

Code Running Instructions

IBMHackathon

In the present standalone hackathon hosted at Topgear platform your goal is to build a useful application, or other software solution, that may help humanity to better prepare for natural disasters, or better serve those affected by them.

Pro Rescue Solution setup and running instructions:

Download the zip file from the project folder.

Unzip the project folder.

In terminal, go to the path of the folder.

VIDEO URL:

https://wipro365-my.sharepoint.com/:v:/g/personal/sh389246_wipro_com/EfQaioHMiXVJk6YRvHhCebBpORpFZCN2W30y2D_DkimeA?e=l166HW

IBM BLUEMIX SERVER:

<http://disastermgm.eu-gb.mybluemix.net/>

1. Admin App:

->unzip AdminPortal.zip

Download windows installer of node from "https://nodejs.org/en/download/" and install .exe file.

Open project in terminal:

->npm install

Install angular-cli to run angular project:

->npm install -g @angular/cli

For running the project in development environment:

->ng serve

Go to following link in browser: "localhost:4200"

2. Mobile App:

->unzip ProRescueApp.zip

Open ProRescueApp in terminal.

->npm install

To install ionic cordova:

->npm install -g ionic cordova

To run the project in development environment:

->ionic serve

Go to following link in browser: "localhost:4200"

3. Hardware setup:

Unzip NodeMCU code.zip

Connect NodeMCU Vcc and GND to sensor Vcc and GND.

Connect A0 pin of NodeMCU to A0 pin of sensor.

Give a WiFi username and password to the "NodeMCU code".

Upload the code "NodeMCU code" to NodeMCU.

And setup will keep sending the data to the server every second.