

Salvador

Disaster Management Web App



CodeForGood

IIT Kanpur

**Architecture-**

* 4 total services – **Disaster Prediction, Recent Disaster News, Statistical disaster study, Disaster Guidelines**.
* **Emergency Form** – Form for instance help for people stuck in danger.
* **ChatBot** – User Friendly Agent for instance help to people stuck in disaster.

**Dependencies-**

* NodeJs.
* ExpressJs.
* ejs-viewer(express-ejs).

**Set-Up Instructions-**

* git clone …….
* npm init
* npm install dependencies
* npm start or node app.js

**References-**

* MapBox API
* Dialogflow(api.ai)
* Open Weather Map API
* USGS Datasets for Earthquake models.
* Data.gov for datasets of Volcano Eruption
* ChartJs

**Resources-**

* Python Scripts for Model running and saving it in **Resources** folder.
* Data sets for model training in **Data** folder.

**Development Areas –**

* Models for all disasters.
* Messaging system for Emergency form.(SMS or MMS Gateway)

**Team Members-**

* Vishal Agarwal
* Madhur Deep Jain
* Harshit Garg

**Video-Link(YouTube)-** [**https://www.youtube.com/watch?v=rF\_tYcFjgco**](https://www.youtube.com/watch?v=rF_tYcFjgco)