

**Instruction manual** 

# **INDEX**

1 Installation	3
2 Setup	4
3 Site preview page	7
4 Admin page	8
5 Client page	10
6 Real time tracker	12
7 Manual testing	14
8 Site preview	15
9 Summary	24
10 API	25
11 Command list	26
12 File list	29

### **Installation**

### **Setup Environment**

Required

LAMP, PHP, MySQL, or XAMP, IDE

### LAMP, PHP, MYSQL using XAMP for windows and MAC

https://www.apachefriends.org/download.html

### *IDE*

http://brackets.io/

or any other preferred tool

#### **Source File**

https://mega.nz/folder/nsxiRYCL#6zi\_cS8JC1ytlbcqBPBNBQ

### **Extract to**

Installation path/ htdocs/

htdocs is public folder which is home page for the server

### Run the LAMP

Check LAMP is working

### **Setup Database**

### Open MYSQL client

- 1) Create a database with any name
- 2) Import the SQL file in source file named sesa6client
- 3) Start the MYSQL client

### Note

MYSQL Client should be configured with following details

Server : localhost

Username: root

**Pwd** : ""

**Database**: database name you have created

# To change default MYSQL client detail in webpage

The following pages should be manually edited in order to give custom MYSQL client details

### Sesa6care

```
data.php
datapage.php
datapage2.php
hisdata.php
tranpage.php
updated.php
locatepage.php
API
      index.php
manual-testing
      insertrecord
             index.php
             tmpaged.php
      delete
             data.php
             tmpagedt.php
```

# **Sesa6client**

```
data.php
datapage.php
datapage2.php
hisdata.php
tranpage.php
updated.php
locatepage.php
manual-testing
      insertrecord
             index.php
             tmpaged.php
      delete
             data.php
             tmpagedt.php
login
      index.php
      lpaged.php
register
      lpaged.php
      lpaged2.php
```

# Sesa6app

```
datart.php
```

# manual-testing

### insertrecord

index.php

tmpaged.php

### delete

data.php

tmpagedt.php

### **Site Preview**

**Url:** <a href="http://sesa6care.000webhostapp.com/">http://sesa6care.000webhostapp.com/</a>

Site preview explains the page structure and available page options.

It lists down 3 main sites

- 1) Admin page
- 2) Client page
- 3) Accident tracker

It also lists down 2 sites used for manual testing

- 1) Insert record to insert a record manually without device
- 2) Delete page to manually remove an entry from page

### Admin page

**Url:** http://sesa6care.000webhostapp.com/sesa6care/

The admin page is used to view the details of the accident records and the whole control lies within the entire information available in the admin page.

#### Fields:

- 1. Home
- 2. Settings
- 3. Recent Event

#### Home:

When the home filed is clicked, this will allow us to visit the main admin page. For example, if the admin visits the recent events and want to visit the admin page, home is used to go back to the page.

Attributes present in the Admin page:

- 1. Icon vehicle: describes the type of the vehicle. It may be a bus, car, truck etc. The vehicle image is shown in this field.
- 2. Device ID: it is a main key which is used to track the information about the vehicle when an accident occurs.
- 3. Owner Name: name of the owner of the vehicle. The details about the owner is displayed in the owner info.
- 4. Vehicle ID: describes number plate of a vehicle.
- 5. Severity: describes the impact of the incident on a scale of 1 to 3. (1-mild 2-moderate 3-severe)
- 6. *Time Stamp:* Date and time of the accident took place is displayed in this field. The time is displayed including the seconds to track the details easily.
- 7. *Department Contacted:* departments included in this field are Hospital, Police Station and Fire. When the accident details are recorded, the departments which accept the service are shown in this field.
- 8. *Location:* When the location icon is clicked, it displays the map with certain location points. The location of the accident occurred and nearest services available are shown.

Also, the updated time of the accident in the server is shown. It is displayed in three different ways.

- Red colour- The time is shown in red colour if no one has accepted to provide the service.
- Yellow colour-When certain departments could not accept and transfer the accident data to the other departments, time of the accident is shown in yellow colour.
- Green colour-When the department accepts the request and is ready to provide the service, then the time is shown in green colour. This means that the accident occurred area will be visited soon so that the service is being provided by the contacted departments.



#### **History:**

http://sesa6care.000webhostapp.com/sesa6care/history.html

history shows the records of every accident in the above format thought-out timeline

When a particular record is clicked, it redirects to the new page which displays the information about the owner, vehicle and the departments contacted.

http://sesa6care.000webhostapp.com/sesa6care/detailpage.php?DeviceID=D20202%202020-07-15%2015:09:00

The fields in this page are owner info, vehicle info, department contacted.

#### • Owner Info:

Name – name of the vehicle owner

Age – age of the owner(years)

Sex – gender

Address – owner's address

Phone No – mobile number

Family Contact 1 – owner's family contact number

Family Contact 2 – owner's family contact number

Blood Group – blood group details

#### Vehicle Info:

Vehicle ID – ID present on the number plate of the vehicle

Type – type of the vehicle (car, jeep, truck, bus, etc.)

Brand – brand of the vehicle

Model – model name

Dimension – any one of the dimensions (length, height, etc.)

Air Bags – number of air bags present in the vehicle

Capacity – capacity indicates the number of people who can travel using the vehicle

Licence No – licence number of the vehicle is displayed

#### • Department Contacted:

Department details - Hospital, Police Station, Fire Station Location - Address, Latitude and Longitude specification.

In this field, only the departments which accepted the request to provide the service are available. Here the admin has an option to request the service from other departments also. When the 'Add' button is clicked, it redirects to the map which shows the nearest department locations available. Copying the department ID and entering the ID to update will allow the admin to request the service from the other departments also.

#### • Locate:

The locate button allows the admin to view the location of the accident occurred and the location of the departments which accepted the request.

- > The yellow line in the map indicates the distance between the accident occurred location and the police station.
  - When the location point of the police station is clicked, complete info about the police station is displayed
- The white line in the map indicates the distance between the accident occurred location and the hospital. When the location point of the hospital is clicked, complete info about the hospital is displayed.
- > The red line in the map indicates the distance between the accident occurred location and the fire station. When the location point of the fire station is clicked, complete info about the fire station is displayed.

#### **Recent Event:**

Recent event button will check for the new records which are updated and displays the updated information.

### Client page

### Url: http://sesa6care.000webhostapp.com/sesa6client/login/

The role of client in this site is to respond to the emergency service request. The clients who provide the services are hospital, fire, police department. The client page contains two main fields.

- 1. Login
- 2. Register

If the client is an existing user, then he can directly login with the details to provide his services. If the client is a new user, then he should to register to obtain the login details.

### **Register:**

#### http://sesa6care.000webhostapp.com/sesa6client/register/

The client has to select the department in which he should register. Depending on the department he selects the background image of the web page changes. The client has to fill the following details to register:

- 1. Department Name name of the department (Full name of the hospital or police station or fire station)
- 2. Department short name the name of the department in two or three words
- 3. Department Address Address of the client service station
- 4. Department short address Address of the client service station in two or three words
- 5. Department Phone number phone number of the client service station
- 6. Department Location (lon, lat) latitude and longitude coordinates of the client service station
- 7. Department Location zip zip code of the service station
- 8. Department Webpage It is the URL of the client service station webpage
- 9. Department Category specialisation of the client service in particular department
- 10. Department Service type of service provided by client (example: general, emergency etc.)

When the user registers, a new Department ID is generated and it is shown on the screen. Here, Department ID will be generated in the following format:

Starting letter of department + zip code of the area + record index

For example, if the client belongs to the hospital department, then the ID will be generated as H5173251.

A file will be downloaded as an acknowledgement for the user.

#### Login:

Login page allows the client to provide his services. Department Id and Security key details are to be entered to login.

http://sesa6care.000webhostapp.com/sesa6client/index.php

When the client login in to the page, the page contains the following fields:

- 1. Home
- 2. Settings
- 3. Logout

#### Home:

When the home filed is clicked, this will allow us to visit the main client page. For example, if the client visits the recent events and want to visit the client page, home is used to go back to the page

Attributes present in the Client Page:

The attributes present in the client page are similar to the attributes present in the admin page. Few new attributes are added in client page to understand the severity of the accident and the action taken.

- Age age of the vehicle owner (in years)
- Sex gender (male or female)
- Blood group blood group is shown to provide the emergency service
- Action accept or transfer



When an accident occurs and the request is sent to the departments, the record will be shown in the above format in the client's page. A client can accept the request or he can transfer the request to other nearest departments if he cannot provide the service.

### Two Main functionalities

### Case 1 – accepting the request:

Accepting request ensure that contacted department takes care of the incident.

When the client accepts the request, then it redirects to the more info page. The fields in the more info page are similar to the ones present in the admin's more info page. The following info is displayed:

- 1. Owner info
- 2. Vehicle info
- 3. Department Contacted
- 4. Locate

Here 'Add' option is not present in the Department contacted field. Only the admin will have the option to add other services.

Before accepting the request, time label will be shown in red colour. Once the request is accepted, the time label changes to green colour. Locate button is used to track the location of the accident and the services are provided immediately by the client after accepting the request.

#### Case 2 – transfer to another department:

If the client is not able to provide his services at the required time, then he can transfer the request to the other departments by clicking the 'Transfer' button.

#### Steps included to transfer the request are:

- 1. When the client clicks transfer button, map opens and the nearest client service stations are shown. If the client belongs to hospital department, nearest hospitals are shown in the map.
- 2. The client has to select any service station location point and copy the Department ID and update the ID in the site to transfer the request.

When the request is transferred, the time label changes to orange colour.

### **Settings:**

http://sesa6care.000webhostapp.com/sesa6client/history.php

Settings history shows the records of every accident associated with the client.

When a particular record is clicked, it redirects to the new page which displays the information about the owner, vehicle and the departments contacted, locate.

http://sesa6care.000webhostapp.com/sesa6client/detailpage.php?DeviceID=D20202%202020-07-15%2015:09:00

The fields in this more info page are similar to the ones that are present in the admin's more info page. Only difference is that the 'add' option is not present in the Departments contacted field.

#### Logout:

When the client clicks logout button, it will be directed to the main client page.

### **Real Time Accident Tracker**

**Url:** http://sesa6care.000webhostapp.com/sesa6app/

### **Description:**

Real Time Accident Tracker is helpful to see the accidents happening it the real time. The data of accidents are stored in the database in the excel sheets (.xls). the purpose of these sheets is for examining and analyzing the data. This data can be used by students, researchers, people, government, etc., for research purpose to analyze the accidents and to research further about the nature of the accidents. this data is updated every 24 hours in the real time tracker, and shows data of new records and stores the records so here we can track the accidents in a day happened.

#### Two mode of functionality

**Real time:** This is the database which have the details of the accidents happening in real time and updates for every 24 hours which is stored in the excel sheets.

*Filter:* filtering purpose is meant for retrieving the details for a certain period of time. It shows the details of the accidents in the period which we need to be and after applying this attribute the map also will automatically update and shows the locations of the accidents. Here we have to fill details of two attributes from and to.

From: The starting date from which we need the records of accidents.

**To:** The ending/final date upto which we need the records of accidents.

From both the attributes we can get the excel sheet using export option

It contains the attributes like

**1.**vehicle Type—describes type of the vehicle (car, jeep, truck, bus, etc.)

**2.** Age- age of the owner(years)

3.Sex-gender

**4.***Blood\_Group*- blood group details

**5.**Severity- describes the scale of impact ranges from 1 to 3. (1-mild 2-moderate 3-severe)

6.Brand-brand of the vehicles involved in accident

7.Model - the vehicles model name involved in accident

**8.Dimension** – any one of the dimensions (length, height, etc.)

9.Air Bags – number of air bags present in the vehicle

10.Capacity – capacity indicates the number of people who can travel using the vehicle

11. Timestamp Date and Time-Date and time of the accident took place is displayed in this field.

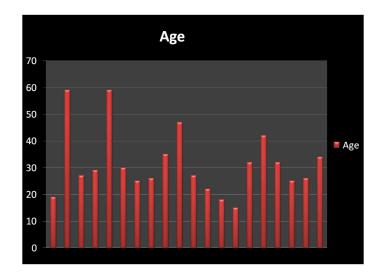
**12.** Department contacted- The departments included in this field are Hospital, Police Station and Fire station.

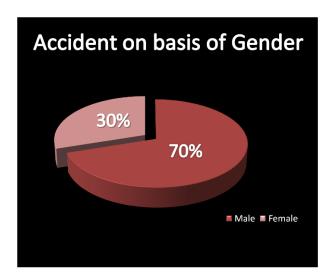
**13.**Location - location of accident (latitude and longitude)

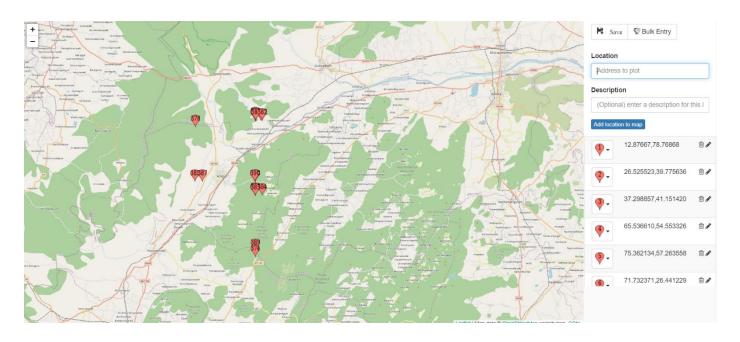
**14.**Location word- Name of the location in words

The exported data can be visualized

(30 records extracted and visualized on various parameters)







## **Manual Testing**

### *Url:* http://sesa6care.000webhostapp.com/sesa6care/manual-testing/insertrecord/

### Insert record is used for the purpose of manually insert a new record without a need of device into the website

To test the working of the website the following fields should be filled and registered.

- 1. Device ID the Device Id of the vehicle (example: D20201)
- 2 Severity severity index of the accident. It ranges from 1 to  $3(1 mild\ 2 moderate\ 3 severe)$
- 3 Department Contacted select the departments which are required
- 4 Location (Lon, Lat) longitude and latitude coordinates of the place where accident occurred
- 5 Address Address of the accident location (It can be 'unnamed' if not known)
- 6 Picture indicates a picture of impact is send along with message
- 7 SOS –indicates that sos have contacted (if contacted through device YES and NO if not)
- 8 Accident time exact accident occurred date and time
- 9 Update time date and time of the accident when it is updated in the database

Fill and Register the above details to test the working of the website.

### Delete Record page:

http://sesa6care.000webhostapp.com/sesa6care/manual-testing/deleterecord/

The records which are registered for testing the website can be manually deleted using the delete page.

All the records which are registered for manual testing are shown in this page. By clicking the delete option in the action field, the record gets deleted.

### C:\SESA6CARE -public\_html .htaccess admin.svg api.doc customer.svg dlpage.svg ecw.mp3

index.html

inserpage.svg jquery-3.5.0.js listening.mp3 load-area.svg qc.svg

sesaclient.sql sot.mp3

tracd.svg

### -sesa6app

```
close.svg
datart.php
index.html
```

jquery-3.4.1.slim.js

jquery-3.4.1.slim.min.js

jquery-3.5.0.js left-arrow.svg

magnifying-glass.svg

menu.svg

nav-button-d-png.png

nav-button-d-svg.svg

nav-button-home-light-png.png

nav-button-home-light-svg.svg

nav-button-light-png.png

nav-button-light-svg.svg

responsivevoice.js

-Group 35.png Group 35.png -Group 37.png Group 37.png -help admin.svg customer.svg dlpage.svg index.html inserpage.svg tracd.svg

-logo rectan.png —logo rectan.png -logo rectan.svg —logo rectan.svg -logo t.png —logo t.png -logo t.svg -logo t.svg

-manual-testing -deleterecord

```
data.php
hospital.png
index.html
jquery-3.4.1.slim.js
jquery-3.4.1.slim.min.js
jquery-3.5.0.js
left-arrow.svg
locationmap.png
locationmap.svg
menu.svg
nav-button-d-png.png
nav-button-d-svg.svg
nav-button-home-light-png.png
nav-button-home-light-svg.svg
nav-button-light-png.png
nav-button-light-svg.svg
photo-camera.svg
place.png
police.png
sev1.png.png
sev1.svg.svg
sev2.png.png
sev2.svg.svg
sev3.png.png
sev3.svg.svg
tmpagedt.php
ua.png
uda.png
 -fire station.png
      -fire station.png
 -logo rectan.png
     —logo rectan.png
 -logo rectan.svg
     -logo rectan.svg
 -logo t.png
     —logo t.png
-logo t.svg
      -logo t.svg
-svg
     ambulance-svg.svg
     bus-svg.svg
     fire-truck-svg.svg
     heavy-cargo-truck-svg.svg
     heavy-tractor-svg.svg
     jeep-svg.svg
     medium-heavy-truck-svg.svg
     medium-truck-svg.svg
     oil-tanker-svg.svg
     police-svg.svg
     school-bus-svg.svg
     sedan-svg.svg
     small-truck-svg.svg
     taxi-svg.svg
     tractor-svg.svg
     truck-svg.svg
     van-auto-svg.svg
     van-svg.svg
```

```
index.php
                 jquery-3.4.1.slim.js
                 jquery-3.4.1.slim.min.js
                 jquery-3.5.0.js
                 tmpaged.php
                   logo rectan.svg
                        -logo rectan.svg
                   -logo t.svg
                        -logo t.svg
            ambulance-svg.svg
            bus-svg.svg
            fire-truck-svg.svg
            heavy-cargo-truck-svg.svg
            heavy-tractor-svg.svg
            jeep-svg.svg
            medium-heavy-truck-svg.svg
            medium-truck-svg.svg
            oil-tanker-svg.svg
            police-svg.svg
            school-bus-svg.svg
            sedan-svg.svg
            small-truck-svg.svg
            taxi-svg.svg
            tractor-svg.svg
            truck-svg.svg
            van-auto-svg.svg
            van-svg.svg
  -sesa6care
branlo.png
data.php
datapage2.php
datapage22.php
detailpage.html
detailpage.php
detailpage2.php
ecw.mp3
Ellipseq.png
hisdata.php
history.html
history.svg
hospital.png
imgsam.png
index.html
jquery-3.4.1.slim.js
jquery-3.4.1.slim.min.js
jquery-3.5.0.js
left-arrow.svg
listening.mp3
load-area.svg
locatepage.php
locationmap.png
locationmap.svg
magnifying-glass.svg
menu.svg
```

nav-button-d-png.png

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nav-button-d-svg.svg
nav-button-home-light-png.png
nav-button-home-light-svg.svg
nav-button-light-png.png
nav-button-light-svg.svg
notification.mp3
photo-camera.svg
place.png
police.png
qc.svg
responsivevoice.js
sedan-png.png
sedan-svg.svg
settings.svg
sev1.png.png
sev1.svg.svg
sev2.png.png
sev2.svg.svg
sev3.png.png
sev3.svg.svg
sot.mp3
tranfpage.php
ua.png
uda.png
updated.php
volume.svg
webindex.html
 -api
     index.php
     lpage.html
 -Ellipse 5.png
     Ellipse 5.png
 -fire station.png
     —fire station.png
 Group 35.png
     —Group 35.png
 Group 37.png
      -Group 37.png
 -help
     admin.svg
     customer.svg
     dlpage.svg
     index.html
     inserpage.svg
     tracd.svg
logo rectan.png
     —logo rectan.png
 -logo rectan.svg
     -logo rectan.svg
 -logo t.png
     —logo t.png
 -logo t.svg
     -logo t.svg
 -manual-testing
      -deleterecord
          data.php
```

```
hospital.png
   index.html
   jquery-3.4.1.slim.js
   jquery-3.4.1.slim.min.js
   jquery-3.5.0.js
   left-arrow.svg
   locationmap.png
   locationmap.svg
   menu.svg
   nav-button-d-png.png
   nav-button-d-svg.svg
   nav-button-home-light-png.png
   nav-button-home-light-svg.svg
   nav-button-light-png.png
   nav-button-light-svg.svg
   photo-camera.svg
   place.png
   police.png
   sev1.png.png
   sev1.svg.svg
   sev2.png.png
   sev2.svg.svg
   sev3.png.png
   sev3.svg.svg
   tmpagedt.php
   ua.png
   uda.png
    -fire station.png
    fire station.png
    -logo rectan.png
         -logo rectan.png
    -logo rectan.svg
         —logo rectan.svg
    -logo t.png
         –logo t.png
    -logo t.svg
          -logo t.svg
     -svg
         ambulance-svg.svg
         bus-svg.svg
         fire-truck-svg.svg
         heavy-cargo-truck-svg.svg
         heavy-tractor-svg.svg
        jeep-svg.svg
         medium-heavy-truck-svg.svg
         medium-truck-svg.svg
         oil-tanker-svg.svg
         police-svg.svg
         school-bus-svg.svg
         sedan-svg.svg
         small-truck-svg.svg
         taxi-svg.svg
         tractor-svg.svg
         truck-svg.svg
         van-auto-svg.svg
         van-svg.svg
-insertrecord
```

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index.php
              jquery-3.4.1.slim.js
              jquery-3.4.1.slim.min.js
              jquery-3.5.0.js
               tmpaged.php
               -logo rectan.svg
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                -logo t.svg
                     -logo t.svg
         ambulance-svg.svg
         bus-svg.svg
         fire-truck-svg.svg
         heavy-cargo-truck-svg.svg
         heavy-tractor-svg.svg
         jeep-svg.svg
         medium-heavy-truck-svg.svg
         medium-truck-svg.svg
         oil-tanker-svg.svg
         police-svg.svg
         school-bus-svg.svg
         sedan-svg.svg
         small-truck-svg.svg
         taxi-svg.svg
         tractor-svg.svg
         truck-svg.svg
         van-auto-svg.svg
         van-svg.svg
     volume m.svg
          -volume m.svg
-sesa6client
   branlo.png
   data.php
   datapage2.php
datapage22.php
detailpage.html
   detailpage.php
   detailpage2.php
   ecw.mp3
   Ellipseq.png
   fire-station.svg
   hisdata.php
   history.php
   history.svg
   hospital.png
   hospital2.svg
   imgsam.png
   index.php
   jquery-3.4.1.slim.js
   jquery-3.4.1.slim.min.js
   jquery-3.5.0.js
   left-arrow.svg
   listening.mp3
   load-area.svg
   locatepage.php
   locationmap.png
   locationmap.svg
   magnifying-glass.svg
   menu.svg
   nav-button-d-png.png
   nav-button-d-svg.svg
   nav-button-home-light-png.png
   nav-button-home-light-svg.svg
   nav-button-light-png.png
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nav-button-light-svg.svg
notification.mp3
photo-camera.svg
place.png
police-station.svg
police.png
qc.svg
responsivevoice.js
sedan-png.png
sedan-svg.svg
settings.svg
sev1.png.png
sev1.svg.svg
sev2.png.png
sev2.svg.svg
sev3.png.png
sev3.svg.svg
sot.mp3
tranfpage.php
ua.png
uda.png
updap.php
updated.php
volume.svg
 -Ellipse 5.png
    —Ellipse 5.png
 -fire station.png
    —fire station.png
-Group 35.png
Group 35.png
 -Group 37.png
      -Group 37.png
 -help
     admin.svg
     customer.svg
     dlpage.svg
     index.html
     inserpage.svg
     tracd.svg
 -login
     fw.jpg
     hospitalw.jpg
     index.php
     jquery-3.4.1.slim.js
     jquery-3.4.1.slim.min.js
     jquery-3.5.0.js
     lpaged.php
     policew.jpg
      -logo rectan.svg
     logo rectan.svg
      -logo t.svg
     logo t.svg
 -logo rectan.png
    —logo rectan.png
 -logo rectan.svg
   —logo rectan.svg
 -logo t.png
     —logo t.png
 -logo t.svg
     -logo t.svg
 -manual-testing
      -deleterecord
          data.php
          hospital.png
```

```
index.html
   jquery-3.4.1.slim.js
   jquery-3.4.1.slim.min.js
   jquery-3.5.0.js
   left-arrow.svg
   locationmap.png
   locationmap.svg
   menu.svg
   nav-button-d-png.png
   nav-button-d-svg.svg
   nav-button-home-light-png.png
   nav-button-home-light-svg.svg
   nav-button-light-png.png
   nav-button-light-svg.svg
   photo-camera.svg
   place.png
   police.png
   sev1.png.png
   sev1.svg.svg
   sev2.png.png
   sev2.svg.svg
   sev3.png.png
   sev3.svg.svg
   tmpagedt.php
   ua.png
   uda.png
     -fire station.png
    fire station.png
     -logo rectan.png
        —logo rectan.png
     -logo rectan.svg
         -logo rectan.svg
     -logo t.png
         -logo t.png
    -logo t.svg
         -logo t.svg
         ambulance-svg.svg
        bus-svg.svg
        fire-truck-svg.svg
        heavy-cargo-truck-svg.svg
        heavy-tractor-svg.svg
         medium-heavy-truck-svg.svg
         medium-truck-svg.svg
         oil-tanker-svg.svg
         police-svg.svg
         school-bus-svg.svg
         sedan-svg.svg
         small-truck-svg.svg
         taxi-svg.svg
         tractor-svg.svg
         truck-svg.svg
         van-auto-svg.svg
         van-svg.svg
-insertrecord
   index.php
   jquery-3.4.1.slim.js
   jquery-3.4.1.slim.min.js
   jquery-3.5.0.js
   tmpaged.php
     -logo rectan.svg
          -logo rectan.svg
     -logo t.svg
          -logo t.svg
```

```
-register
    fw.jpg
    hospitalw.jpg
    html2pdf.bundle.min.js
    index.html
    jquery-3.4.1.slim.js
    jquery-3.4.1.slim.min.js
    jquery-3.5.0.js
    Irpaged.php
Irpaged2.php
    policew.jpg
      -logo rectan.svg
     logo rectan.svg
     -logo t.svg
          —logo t.svg
    ambulance-svg.svg
    bus-svg.svg
    fire-truck-svg.svg
    heavy-cargo-truck-svg.svg
    heavy-tractor-svg.svg
    jeep-svg.svg
    medium-heavy-truck-svg.svg
    medium-truck-svg.svg
    oil-tanker-svg.svg
    police-svg.svg
    school-bus-svg.svg
    sedan-svg.svg
    small-truck-svg.svg
    taxi-svg.svg
    tractor-svg.svg
    truck-svg.svg
-volume m.svg
volume m.svg
```

### Summary

### Site preview

*Url:* <a href="http://sesa6care.000webhostapp.com/">http://sesa6care.000webhostapp.com/</a>

The main page contains 5 fields show full website view

- 1. Admin Page
- 2. Client Page
- 3. Accident Tracker
- 4. Insert record
- 5. Delete record

### Admin Page

Url: http://sesa6care.000webhostapp.com/sesa6care/

view all detail and action

private access, admin has the rights to view, shows complete information, add a service

### Client Page

*Url:* http://sesa6care.000webhostapp.com/sesa6client/

Take action on request

private access, admin has the rights to view, shows complete information, accept or transfer the case reported

#### Accident Tracker

*Url:* http://sesa6care.000webhostapp.com/sesa6app/

Real time accident monitor

public access, real time and filter mode to view data, export data for analysis

Accident tracker allows any public user to view the complete information about the accidents that are recorded in this website.

### Insert Record

*Url:* <a href="http://sesa6care.000webhostapp.com/sesa6care/manual-testing/insertrecord/">http://sesa6care.000webhostapp.com/sesa6care/manual-testing/insertrecord/</a>

Used to insert record manually for user testing

public access, insert record with available options fetched with existing data

### Delete Record

*Url:* <a href="http://sesa6care.000webhostapp.com/sesa6care/manual-testing/deleterecord/">http://sesa6care.000webhostapp.com/sesa6care/manual-testing/deleterecord/</a>

Used to delete manually for user testing

public access, delete with available options fetched with existing data

### **Request API Format**

### Link:

https://sesa6care.000webhostapp.com/sesa6care/api/index.php?msmessage=message

### **Description:**

This API request enables the user to get the nearest emergency service providers from the current location passed in the request and uploads data in to the server if the users needs, which then reflect in the service providers webpage which is contacted, and enable them to provide with appropriate services and support.

This request returns a string value "data inserted" when data is inserted successfully or "data insertion failed" if the data insertion is failed. This request format also has an option to retrieve the data uploaded in the Json format if the user specifies.

### **Request Format:**

GL	Msg:ID=	DeviceID	Severity	Service contacted	Location	Picture Flag	SOS Flag	Date	Time	Json Flag	INS Flag	
----	---------	----------	----------	-------------------	----------	-----------------	-------------	------	------	-----------	----------	--

Message Format

Each short form in the above table represents each attribute in the request.

msmessage=D<year><ID>%20<Severity>%20<Services Requested>%<Longitude, Latitude>%20<Picture Flag>%20<SOS Flag>%20<YYYY-MM-DD>%20<HH:MM:SS>%20<JSON Flag>%20<INS Flag>

Each attribute is enclosed in angular brackets, angular brackets acts as a placeholder.

### **Example:**

 $\frac{http://sesa6care.000webhostapp.com/sesa6care/api/index.php?msmessage=D202012\%202\%20HP\%2012.647379,78.987388\%200\%200\%202020-07-18\%2015:01:00\%201\%201$ 

### **Attributes:**

GL - generic link — http://sesa6care.000webhostapp.com/sesa6care/api/index.php?

Msg:ID - request acceptor "msmessage"

DeviceID - it indicates the device from which message is received

D<year><ID> - Message ID starts with "D" followed by year and ID(NUM)

Severity - it indicates the scale of impact

Can be value of 1(Low) or 2(Medium) or 3(High)

Service - services requested based on severity (available services Hospital, Police, Fire service)

contacted can be represented in uppercase, for multiple service in combination of any order

Ex: H - Hospital, P - Police, F - Fire Services or HP, HPF, PH, PF, HF, etc.

Location - it contains the current location from of the impact.

<Longitude, Latitude> - longitude and latitude are separated by a comma.

Picture Flag - it indicates whether picture is included (value 1) or not (value 0)

SOS Flag - it indicates whether the signal is invoked by the user (value 1) or automated (value 0)

Date - current data in American Format < YYYY-MM-DD>

Time - current time <*HH:MM:SS*>

Json Flag - indicates whether the response to be returned in JSON format (value 1) or not (value 0)

INS - indicates whether the data must be included in database (value 1) or not (value 0)

(Not applicable for other people)

#### **Voice assistance Command list**

"Say OK" - switch to listening mode

### Site preview

### To navigate to page

### [action command] [page name]

[action command] - open/expand/go to/navigate/switch/move/see

[page name] - admin page/client page/accident tracker/insert page/delete page

#### Sesa6care

### Home page/Locate page

### To navigate to page

### [action command] [page name]

[action command] - open/expand/go to/navigate/switch/move/see

[page name] - Home/History

### Home page

### To open a record navigating to detail page

### [action command] record with device ID [Device ID (without D)]

[action command] - open/expand/go to/navigate/switch/move/see

[Device ID (without D)] - record which you need to open

### To open a record navigating to locate page

### [action command] location with device ID [Device ID (without D)]

[action command] - open/expand/go to/navigate/switch/move/see

[Device ID (without D)] - record which you need to open

#### Location

#### To open a record navigating to locate page

### [action command] location

[action command] - open/expand/go to/navigate/switch/move/see

### To add a service

### Add [service]

[service] - Hospital, Police, Fire station

#### Sesa6client

### Home page/locate page

### To navigate to page

### [action command] [page name]

[action command] - open/expand/go to/navigate/switch/move/see
[page name] - Home/History

### Home page

### To open a accept/transfer a record

### [Action command] record with device ID [Device ID (without D)] date on [Timestamp date]

[action command] - open/expand/go to/navigate/switch/move/see

[Device ID (without D)] - record which you need to open

[Timestamp date] - date YYYYMMDD

### To open a record navigating to detail page

### [action command] record with device ID [Device ID (without D)]

[action command] - open/expand/go to/navigate/switch/move/see
[Device ID (without D)] - record which you need to open

### To open a record navigating to locate page

### [action command] location with device ID [Device ID (without D)]

[action command] - open/expand/go to/navigate/switch/move/see
[Device ID (without D)] - record which you need to open

#### Location

### To navigate to page

### [action command] [page name]

[action command] - open/expand/go to/navigate/switch/move/see
[page name] - Home/History

### To open a record navigating to locate page

### [action command] location

[action command] - open/expand/go to/navigate/switch/move/see

### Add service/transfer page in Sesa6care/Sesa6client

### To input department ID

### Department ID [department ID number]

[department ID number] – department ID with (indicator H or P or F)

To update the record			
Update			

### REVIEW

[Action command] – open/expand/navigate/switch/move/go to/see

[page name] – Home/History/admin page/client page/accident tracker/insert

[Device ID (without number)] – Example D20203 as 20203

[Timestamp date] – Example YYYY-MM-DD as YYYYMMDD

[Department ID number] – department ID without indicator H or P or F . H122 as 122

# File List

# **Source File**

 $\underline{https://mega.nz/folder/nsxiRYCL\#6zi\_cS8JC1ytlbcqBPBNBQ}$ 

# Video

 $\underline{https://drive.google.com/drive/folders/1srV2lwfhZqSmBLDkduLQyYNBBrKS-F7O}$