

# Anuraksha

Your one-click companion during emergencies

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**Team Anuraksha**

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## Problem Statement

The need for a local responders network for swift help during an emergency via accessible technology

## Problem Elucidation

Existing support systems fall short during emergencies, leaving individuals and their close ones overwhelmed. Immediate help is necessary, yet lacking. There is a need for a network of rapid responders within local communities, facilitated by accessible technology.

Existing emergency systems remain fragmented, underutilized, and lacking integration, hindering faster and more reliable assistance where it's most needed.

# Objective

Existing support systems fall short during emergencies, leaving individuals and their close ones overwhelmed. Immediate help is necessary, yet lacking. There is a need for a network of rapid responders within local communities, facilitated by accessible technology. Current emergency systems remain fragmented, underutilized, and lacking integration, hindering faster and more reliable assistance where it's most needed.



# Features

01.

SOS Alerting with Location Tracking

02.

Rapid Volunteer Response Network

05.

Generating Heatmaps for more fatal areas for the authorities to work upon.

03.

Direct Connection to Emergency Contacts

04.

Data Storage such as time, location, etc for future reference and analysis

# Tech Stack

- Frontend

- React.js
- Typescript
- Tailwind CSS
- Redux

- Backend

- Node.js
- Express.js
- GraphQL

- Monitoring

- AWS Cloudwatch
- Grafana
- Pm2

- Data and Storage

- AWS RDS (PostgreSQL)
- AWS S3
- Local/Session Storage

- Infrastructure

- Route53
- Cloudflare
- Nginx
- EC2 Instances
- AWS Cloudfront CDN

- API Services

- Google Maps API/SDK
- Messaging APIs (Fast2SMS, Ultramsg, Twilio)
- Browser API's

**Thank you  
very much!**