

TEAM #150

Quikare



IBM Z-datathon

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Problem Statement

Natural and man made calamities like floods, earthquake, tsunami, forest fires, crime, civil disorder, terrorism, war, biological/chemical threat etc. Cause numerous fatalities due to the disaster itself or lack of basic necessities such as food, clothing and shelter.



Our Solution

We provide to you a comprehensive software which enables to collect basic necessities such as clothes & food as charity and also be able predict the occurrence of natural and man-made calamities accurately. We bring to you a blend of these two functionalities, where in we are able to help disaster hit communities at the right time!



A Brief Timeline Of Our Operation

STEP 1

We collect resources such as food and clothes in the form of charity and donations.

STEP 2

We store our resources in an inventory. They are ready to be moved to places hit by calamities.

STEP 3

Our Calamity predicting software warns us about upcoming Man-Made and Natural calamities.

STEP 4

This information provides us an edge in the handling the crisis situation as we will station our resources at the site and be prepared before hand

STEP 5

During the time of crisis we are able to handle the situation efficiently by providing the vital resources to distressed people immediately.



TECHNOLOGIES USED

- IBM Z-Tools, Jupiter Note Book, Python3
- Web Page - HTML, CSS, Vanilla JavaScript
- Back End of Webpage - XAMPP, mySQL, PHP

Current Developments



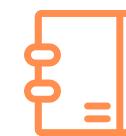
Web Site

We have created a fully functional web site, using html,css, and javascript. Integrating donors with refugees creating a immense purpose for shearing and donating.



Data Base

An sql data base hosted using XAMPP server and php to connect the backend to the front end of our webpage!



Data Set

We are using data sets of past 10 years of weather data to help us build our ML predicting algorithm.

Future Endeavours

What's in store for companies and consumers?

As technology continues to penetrate our daily lives, we can expect Quikare to progress and include more IBM Z Tool channels like advanced ML algorithms, Deep learning Modules through which we Maximise the accuracy with which we predict the calamities by which more and more people can take advantage of in years to come.

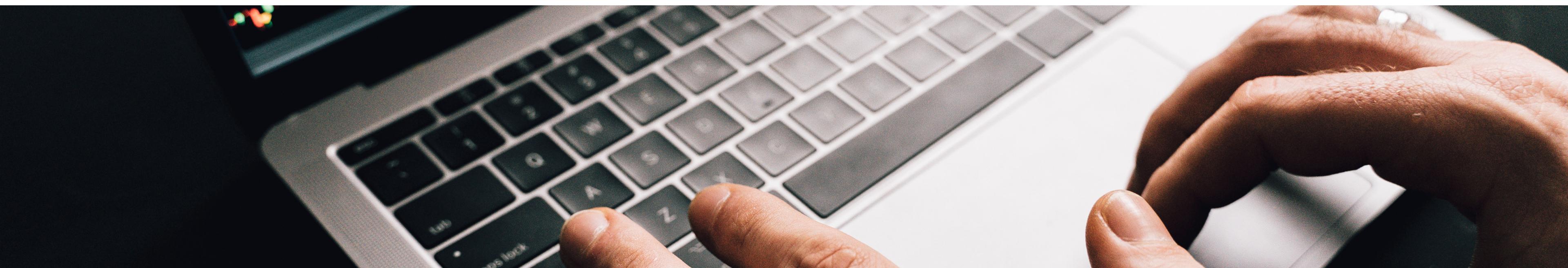
BUSINESS PROSPECTIVE

If you truly believe in the value of life,
you care about all of the weakest and
most vulnerable members of society.

We are a charity oriented firm and our source of income is varied as we have a noble cause and we aspire to provide the best of our service.

We come in contact with large scale investors and utilising the company social responsibility schemes of major MNC's.

The MNC's also seek ways to create social environmental benefits while pursuing organisational goals, like revenue growth and maximising our share holder value. We are also open to public funding policies.



Thank You

