



Sahaara – A Unified Disaster Response Platform

Community + NGOs +
Volunteers + Donors = One
Coordinated Ecosystem

Bridging gaps, saving lives.

- TO54 : JUST US

The Problem

- Disasters like floods, droughts, and earthquakes cause massive damage.
- Relief efforts are fragmented, delayed, and often duplicated.
- Affected people struggle to communicate urgent needs in real-time.
- NGOs work in silos, leading to wasted resources and lack of coordination.
- Donors lack transparency on how their contributions are used.

The Solution – Sahaara

A **centralized disaster response platform** connecting communities, NGOs, volunteers, donors, and authorities.

A **secure NGO dashboard** with authentication for verified organizations.

Provides **real-time needs reporting** by affected individuals.

A **collaborative ecosystem** where resources, data, and manpower are shared.

Key Features (Community Side)



Post urgent needs:

food, water, shelter, medicine, volunteers.



Requests tagged with

location + timestamp for accuracy.



Works even without internet

using SMS, USSD, and IVR hotlines.



Offline-first mobile apps

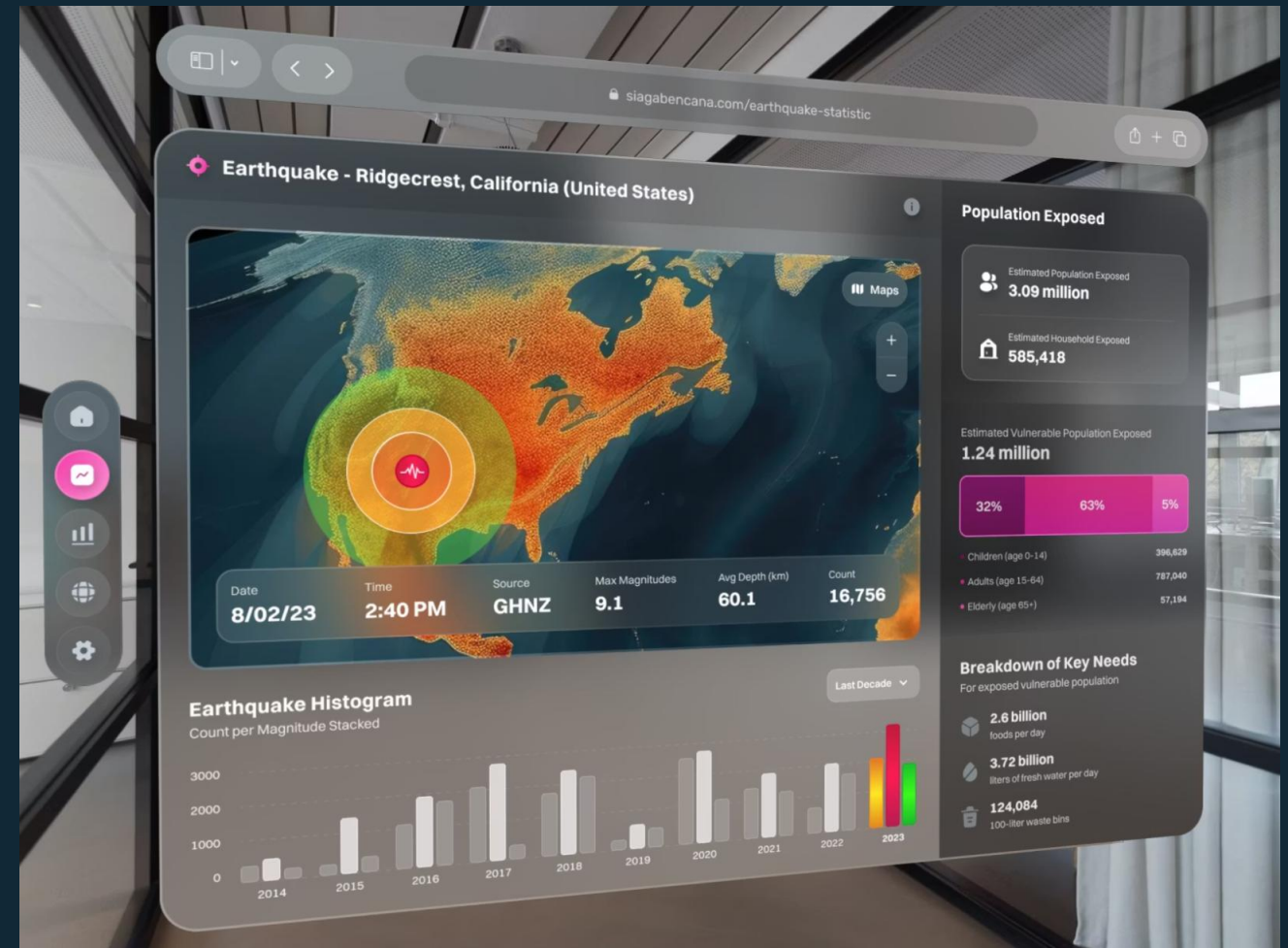
to sync once connectivity is restored.

Key Features (NGO & Helper Side)

Access controlled by authentication layer (only verified NGOs/helpers).

Dashboard showing:

- Reported community needs
- Food & aid storage data
- Survey reports & meeting notes
- Collaborative community board



AI-powered verification & de-duplication of requests.

Advanced Capabilities



Predictive Heatmaps

integrates weather forecasts + GIS + disaster data.



Helps NGOs

pre-position aid in high-risk zones.



Volunteer Skills Registry

Doctors, drivers, cooks, translators, engineers.



NGOs can “pull” volunteers

from a **shared pool**, regardless of affiliation.

Donation & Transparency

Donations routed to verified NGOs only.

Built-in Donation Tracker:

- Donors see *where* and *how* their money/resources are used.
- Example: *Your contribution delivered 200 food kits to Village X.*

Builds trust and accountability.

TRACKING DONATIONS FOR TRANSPARENCY AND IMPACT

Date	Donor	Amount	Purpose
2021-01-01	John Doe	\$100	Education
2021-01-02	Anonymous	\$500	Medical Research
2021-01-03	Jane Smith	\$50	Homeless Shelter
2021-01-05	ABC Company	\$1000	Community Development
2021-01-07	Mary Johnson	\$200	Animal Welfare
2021-01-10	Robert Brown	\$300	Environmental Causes
2021-01-12	XYZ Foundation	\$5000	Child Welfare
2021-01-15	Sarah Wilson	\$150	Arts and Culture
2021-01-18	Anonymous	\$2000	Disaster Relief
2021-01-20	Michael Davis	\$250	Veterans Support

Future Roadmap



Integration with State Disaster Management Authorities

→ becoming an official government-backed tool.



Scaling across multiple disaster types & geographies.



Expanding predictive modeling

with AI + satellite data.



Long-term vision:

Global platform for disaster response.

Impact & Vision

Faster relief, reduced duplication, better resource use.

Empowered communities, transparent donations.

Unified NGOs → stronger, coordinated action.

Sahaara turns fragmented relief into a proactive, scalable, and life-saving system.