Emergency Call Portal

Utkarsh Gupta   May 15, 2020   UPES, Dehradun, India

Introduction

In today's world responding to an emergency situation still is a challenging task, especially in a place where emergency facilities are not top notch. It takes a huge amount of time to reach to the person who called for the emergency. Also, there are cases where a particular person doesn't have much time to call for an emergency service like police or medical service.

To solve the problem to an extent I wish to create a website where people can make an emergency call to the Hospitals/Ambulances, Police, Fire department and other essential emergency services in case of an emergency just by a click. The website will then inform respected emergency regarding this and if a panic button is pressed the website will inform all the services with the location.

This will help the service officials to respond for an emergency call sooner and help save lives.

Proposed Features

1. The website will have dedicated buttons to call for a specific emergency service.
2. The website will also have a panic button to inform all the emergency services.
3. The website will be equipped with the live location tracking so that emergency officials can reach to the person in need as soon as possible.
4. There will be a dashboard at emergency services office so that they can monitor who is in need and who is responding a call.
5. The dashboard will also allow to contact any other emergency service official near the site from where the emergency call came.
6. The emergency official who reached the event site if needed can ask for more emergency officials on the site through a single click.
7. If it is a medical emergency the nearest hospital can be notified earlier for an emergency situation which will give them enough time to prepare for the situation very well.

Design & Implementation

User Interface Design and Prototype

We will keep the user interface as simple as possible to use. It will make easy for the user to call for an emergency rapidly. We will be using bootstrap's responsive grid system and classes to make a single website to be run on different systems like smart phones, laptops, desktops tablets etc. Each website will have a huge button to call for an emergency service so that it will be easily available for a user to press even when he is in panic.

Navigation Structure

- We will be using a dark, top fixed navigation panel for easy navigation for the users.
- Navigation bar will also have icons best representing thee page.
- Navigation bas will get collapsed in case of extra-small and small sized devices.
- Breadcrumbs also will be present in the website to provide an additional navigation ease to the users.

Modules Used

1. Bootstrap
2. Font Awesome
3. jQuery
4. Popper.js

Screenshots

This is the home page of the website.

☐ Emergency Call   ⌂ Home   ♪ Fire   ⊞ Medical   🚗 Police   ℹ About   ⊞ Contact   login

Emergency Call Portal

Single place to call all emergency services.

⌂ Home

This is a single page to solve all your emergency problem in fust few taps. You can find all the details to your nearest hospital, police station and fire station.

You can brows between the pages to find which emergency service you are in need for.

EMERGENCY

Nearest Police station

Panditwari Police Chowki

Address
Chakrata Road, Panditwari
Dehradun, Uttarakhand
India
📞: +91 1234567890
📠: +91 1234567890
✉: dgc-police-ua@nic.in

📞 Landline   ☐ Mobile   ✉ Email

Nearest Police station

Laxman Chowk Police Chowki

Address
Kanwali Road, Laxman Chowk
Dehradun, Uttarakhand
India
📞: +91 1234567890
📠: +91 1234567890
✉: dgc-police-ua@nic.in

📞 Landline   ☐ Mobile   ✉ Email

Nearest Hospital

Synergy Hospital

Address
Ballupur Canal Road
Dehradun, Uttarakhand
India
📞: +91-1352226000
📠: +91-1352226100
✉: info@synergyhealthcare.in

📞 Landline   ☐ Mobile   ✉ Email

Nearest Hospital

Shree Mahant Indiresh Hospital

Address
Kedarpur Village Road
Industrial area, Patel nagar
Dehradun, Uttarakhand
India
📞: +91-135-6672400
📠: +91-135-6672600
✉: smi.hospital@gmail.com

📞 Landline   ☐ Mobile   ✉ Email

Nearest Fire station

Selakui Fire Station

Address
Selakui Industrial Area
Dehradun, Uttarakhand
India
📞: +91 1234567890
📠: +91 1234567890
✉: mail@example.com

📞 Landline   ☐ Mobile   ✉ Email

Nearest Fire station

Atlas Fire Services

Address
7, New Road, Harrawala
Dehradun, Uttarakhand
India
📞: +91 1234567890
📠: +91 1234567890
✉: mail@example.com

📞 Landline   ☐ Mobile   ✉ Email

Links

⌂ Home
♪ Fire
⊞ Medical
🚗 Police
ℹ About
⊞ Contact

Our Address

A-301, Boys Hostel, UPES
Bidholi, Dehradun
India
📞: +91 1234567890
📠: +91 1234567890
✉: u8karshgupta@gmail.com

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This is the contact us page of the website.

Emergency Call Portal
Single place to call all emergency services.

Home / Contact Us

📇 Contact Us

This is a single page to solve all your emergency problem in fust few taps. You can find all the details to your nearest hospital, police station and fire station.

You can brows between the pages to find which emergency service you are in need for.

First Name	First Name	
Last Name	Last Name	
Contact Tel.	Area code	Tel. number
Email	Email	
	☐ May we contact you?	Tel. ▾
Your Feedback		

Send Feedback

Links
- ⌂ Home
- 🔥 Fire
- 🚑 Medical
- 🚓 Police
- ℹ About
- 📇 Contact

Our Address
A-301, Boys Hostel, UPES
Bidholi, Dehradun
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📞 +91 1234567890
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This page is for fire station information.

This page is for Hospital services.

This page is for Police services.

Emergency Call Portal
Single place to call all emergency services.

Home / Police

🚓 Police

This is a single page to solve all your emergency problem in fust few taps. You can find all the details to your nearest hospital, police station and fire station.

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Nearest Police station

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🚓 Police
ℹ About
📧 Contact

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📠 +91 1234567890
📧 utkarshgupta@gmail.com

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This is the about us page.

Emergency Call Portal
Single place to call all emergency services.

Home / About Us

ℹ About Us

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You can brows between the pages to find which emergency service you are in need for.

Utkarsh Gupta Owner

Utkarsh Gupta
Owner & Creater

Age : 19

Education : B. Tech specialisation in AI & ML

Studied at : University of Petroleum and Energy Studies

Tech Stack : Desktop development, Web Develipment, Artificial Intelligence, Machine Learning, Deep Learning

Favourites : C/C++, Desktop development, Machine Learning

Links
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📧 Contact

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This page is for login of govt officials.

Conclusion

What we got?

We got a beautiful website to provide contact for nearest emergency to whoever visits the website. Currently the website doesn't have the location function but in future this service can be added to the website.

Upcoming Feature

➢ Adding a button to inform the local emergency services whenever someone clicks the emergency button.

➢ Adding live location service to track medical services and the person who called for an emergency.

References

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- https://www.acma.gov.au/emergency-calls
- https://www.nhs.uk/using-the-nhs/nhs-services/urgent-and-emergency-care/when-to-call-999/
- https://eena.org/