URGENTUNITY: BRIDGING IN CRISIS

Problem Statement:

Despite the availability of various disaster response platforms, many rely on constant internet connectivity, limiting their effectiveness in disaster zones with unreliable connectivity. This leaves affected populations isolated and hinders the timely dissemination of critical information and aid. As a result, response efforts are hampered, exacerbating the impact of disasters on communities in need.

Solution:

During disasters, communication breakdowns impede swift response efforts. Urgent Unity aims to bridge this gap by providing a centralized platform for real-time coordination among responders and affected communities. Lack of streamlined information dissemination prolongs recovery and rescue missions. Urgent Unity facilitates rapid information sharing and resource allocation to enhance disaster management and minimize loss of life and property.

Motivation:

Motivated by the devastating impact of Cyclone Michaung, we strive to revolutionize disaster response. Witnessing the communication breakdowns and delays in aid distribution during Michaung, we are driven to create Urgent Unity. Our goal is to ensure that no community faces isolation or delayed assistance in times of crisis, leveraging technology to bridge communication gaps and expedite relief efforts.

Technologies used:

- HTML, CSS, JavaScript
- Frameworks like React.js for dynamic user interfaces
- Location services powered by Google Maps API
- Spring framework for server-side development
- Database management with MongoDB or MySQL

Team Members:

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