

Execute 4.0 Hackathon

Kutumbakam: The Portal for Disaster Relief Coordination

TEAM NAME:
GHOSTBUSTERS

Theme: Disaster Coordination

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The Challenge & Opportunity

The Problem:

- Aid during disasters is often delayed due to poor coordination. How can we connect volunteers, resources, and those in need more efficiently?

The Opportunity:

- Disaster response efforts often suffer from poor coordination, delayed communication, and fragmented relief initiatives. There is an urgent need for a self-service, real-time platform that enables communities to organize and respond efficiently to disasters.

Our Solution: Kutumbakam

Kutumbakam is an open, community-driven disaster relief portal that allows anyone to create, join, and contribute to disaster response efforts.

- **Create & Share Disaster Portals:** Anyone can instantly set up a dedicated disaster response hub and share it with their community.
- **Real-Time Help Requests & Contributions:** Requests for aid update instantly, ensuring immediate visibility for volunteers and resource providers.
- **Seamless Coordination:** Volunteers get structured task details, while contributors see a live progress dashboard for transparency.

Our Solution: Kutumbakam

 **Kutumbakam**
वसुधैव कुटुम्बकम् • The World Is One Family

Home Resources Manuals About How It Works

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वसुधैव कुटुम्बकम्

Unite in Compassion, Respond as One

Kutumbakam empowers communities to create, coordinate, and contribute to disaster relief efforts in real-time, embodying the spirit of "The World is One Family."

24-Hour Hackathon Project • March 15, 2025

Search disaster portals...

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Our Solution: Kutumbakam

The screenshot shows the Kutumbakam dashboard with the following interface elements:

- Header:** Features the Kutumbakam logo with the tagline "वसुधैव कुटुम्बकम् • The World Is One Family".
- Navigation:** Includes links for Home, Resources, Manuals, About, How It Works, Create, Contribute, and a personalized profile for Manan Goel.
- Dashboard Section:** Titled "Dashboard" and greets the user with "Welcome back, Manan Goel".
- Metrics:** Three main statistics:
 - Your Portals:** 0 relief portals created by you.
 - Volunteer Activities:** 0 disaster relief efforts you've joined.
 - Activity Status:** Inactive (Your current contribution status).
- Navigation Buttons:** Below the metrics are tabs for "Your Portals", "Volunteer Activities", and "Contributions".
- Portal Creation Section:** Titled "Your Relief Portals" and displays the message "You haven't created any relief portals yet." It includes a prominent pink button labeled "+ Create Your First Portal".
- Footer:** A small circular icon with a question mark is located at the bottom left.

Technical Approach & Feasibility

- Frontend: Next.js for a seamless and intuitive interface.
- Backend: Node.js with Firebase for real-time updates and scalability.

Feasibility:

- Kutumbakam is built to function at scale with minimal friction, ensuring that in times of crisis, communities can organize without technical barriers.

IMPACTS AND BENEFITS

Kutumbakam aims to create a global, community-driven network for disaster relief—where anyone can lead, contribute, and coordinate seamlessly.

- Eliminates coordination delays with instant visibility into what's needed.
- Empowers local communities by giving them full control over their disaster response.
- Bridges the gap between volunteers, donors, and those in need—ensuring faster relief delivery.