

Sahana Training Program

Day Schedule v0.5



Day 1	Description	Duration
9:00 am	Welcome to Sahana Training Program	10 mins
9:20 am	Keynote	
	Training Program overview, introduction to trainers and participants	10 mins
9:20 am	Overview of the Sahana system	40 mins
10:20 am	Introduction to Disaster Management (IS perspective)	20 mins
	Tea Break	20 mins
10:40 am	Typical Disaster Management Objectives	30 mins
12:00 pm	Tracking People in Disasters (Casualty Tracking)	30 mins
	International Assistance and Agencies	30 mins
	Lunch	1 hour
1:00 pm	Traditional Emergency Management	20 mins
2:20 pm	Communication in Disasters	30 mins
	Information Technology for Communication	20 mins
	Tea Break	
2:40 pm	FOSS and Humanitarian-FOSS	20 mins
4:00 pm	Quick Demos of Sahana (On Windows, Portable Apps, DSL)	30 mins
	Installing Sahana dependencies for Redhat / Fedora	10 mins
	Installing Sahana dependencies for Windows XP	20 mins
	Break if required	
4:00 pm	Installing Sahana dependencies for Debain / Ubuntu	10 mins
5:00 pm	Preparation of Class-room systems for Sahana installation	30 mins
	Day 1 Summary, General Discussion and Closure	20 mins

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Day 2	Description	Duration
8:45am 9:00 am	Introduction to Day 2	15 mins
9:00 am 10:20 am	Installing Sahana on Redhat / Fedora	10 mins
	Installing Sahana on Ubuntu / Debian	10 mins
	Installing Sahana on Windows XP	10 mins
	Standard Web Setup	10 mins
	Web Setup for Hosted Environment	10 mins
	Install Sahana on your Machine	30 mins
	Tea Break	20 mins
10:40 am 12:00 pm	The Sahana Directory Structure and configuration locations	20 mins
	Configuration the Location Hierarchy, Disaster levels , GIS	10 mins
	Configuring for different languages, terminology and locales	20 mins
	Exercise on the Above	30 mins
	Lunch	1 hour
1:00 pm 2:20 pm	Configuring Sahana Security, ACL, Data Classification	20 mins
	Configuring Web Services	10 mins
	Configuration Values and Module Naming	20 mins
	Exercise on the Above	30 mins
	Tea Break	20 mins
2:40 pm 4:50 pm	Installing your Sahana portable application	30 mins
	Sahana Live USB / CD based system	30 mins
	Exercise Installing Sahana on USB	50 mins
	Day 2 Summary, General Discussion and Closure	20 mins

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Day 3	Description	Duration
8:45am 9:00am	Introduction to Day 3	15 mins
9:00 am 10:20 am	The Missing Person Registry (People Tracing) Module	10 mins
	The Disaster Victim Registry (Displaced people) Module	15 mins
	The Volunteer Management System	20 mins
	Configuring the MPR, DVR and VM	15 mins
	People Management Exercise Scenario and planning	20 mins
	Tea Break	20 mins
10:40 am 12:00 pm	People Management Exercise with the Volunteer M., Missing People and Disaster Victim Registry	35 mins
	The Organization Registry (Who is doing What, Where) Module	15 mins
	The Shelter/Camp Registry Module	15 mins
	The Situation Mapping Module	15 mins
	Lunch	1 hour
1:00 pm 2:20 pm	Configuring the OR, CR and Situation Mapping modules	15 mins
	Background and preparation for the Situation Awareness Exercise	20 mins
	The Situation Management Exercise	45 mins
	Tea Break	20 mins
2:40 pm 4:00 pm	The Catalog System	15 mins
	The Inventory Management System	15 mins
	The Request Management System	15 mins
	Configuring the CS, RMS and Inventory	15 mins
	Aid Management Exercise Scenario and Preparation Exercise with Catalog S., Inventory M.S., Request M.S.	20 mins
	Break if required	
4:00 pm 5:00 pm	Exercise on Aid Management	50 mins
	Day 3 Summary, General Discussion and Closure	10 mins

Day 4	Description	Duration
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8:45am 9:00 am	Introduction to Day 4	15 mins
9:00 am 10:20 am	The synchronization module	20 mins
	Preparation for the Sahana mobile scenario	20 mins
	Exercise on Sahana mobility	40 mins
	Tea Break	20 mins
10:40 am - 12:00 pm	Report Generation and Charting	20 mins
	The Sahana Database Schema Overview	20 mins
	Managing the database with phpmyadmin	20 mins
	Debugging Problems in Sahana	10 mins
	Getting help from the community and submitting bugs	10 mins
	Lunch Break	1 hour
1:00 pm 2:20 pm	Sahana Architecture	20 mins
	CVS checkout of Sahana Exercise	20 mins
	Key Global & POST Variables	20 mins
	Stream handlers and libraries	20 mins
	Tea Break	20 mins
2:40 pm 4:00 pm	Possible module overrides for the user interface	20 mins
	Main module files	10 mins
	Main function signatures	20 mins
	Form Handlers	20 mins
	Break if required	
4:00 pm 5:00 pm	Module configuration and administration section creation	20 mins
	Creating a simple Hello world module Exercise	40 mins

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Day 5	Description	Duration
8:45am – 9:00am	Introduction to Day 5	15 mins
9:00 am – 10:20 am	Using the Database abstraction	20 mins
	Logging, error, warning and information messages	20 mins
	GIS Mapping and template handler	20 mins
	Form Processing and Validation	20 mins
	Tea Break	
10:40 am – 12:00 pm	Exercise on GIS / Form Validation	30 mins
	Creating a setup and database script	20 mins
	Module security definition	20 mins
	Module web services / data export creation	20 mins
	Lunch	
1:00 pm – 2:20 pm	Exercise, enhancing the skeleton module	40 mins
	Making and Submitting Patches	20 mins
	Working closely with the development community and becoming a committer	20 mins
	Tea Break	20 mins
2:40 pm – 3:00 pm	Day 4/5 Review, Program Closure and Feedback forms	20 mins