Project vHelp-ResQMe.

Lovely Professional University

A project on CHE.

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Introduction.

Introducing vHelp - Your Ultimate Weather Companion and Natural Disaster Assistant!

vHelp is a cutting-edge desktop software designed to keep you informed and safe in the face of ever-changing weather conditions and natural disasters. With its powerful features and intuitive interface, vHelp is your go-to tool for staying ahead of the weather and being prepared for the unexpected.

Weather updates are at your fingertips with vHelp. You can easily access real-time weather information, including temperature, humidity, wind speed, and precipitation, to plan your day and make informed decisions. vHelp also provides weather forecasts for multiple locations, so you can stay informed about the weather conditions at your desired locations.

But vHelp goes beyond just providing weather updates - it also helps you stay safe during natural disasters. With its advanced warning system, vHelp can alert you in advance about potential severe weather events such as hurricanes, tornadoes, floods, and wildfires, allowing you to take necessary precautions to protect yourself and your loved ones.

In the unfortunate event of a natural disaster, vHelp comes to the rescue with offline access to life-saving instructions. As internet service may be disrupted during a natural disaster, vHelp stores crucial instructions offline, ensuring you have access to critical information even when connectivity is lost. Whether it's evacuation routes, emergency contact information, or first aid procedures, vHelp has you covered.

vHelp is your reliable and trustworthy companion during challenging weather conditions and natural disasters. With its comprehensive features and offline capabilities, vHelp empowers you to stay informed, prepared, and safe. Whether you're at home, work, or on the go, vHelp is there to help you weather the storm. Download vHelp today and experience the peace of mind that comes with being prepared.

Project Name: vHelp - Weather and Disaster Assistance Software

vHelp is a desktop software that aims to provide users with vital weather information, warnings, and instructions to stay safe during natural disasters, even when internet service is unavailable. The software is designed to be a comprehensive tool that helps users prepare for, respond to, and recover from various weather-related emergencies and natural disasters.

The software offers real-time weather updates, including forecasts, warnings, and alerts, to help users stay informed about changing weather conditions. In case of severe weather events or natural disasters, vHelp provides timely warnings and instructions on how to take appropriate actions to stay safe. What sets vHelp apart is its offline availability, which allows users to access critical information and instructions even when internet connectivity is compromised during emergencies.

The software covers a wide range of weather-related emergencies, such as hurricanes, tornadoes, floods, wildfires, earthquakes, and more. It provides detailed instructions on how to prepare for these events, including evacuation routes,

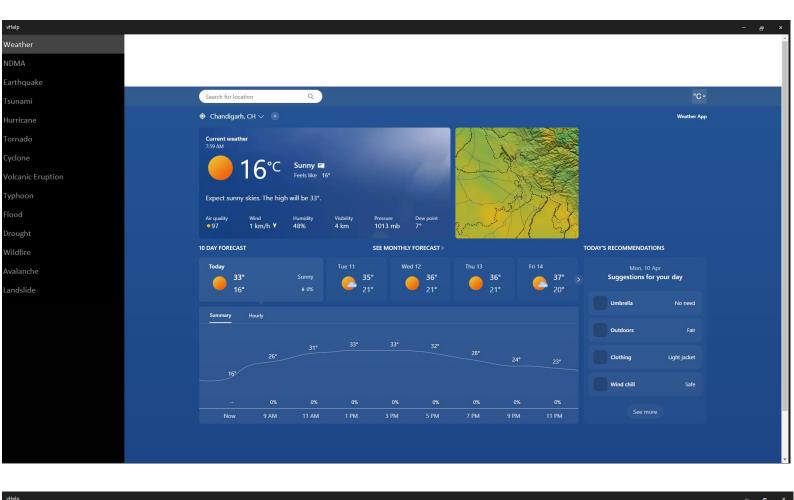
emergency supplies, and communication plans. In the event of a disaster, vHelp offers step-by-step instructions on how to respond and recover safely, including first aid, sheltering, and communication strategies.

vHelp is user-friendly and features a visually appealing interface that makes it easy for users to access and understand critical information quickly. The software is also continuously updated with the latest weather data and disaster response guidelines to ensure accuracy and relevance.

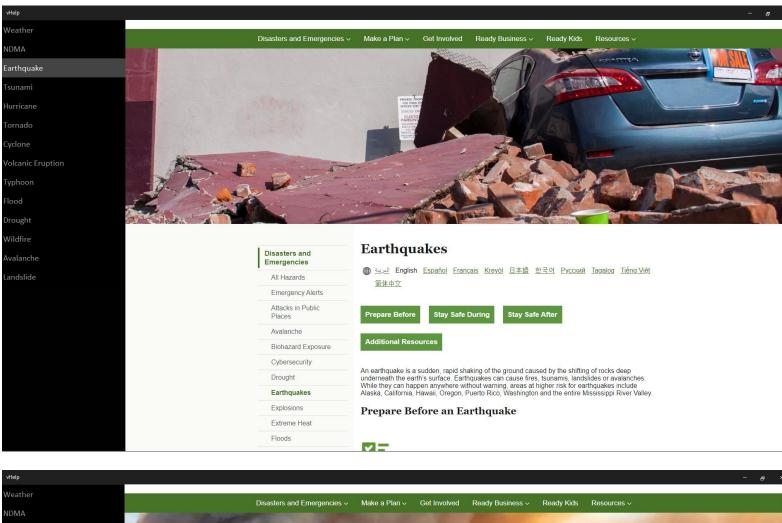
By providing timely and offline weather information, warnings, and instructions, vHelp aims to empower users with the knowledge and tools they need to stay safe during natural disasters. Whether it's preparing for an impending hurricane or responding to an earthquake, vHelp is a reliable resource that helps users navigate through emergencies and protect their lives and property.

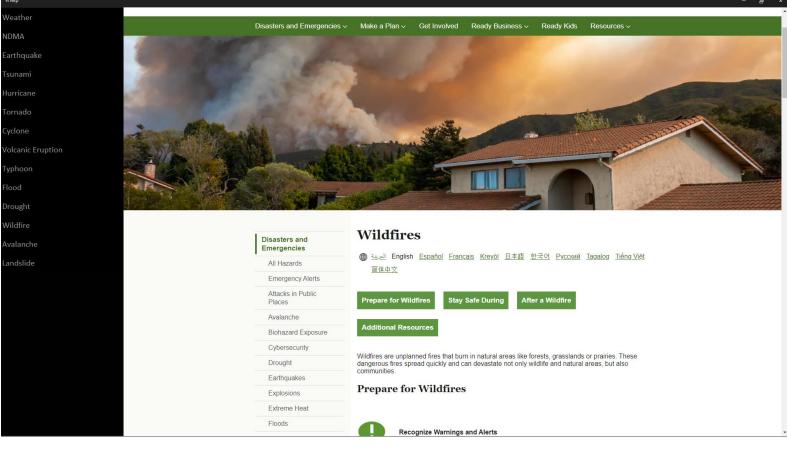
In conclusion, vHelp is a comprehensive desktop software that provides weather and disaster assistance to users, with offline availability, ensuring access to critical information even during internet outages. It aims to help users prepare, respond, and recover from natural disasters by offering real-time weather updates, warnings, and instructions. With its user-friendly interface and timely information, vHelp is a valuable tool for individuals, families, and communities to enhance their preparedness and resilience in the face of weather-related emergencies and natural disasters.

Here are some images for the same, including weather reports, the website by the government, and useful measures that will be available offline as internet connection is not usually available during the times of a disaster.









Github link for the same:

https://github.com/snehccurry/vhelp-ResQMe

Future Plans:

We are planning on building a real time notification system that will warn users based on predictions and live forecasts, and provide necessary instructions for the same, and also we'll provide useful blood related information in the app and make the app simple for users to signup, provide their blood group and accept donations soon. Our Alert system will be better and will cover multiple languages too, based on the regions and the language the maximum users in the area prefer, also we are planning on training an Al to provide accurate and just useful information without having the need to connect to the internet, also, a build for both android and ios is coming out soon, with Bluetooth chat option and help needed signal for those who are stuck.

Technologies used:

Heema: An Opensource GUI framework built by us.

CEFPython: For browser features.

Pillow: For images

Python: For scripting the whole application

Pyinstaller: For bundling the .exe