Sahana Healthcare and Messaging Modules

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Outline

- What is 'Sahana'
- Sahana integration options
- Healthcare (disease surveillance) module
- Messaging Module

SAHANA HOME

About Sahana

SAHANA MAIN

Sahana Home

-Login User Name Password Sign In

No account? Sign Up

> Login with an OpenID

About Sahana

System Information



Reporting System Synchronization

Welcome to the Sahana FOSS Disast

Sahana is a collection of web based disaster management applications that and collaboration in disaster situation and its aftermath. Sahana consists of

- Missing Person Registry Helps to report and search missing person.
- Disaster Victim Registry Traces internally displaced people (IDPs) and
- Organization Registry Lists 'who is doing what & where'. Allows relief a coordination among them.
- Request/Aid Management Tracks requests for aid and matches them
- Shelter Registry Tracks the location, distibution, capacity and breakdow
- Inventory Management Effectively and efficiently manage relief aid, er notify when items are required to refill.
- Messaging/Alerting Module Allows communication by email and SMS
- Volunteer Coordination Allows managing volunteers by capturing their
- . Aid Catalog Captures information on different catalogues and measure such as Inventory Management System and Request Management System
- Synchronization Allows data exchange between instances of Sahana by

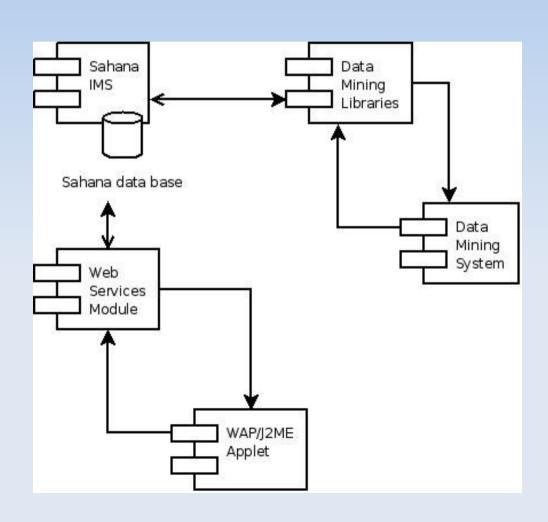
For more detail on Sahana system, see Sahana Website For live help from the Sahana community on using this application, go to Sa To access Sahana documentation, go to Sahana Wiki

Administrator: Sahana GSoC Admin.

Email: admin@gsoc.lk Telephone: 118

Integration options

- Web services interface with NuSOAP
 - PHP << >> PHP
 - PHP << >> Java
 - PHP << >> WAP
- SMS interface
- Datamining libraries
 - PHP << >>Java



Deisease Surveillance Module

- Recording community health information PHIs
 - Add desease
 - Report cases
 - Analysis
 - Cases
 - Desease



GPS Interface

Housing Registry

Image Tagger

Missing Person Registry

Disaster Victim Registry

Organization Registry

Reports cases

Case review

<u>Surviellance Reports</u>
 Disease data visualization

Reporting a patient to the system

Search and review disease cases

Messaging Module

- Outbreak alert PHIs
 - Send/Receive sms
 - Send/Receive e mail
 - Grouping of users/messages
 - Analysis



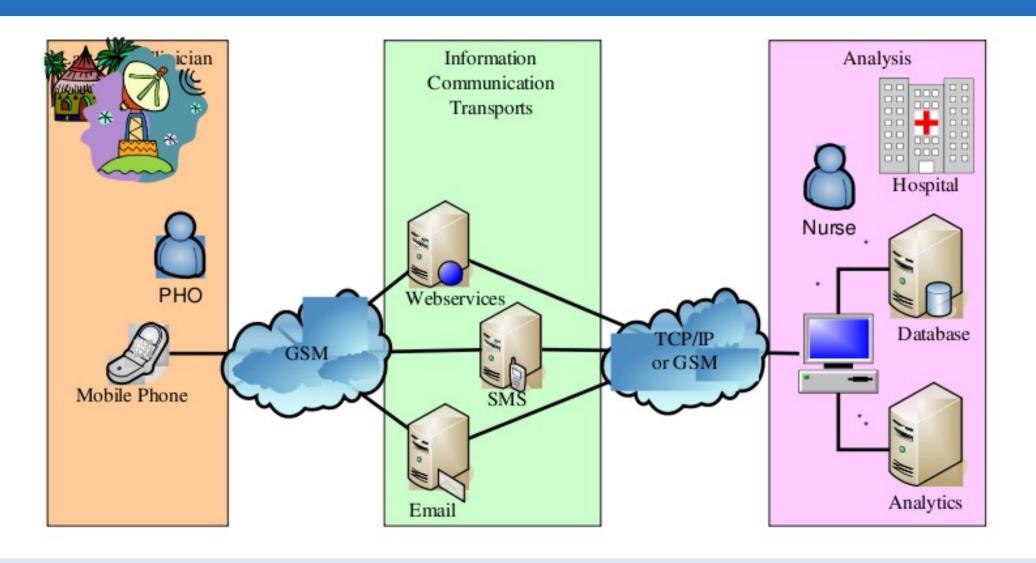
Messaging module is the main comvarious groups and individuals before and e-mail addresses.

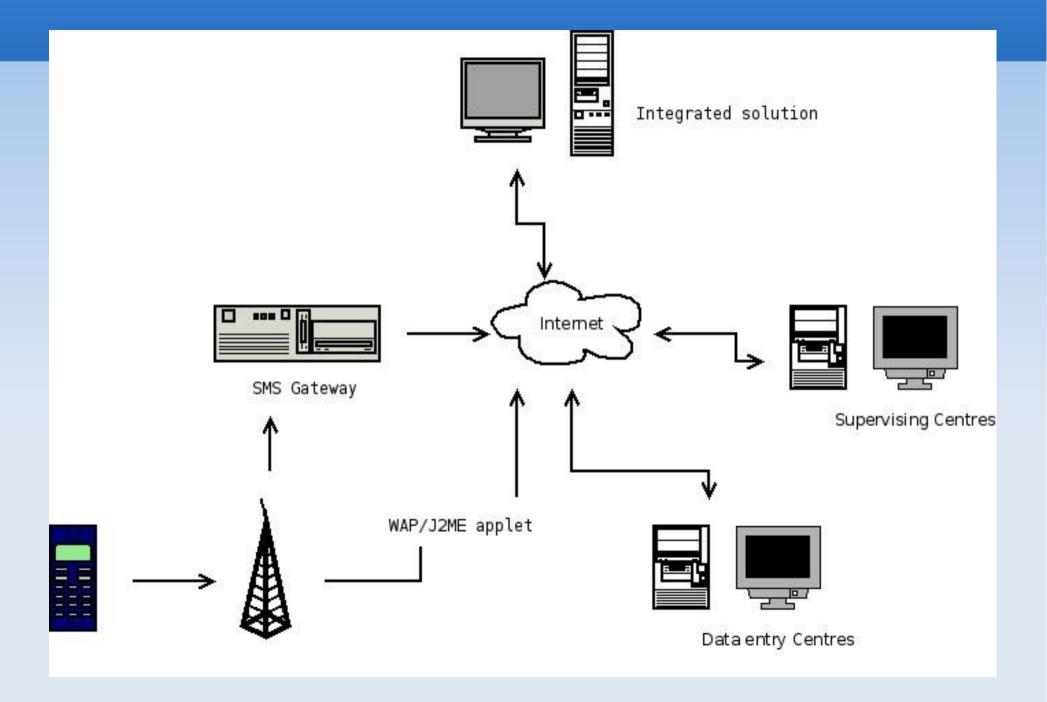
Features Include:

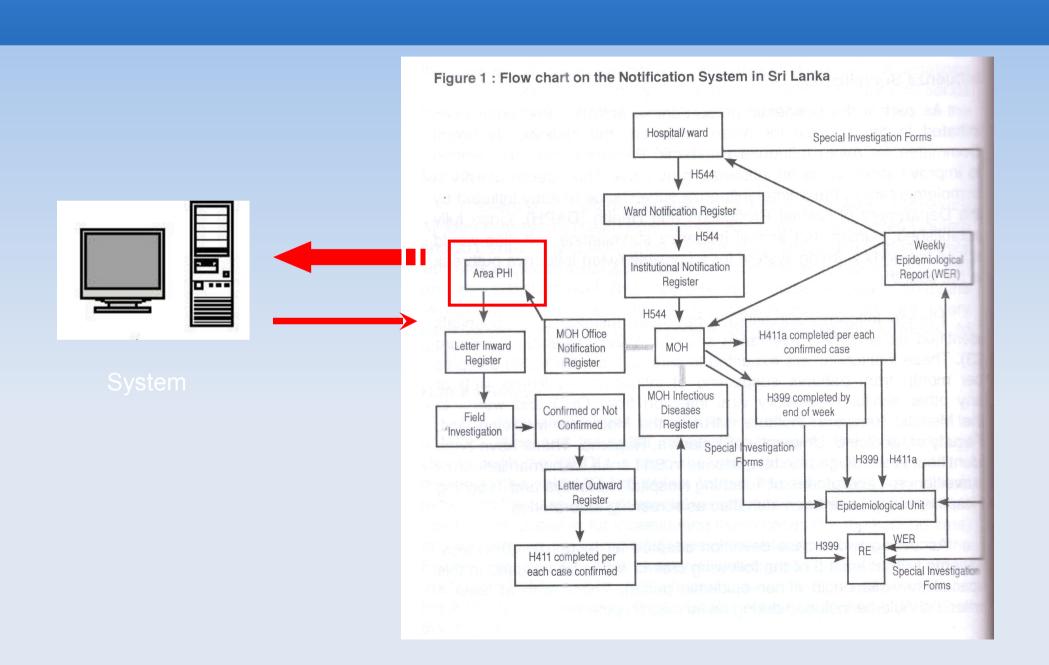
- Messages: SMS and e-mail alerts/messages co
- Manage Groups:
 Each end user is provided the facility
- CAP:

New Alert option enables end-user to a temporary directory. You can view View Alert option enables end-user them by selecting one of them and

Community based approach







Thank you