```

```
border-bottom">
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<!-- Search form -->
<form class="navbar-search navbar-search-light form-inline mr-sm3" id="navbar-search-main">
<div class="form-group mb-0">
<div class="input-group input-group-alternative input-groupmerge">
<div class="input-group-prepend">
<span class="input-group-text"><i class="fas fasearch"></i></span>
</div>
<input class="form-control" placeholder="Search"
type="text">
</div>
</div>
<button type="button" class="close" data-action="search-close"
data-target="#navbar-search-main" aria-label="Close">
<span aria-hidden="true">x</span>
</button>
</form>
<!-- Navbar links -->
cli class="nav-item d-xl-none">
<!-- Sidenav toggler -->
<div class="pr-3 sidenav-toggler sidenav-toggler-dark" dataaction="sidenav-pin" data-
target="#sidenav-main">
<div class="sidenav-toggler-inner">
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
</div>
</div>
cli class="nav-item d-sm-none">
<a class="nav-link" href="#" data-action="search-show" datatarget="#navbar-search-main">
<i class="ni ni-zoom-split-in"></i>
</a>
<a class="nav-link pr-0" href="#" role="button" datatoggle="dropdown" aria-haspopup="true"
aria-expanded="false">
<div class="media align-items-center">
<span class="avatar avatar-sm rounded-circle">
```

```
<img alt="Image placeholder"
src="static/images/icon.jpg">
</span>
<div class="media-body ml-2 d-none d-lg-block">
<span class="mb-0 text-sm font-weightbold">{{user}}</span>
</div>
</div>
</a>
<div class="dropdown-menu dropdown-menu-right">
<div class="dropdown-header noti-title">
<h6 class="text-overflow m-0">Welcome!</h6>
</div>
<a href="#!" class="dropdown-item">
<i class="ni ni-single-02"></i>
<span>My profile</span>
</a>
<a href="#!" class="dropdown-item">
<i class="ni ni-settings-gear-65"></i>
<span>Settings</span>
</a>
<div class="dropdown-divider"></div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-user-run"></i>
<span>Logout</span>
</a>
</div>
</div>
</div>
</nav>
<!-- Header -->
<!-- Header -->
<div class="header bg-primary pb-6">
<div class="container-fluid">
<div class="header-body">
<div class="row align-items-center py-4">
<div class="col-lg-6 col-7">
<h6 class="h2 text-white d-inline-block mb-0">Default</h6>
<nay aria-label="breadcrumb" class="d-none d-md-inline-block
ml-md-4">
<a href="#"><i class="fas fahome"></i></a>
cli class="breadcrumb-item"><a</li>
```

```
href="#">Dashboards</a>
Default
</nav>
</div>
</div>
<!-- Card stats -->
<div class="login text-center mt-5">
<h1 style="color:white;"> VISITED ZONES </h1>
<div class="msg" style="color:white;">{{ msg }}</div>
<div class="visitedzones" style="color:yellow;">{{ visitedzones
}}</div>
</div>
<!-- Footer -->
<footer class="footer pt-0">
<div class="row align-items-center justify-content-lg-between">
<div class="col-lg-6">
<div class="copyright text-center text-lg-left text-muted">
© 2021 <a href="https://www.instagram.com/asuvath.in/"
class="font-weight-bold ml-1" target=" blank">@asuvath.in</a>
</div>
</div>
<div class="col-lg-6">
<a href="/" class="nav-link" target="_blank">About Us.</a>
</div>
</div>
</footer>
</div>
</div>
<!-- Argon Scripts -->
<!-- Core -->
<script src="static/vendor/jquery/dist/jquery.min.js"></script>
src="static/vendor/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
<script src="static/vendor/js-cookie/js.cookie.js"></script>
<script
src="static/vendor/jquery.scrollbar/jquery.scrollbar.min.js"></script>
<script src="static/vendor/jquery-scroll-lock/dist/jqueryscrollLock.min.js"></script>
<!-- Optional JS -->
<script src="static/vendor/chart.js/dist/Chart.min.js"></script>
```

## zone deletion.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
<meta name="description" content="Start your development with a Dashboard
for Bootstrap 4.">
<meta name="author" content="Creative Tim">
<title>BESAFE | VISITEDZONES</title>
<!-- Favicon -->
<link rel="icon" href="static/img/brand/favicon.png" type="image/png">
<!-- Fonts -->
<link rel="stylesheet"</pre>
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700">
<!-- Icons -->
k rel="stylesheet" href="static/vendor/nucleo/css/nucleo.css"
type="text/css">
k rel="stylesheet" href="static/vendor/@fortawesome/fontawesomefree/css/all.min.css"
type="text/css">
<!-- Page plugins -->
<!-- Argon CSS -->
k rel="stylesheet" href="static/css/argon.css?v=1.2.0"
type="text/css">
</head>
<body>
<!-- Sidenav -->
<nav class="sidenav navbar navbar-vertical fixed-left navbar-expand-xs"
navbar-light bg-white" id="sidenav-main">
```

```
<div class="scrollbar-inner">
<!-- Brand -->
<div class="sidenav-header align-items-center">
<a class="navbar-brand" href="javascript:void(0)">
<img src="static/images/Besafelogo.png" class="navbar-brand-img"
alt="...">
</a>
</div>
<div class="navbar-inner">
<!-- Collapse -->
<div class="collapse navbar-collapse" id="sidenav-collapse-main">
<!-- Nav items -->
class="nav-item">
<a class="nav-link active" href="/dashboard">
<i class="ni ni-tv-2 text-primary"></i>
<span class="nav-link-text">Dashboard</span>
</a>
class="nav-item">
<a class="nav-link" href="/verify">
<i class="ni ni-pin-3 text-primary"></i>
<span class="nav-link-text">Verify your location</span>
</a>
class="nav-item">
<a class="nav-link" href="">
<i class="ni ni-bullet-list-67 text-default"></i>
<span class="nav-link-text">Visited zones</span>
</a>
<!-- Divider -->
<hr class="my-3">
<!-- Navigation -->
</div>
</div>
</div>
</nav>
<!-- Main content -->
<div class="main-content" id="panel">
<!-- Topnav -->
<nav class="navbar navbar-top navbar-expand navbar-dark bg-primary
```

```
border-bottom">
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<!-- Search form -->
<form class="navbar-search navbar-search-light form-inline mr-sm3" id="navbar-search-main">
<div class="form-group mb-0">
<div class="input-group input-group-alternative input-groupmerge">
<div class="input-group-prepend">
<span class="input-group-text"><i class="fas fasearch"></i></span>
</div>
<input class="form-control" placeholder="Search"
type="text">
</div>
</div>
<button type="button" class="close" data-action="search-close"
data-target="#navbar-search-main" aria-label="Close">
<span aria-hidden="true">x</span>
</button>
</form>
<!-- Navbar links -->
cli class="nav-item d-xl-none">
<!-- Sidenav toggler -->
<div class="pr-3 sidenav-toggler sidenav-toggler-dark" dataaction="sidenav-pin" data-
target="#sidenav-main">
<div class="sidenav-toggler-inner">
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
</div>
</div>
cli class="nav-item d-sm-none">
<a class="nav-link" href="#" data-action="search-show" datatarget="#navbar-search-main">
<i class="ni ni-zoom-split-in"></i>
</a>
<a class="nav-link pr-0" href="#" role="button" datatoggle="dropdown" aria-haspopup="true"
aria-expanded="false">
<div class="media align-items-center">
<span class="avatar avatar-sm rounded-circle">
```

```
<img alt="Image placeholder"
src="static/images/icon.jpg">
</span>
<div class="media-body ml-2 d-none d-lg-block">
<span class="mb-0 text-sm font-weightbold">{{user}}</span>
</div>
</div>
</a>
<div class="dropdown-menu dropdown-menu-right">
<div class="dropdown-header noti-title">
<h6 class="text-overflow m-0">Welcome!</h6>
</div>
<a href="#!" class="dropdown-item">
<i class="ni ni-single-02"></i>
<span>My profile</span>
</a>
<a href="#!" class="dropdown-item">
<i class="ni ni-settings-gear-65"></i>
<span>Settings</span>
</a>
<div class="dropdown-divider"></div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-user-run"></i>
<span>Logout</span>
</a>
</div>
</div>
</div>
</nav>
<!-- Header -->
<!-- Header -->
<div class="header bg-primary pb-6">
<div class="container-fluid">
<div class="header-body">
<div class="row align-items-center py-4">
<div class="col-lg-6 col-7">
<h6 class="h2 text-white d-inline-block mb-0">Default</h6>
<nay aria-label="breadcrumb" class="d-none d-md-inline-block
ml-md-4">
<a href="#"><i class="fas fahome"></i></a>
cli class="breadcrumb-item"><a</li>
```

```
href="#">Dashboards</a>
Default
</nav>
</div>
</div>
<!-- Card stats -->
<div class="login text-center mt-5">
<h1 style="color:white;"> VISITED ZONES </h1>
<div class="msg" style="color:white;">{{ msg }}</div>
<div class="visitedzones" style="color:yellow;">{{ visitedzones
}}</div>
</div>
<!-- Footer -->
<footer class="footer pt-0">
<div class="row align-items-center justify-content-lg-between">
<div class="col-lg-6">
<div class="copyright text-center text-lg-left text-muted">
© 2021 <a href="https://www.instagram.com/asuvath.in/"
class="font-weight-bold ml-1" target=" blank">@asuvath.in</a>
</div>
</div>
<div class="col-lg-6">
<a href="/" class="nav-link" target="_blank">About Us.</a>
</div>
</div>
</footer>
</div>
</div>
<!-- Argon Scripts -->
<!-- Core -->
<script src="static/vendor/jquery/dist/jquery.min.js"></script>
src="static/vendor/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
<script src="static/vendor/js-cookie/js.cookie.js"></script>
<script
src="static/vendor/jquery.scrollbar/jquery.scrollbar.min.js"></script>
<script src="static/vendor/jquery-scroll-lock/dist/jqueryscrollLock.min.js"></script>
<!-- Optional JS -->
<script src="static/vendor/chart.js/dist/Chart.min.js"></script>
```

## zone update.html.

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
<meta name="description" content="Start your development with a Dashboard
for Bootstrap 4.">
<meta name="author" content="Creative Tim">
<title>BESAFE | ZONEDELETION</title>
<!-- Favicon -->
k rel="icon" href="static/img/brand/favicon.png" type="image/png">
<!-- Fonts -->
<link rel="stylesheet"</pre>
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600,700">
<!-- Icons -->
k rel="stylesheet" href="static/vendor/nucleo/css/nucleo.css"
type="text/css">
rel="stylesheet" href="static/vendor/@fortawesome/fontawesomefree/css/all.min.css"
type="text/css">
<!-- Page plugins -->
<!-- Argon CSS -->
k rel="stylesheet" href="static/css/argon.css?v=1.2.0"
type="text/css">
</head>
<body>
<!-- Sidenay -->
<nav class="sidenav navbar navbar-vertical fixed-left navbar-expand-xs"
navbar-light bg-white" id="sidenav-main">
<div class="scrollbar-inner">
```

```
<!-- Brand -->
<div class="sidenav-header align-items-center">
<a class="navbar-brand" href="javascript:void(0)">
<img src="static/images/Besafelogo.png" class="navbar-brand-img"</pre>
alt="...">
</a>
</div>
<div class="navbar-inner">
<!-- Collapse -->
<div class="collapse navbar-collapse" id="sidenav-collapse-main">
<!-- Nav items -->
cli class="nav-item">
<a class="nav-link active" href="/admin">
<i class="ni ni-tv-2 text-primary"></i>
<span class="nav-link-text">Dashboard</span>
</a>
cli class="nav-item">
<a class="nav-link" href="/countupdate">
<i class="ni ni-pin-3 text-primary"></i>
<span class="nav-link-text">COUNT UPDATE</span>
</a>
cli class="nav-item">
<a class="nav-link" href="/zoneupdate">
<i class="ni ni-bullet-list-67 text-default"></i>
<span class="nav-link-text">ZONE UPDATE</span>
</a>
cli class="nav-item">
<a class="nav-link" href="">
<i class="ni ni-fat-remove text-default"></i>
<span class="nav-link-text">ZONE DELETION</span>
</a>
<!-- Divider -->
<hr class="my-3">
<!-- Navigation -->
</div>
</div>
</div>
</nav>
<!-- Main content -->
```

```
<div class="main-content" id="panel">
<!-- Topnav -->
<nav class="navbar navbar-top navbar-expand navbar-dark bg-primary
border-bottom">
<div class="container-fluid">
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<!-- Search form -->
<form class="navbar-search navbar-search-light form-inline mr-sm3" id="navbar-search-main">
<div class="form-group mb-0">
<div class="input-group input-group-alternative input-groupmerge">
<div class="input-group-prepend">
<span class="input-group-text"><i class="fas fasearch"></i></span>
</div>
<input class="form-control" placeholder="Search"</pre>
type="text">
</div>
</div>
<button type="button" class="close" data-action="search-close"
data-target="#navbar-search-main" aria-label="Close">
<span aria-hidden="true">×</span>
</button>
</form>
<!-- Navbar links -->
<!-- Sidenay toggler -->
<div class="pr-3 sidenav-toggler</pre>
                                 sidenay-toggler-dark" dataaction="sidenay-pin"
target="#sidenav-main">
<div class="sidenav-toggler-inner">
<i class="sidenay-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
<i class="sidenav-toggler-line"></i>
</div>
</div>
<a class="nav-link" href="#" data-action="search-show" datatarget="#navbar-search-main">
<i class="ni ni-zoom-split-in"></i>
\langle a \rangle
<a class="nav-link pr-0" href="#" role="button" datatoggle="dropdown" aria-haspopup="true"
aria-expanded="false">
<div class="media align-items-center">
```

```
<span class="avatar avatar-sm rounded-circle">
<img alt="Image placeholder"
src="static/images/icon.jpg">
</span>
<div class="media-body ml-2 d-none d-lg-block">
<span class="mb-0 text-sm font-weightbold">{{user}}</span>
</div>
</div>
</a>
<div class="dropdown-menu dropdown-menu-right">
<div class="dropdown-header noti-title">
<h6 class="text-overflow m-0">Welcome!</h6>
</div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-single-02"></i>
<span>My profile</span>
\langle a \rangle
<a href="#!" class="dropdown-item">
<i class="ni ni-settings-gear-65"></i>
<span>Settings</span>
</a>
<div class="dropdown-divider"></div>
<a href="/logout" class="dropdown-item">
<i class="ni ni-user-run"></i>
<span>Logout</span>
</a>
</div>
</div>
</div>
</nav>
<!-- Header -->
<!-- Header -->
<div class="header bg-primary pb-6">
<div class="container-fluid">
<div class="header-body">
<div class="row align-items-center py-4">
<div class="col-lg-6 col-7">
<h6 class="h2 text-white d-inline-block mb-0">Default</h6>
<nav aria-label="breadcrumb" class="d-none d-md-inline-block
ml-md-4">

    class="breadcrumb breadcrumb-links breadcrumb-dark">

class="breadcrumb-item"><a href="#"><i class="fas fahome"></i></a></a>
cli class="breadcrumb-item"><a</li>
href="#">Dashboards</a>
```

```
Default
</01>
</nav>
</div>
<div class="col-lg-6 col-5 text-right">
<a href="#" class="btn btn-sm btn-neutral">Refresh</a>
</div>
</div>
<!-- Card stats -->
<div class="login text-center mt-5">
<h1 style="color:white;"> ZONE DELETION </h1>
<form action="/zonedeletion" method="post">
<div class="msg">{{ msg }}</div>
<br/>type="text" style="text-transform:uppercase"
name="state" placeholder="STATE" id="state" required><br>
                                  style="texttransform:uppercase"
<br/>br><input
                 type="text"
                                                                      name="district"
placeholder="DISTRICT" id="district"
required><br>
<br><input type="text" style="texttransform:uppercase" name="area" placeholder="CITY"</pre>
id="city" required><br>
<button type="submit" id="button" class="btn btn-dark"> DELETE
</button>
</form>
</div>
<!-- Footer -->
<footer class="footer pt-0">
<div class="row align-items-center justify-content-lg-between">
<div class="col-lg-6">
<div class="copyright text-center text-lg-left text-muted">
© 2021 <a href="https://www.instagram.com/asuvath.in/"
class="font-weight-bold ml-1" target="_blank">@asuvath.in</a>
</div>
</div>
<div class="col-lg-6">
cli class="nav-item">
<a href="/" class="nav-link" target="_blank">About Us.</a>
</div>
</div>
</footer>
</div>
</div>
<!-- Argon Scripts -->
<!-- Core -->
```

```
<script src="static/vendor/jquery/dist/jquery.min.js"></script>
<script
src="static/vendor/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
<script src="static/vendor/js-cookie/js.cookie.js"></script>
<script
src="static/vendor/jquery.scrollbar/jquery.scrollbar.min.js"></script>
<script src="static/vendor/jquery-scroll-lock/dist/jqueryscrollLock.min.js"></script>
<!-- Optional JS -->
<script src="static/vendor/chart.js/dist/Chart.min.js"></script>
<script src="static/vendor/chart.js/dist/Chart.extension.js"></script>
<!-- Argon JS -->
<script src="static/js/argon.js?v=1.2.0"></script>
</div>
</div>
</body>
</html>
```

## **GITHUB LOGIN**

https://github.com/IBM-EPBL/IBM-Project-26822-1660038568