Sahana Eden
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"Please, please help me find my missing parents / child / relative"
Systems can help...

Reunite Families

Avoid unwanted aid piling up

1. Request
   - Add Items
   - Make
   - Site needing Inventory Items
   - Process
   - Review
   - Incoming
   - Shipment of Items

2. Commit
   - Check Requests
   - Match Request
   - Site with Available Inventory Items
   - Make
   - Add Items

3. Send
Bring aid to where it's needed most: Mapping
Messaging
Sahana Eden: Emergency Development Environment
### Warehouse Stock

#### Quantity (Sum) by Item

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<th>Item</th>
<th>VIC - Villiers Warehouse (Warehouse)</th>
<th>NAT - Villiers Warehouse (Warehouse)</th>
<th>NAT - Polham St (Warehouse)</th>
<th>NAT - Bowen Hills Warehouse (Warehouse)</th>
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**Reporting**

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**Hurricane Hackers**
Integration
Deployment Options

Host locally in the command center on a **Laptop**

Host in the **Cloud**

**Synchronize** these 2 together...
Support the City of Los Angeles

Give2LA is the official website for the City of Los Angeles that provides information on volunteer and donation opportunities to support emergency preparedness, response and recovery. Tax deductible contributions for Cash and Corporate in-kind items can be made through one or more of the non-profit organizations listed.

The spirit of philanthropy is an integral part of Los Angeles culture. Give2LA is a great way for individuals, groups and organizations interested in volunteering to help worthy causes and efforts before, during and after an emergency. Please register to receive notifications of future Requests for Volunteers and to apply for requests online.

DONATE

You can support our preparedness, response and recovery activities by making a monetary donation or by donating goods and services. CLICK HERE TO VIEW DONATION OPPORTUNITIES.

Corporations & Organizations
Corporations and Organizations can donate to support the City of Los Angeles, and also receive Situation Awareness Reports. CLICK HERE TO REGISTER.

VOLUNTEER

You can donate your time by becoming a volunteer to aid survivors of disasters or local emergencies. CLICK HERE TO VIEW REQUEST FOR VOLUNTEERS.

Organizations & Groups
Organizations and Groups can volunteer to support the City of Los Angeles, and also receive Situation Awareness Reports. CLICK HERE TO REGISTER.

Themes

Hurricane Hackers
- Red Cross
- City of Los Angeles
- UN World Food Programme
- UN OCHA
- Asia Disaster Preparedness Center
- Philippines Government: DSWD
- Nepal Government: DHM
- Portugal, India, Japan, Taiwan, Chile, Colombia, Mexico

Users
Community

- Sahana Software Foundation (501c3)
- Google Summer of Code
- Google Code-In
- Commercial Companies
- Documentation:
  - Wiki
  - Book
- Mailing List
- IRC
New York: Hurricane Sandy

- 3 instances setup within 1 week:
  - Hospital Tracking with Crisis Commons
  - Volunteer & Shelter Management for American Red Cross
  - Requests & Volunteer Management for Community groups including Occupy Sandy
The Need

- Lots of Requests
- Lots of Fulfillment
- Sprawling gDocs
- Hard to Prioritize supplies based on needs
- No Accountability
- No Reporting
The Solution

- True Multi-user Database
- Workflow
- Roles
- Reporting
- Integrated Mapping
- Integrated Messaging (thanks MobileCommons!)
Technology & more...

- **Python**: Web2Py
- **JavaScript**: jQuery, OpenLayers
- **HTML**
- **CSS**
- Ideas
- UI Design
- Testing
- Documenting