


**Volunteers
& P.A.N
Reporting
System**
Ver. 1.0

V.M.S. System Presentation

Introduction


- VMS is an online web application which would allow the Crisis Relief Squad of MCA (CRSM) **to manage volunteer, supply and crisis records.**
- The system, which allows CRSM to create, upload and modify volunteer and suppliers details. **SMSes will be sent to relevant members and suppliers to request for manpower and supplies.**
- VMS can also be done via mobile phones** that can be used to do crisis reporting from anywhere. This would allow crises and disasters to be reported pervasively if compared to doing a report using a personal computer.
- With VMS, CRSM hopes to speed up the process of dispatching members during a crisis as well as store a well documented list of crisis reports, memberships and supplies so that disaster relief may **now be done efficiently and easily.**

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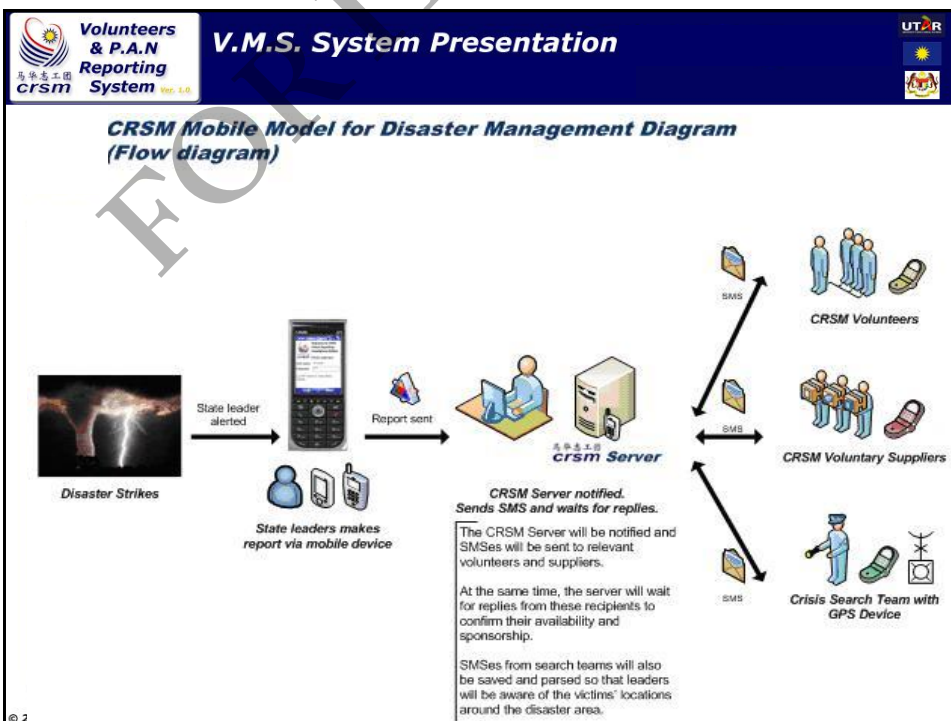


Objectives

The main objectives of the VMS are as follow:

- To allow **better management of volunteer records**
- To allow state leaders/national chiefs of CRSM **to perform crisis reporting** whenever a crisis/disaster strikes
- To create a more simpler and pervasive manner of **crisis reporting using the mobile** reporting module
- To allow a **paperless approach for record keeping and management**
- To provide better **organization of CRSM's crisis supplies** using Supply Chain Management (SCM)

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CMS (<http://www.crsim.org.my>)



The screenshot shows the CRSIM Web Portal interface. It includes a header with navigation links (Home, Introduction, Members, Activities, Downloads, Contacts, Forum, Events, Status, Links, Site) and a search bar. The main content area features a 'Welcome to the CRSIM Web Portal' message, an 'About CRSIM' section, and an 'Announcements' section. The right sidebar contains 'Links' (Register as a CRSIM Member, Log into the Volunteers Management System (VMS), Computer Based Training (CPT)) and a 'Media Player' section. The footer of the portal states: '© 2007, 2008 By the Crisis Relief Squad of MCA. All Rights Reserved. Terms Of Use Privacy Statement'.


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Part 1.0: Volunteer Management



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Logging into V.M.S.


- Volunteer Registration to create a new account



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Logging into V.M.S.


- Logging in



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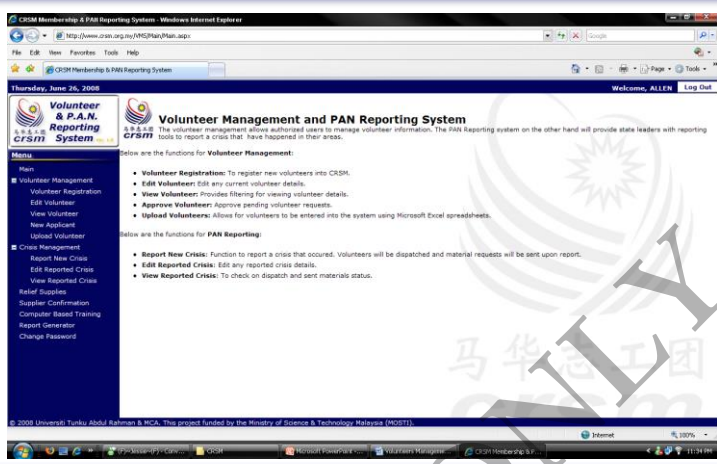


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V.M.S. Menu




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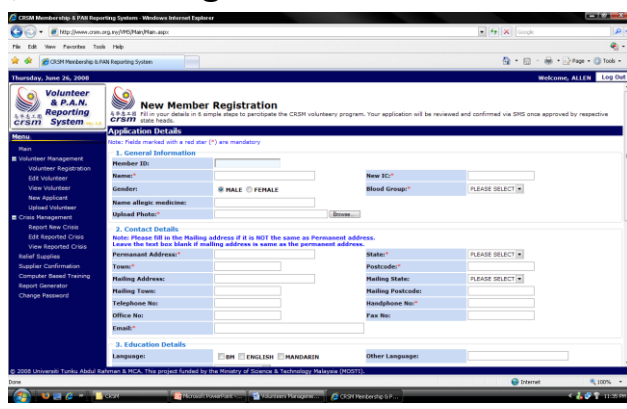
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1.0 Volunteer Management

1.1 Volunteer Registration




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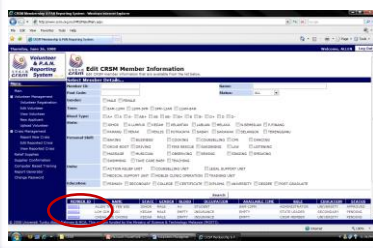

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1.0 Volunteer Management

1.2 Editing existing volunteer information

- Search for volunteers first
- Edit the volunteer's information by clicking on his/her ID



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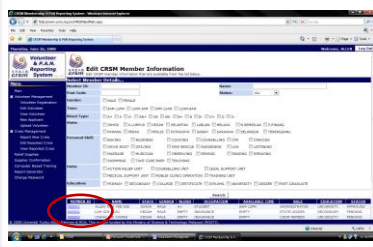

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1.0 Volunteer Management

1.3 View existing volunteer information

- Search for volunteers first
- View the volunteer's information by clicking on his/her ID


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1.0 Volunteer Management

1.4 New Applicant Approval




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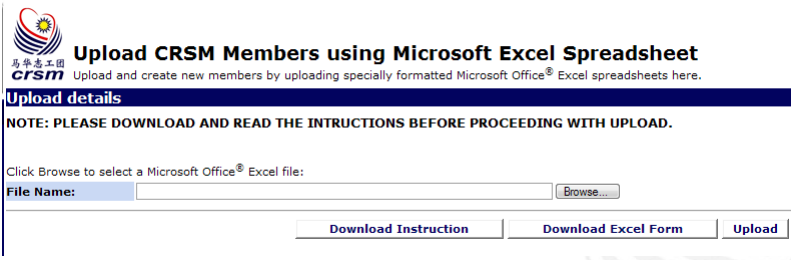
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1.0 Volunteer Management

1.5 Upload Volunteers



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Part 2.0: Crisis Management



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2.0 Crisis Management

2.1 Report New Crisis (Crisis Details)

P.A.N Online Crisis Reporting

General | **Management** | **Material**

Step 1 - Select Type Of Crisis
Crisis Type: Crisis No:

Step 2 - Input Crisis Information
State: City:
PostCode:
Date: Time:
Number of Pax: Number of Fatalities:
Number of Evacuees:
Possible Cause:
Evacuation Destination:
Transportation Route Affected:
Photo 1:
Photo 2:
Photo 3:

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2.0 Crisis Management

2.1 Report New Crisis (Manpower details)

P.A.N. Online Crisis Reporting
General **Manpower** Material
Step 3 - Search For Manpower

Gender: ☐ MALE ☐ FEMALE

Time: ☐ 8AM-12PM ☐ 12PM-5PM ☐ 5PM-12AM ☐ 12AM-8AM

Personal Skill:
☐ BAKING ☐ BUSINESS ☐ COOKING ☐ COUNSELLING ☐ CPR ☐ DANCING
☐ DRIVE BOOT ☐ DRIVING ☐ FIRE RESCUE ☐ GARDENING ☐ LAW ☐ LISTENING
☐ MASSAGE ☐ MUSICIAN ☐ OBSERVING ☐ SEWING ☐ SINGING ☐ SPEAKING
☐ SWIMMING ☐ TAKE CARE BABY ☐ TEACHING
Unit:
☐ ACTION RELIEF UNIT ☐ COUNSELLING UNIT ☐ LEGAL SUPPORT UNIT
☐ MEDICAL SUPPORT UNIT ☐ MOBILE CLINIC OPERATION ☐ TRAINING UNIT

Search Manpower

NUMBER ID	NAME	STATE	CLIQUE	AVAILABLE TIME	LANGUAGE
<input type="checkbox"/> 000001	ALLEN THAI YEN WEI	JOHOR	MALE	8AM-12PM	BN, ENGLISH, MANDARIN
<input checked="" type="checkbox"/> 000005	KHOOD HOON ENG	KEDAH	FEMALE	EMPTY	EMPTY
<input type="checkbox"/> 000006	LAW SIN LEE	KEDAH	MALE	EMPTY	BN, ENGLISH, MANDARIN
<input checked="" type="checkbox"/> 000007	LIM BOON ADK	KEDAH	MALE	EMPTY	EMPTY
<input type="checkbox"/> 000008	ONG BOON BOON	KEDAH	MALE	EMPTY	BN, ENGLISH, MANDARIN
<input checked="" type="checkbox"/> 000009	ODI LAY YONG	KEDAH	FEMALE	EMPTY	EMPTY
<input type="checkbox"/> 000010	POH CHENG HAI	KEDAH	MALE	EMPTY	EMPTY
<input checked="" type="checkbox"/> 000011	TAN CHEE HSONG	KEDAH	MALE	EMPTY	EMPTY
<input type="checkbox"/> 000012	TAN ENG HWA	KEDAH	MALE	EMPTY	EMPTY
<input type="checkbox"/> 000013	TAN YEE	KEDAH	MALE	EMPTY	EMPTY

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2.0 Crisis Management

2.1 Report New Crisis (Material details)

P.A.N. Online Crisis Reporting
General **Manpower** **Material**
Step 4 - Input Material Needs

Material Category:

Material Type:


Search Material

MATERIAL CODE	MATERIAL NAME	MATERIAL NAME	DESCRIPTION	MEASUREMENT
<input type="checkbox"/> E10001	BUCKETS(16 QUARTS)	BUCKETS(16 QUARTS)		UNIT
<input type="checkbox"/> E10002	CHANGKUL AND SHOVEL	CHANGKUL AND SHOVEL		UNIT
<input type="checkbox"/> E10003	HACK SAW	HACK SAW	HACK SAW INCLUDING 10 SPARE BLADES	UNIT
<input type="checkbox"/> E10004	RESCUE ROPES 100FT - 120FT	RESCUE ROPES 100FT - 120FT		UNIT
<input type="checkbox"/> E10005	BOLT CUTTER	BOLT CUTTER		UNIT
<input type="checkbox"/> E10006	SWISS ARMY KNIFE (1 PER MEMBER)	SWISS ARMY KNIFE (1 PER MEMBER)		UNIT
<input type="checkbox"/> E10007	SLEDGE HAMMER	SLEDGE HAMMER		UNIT
<input type="checkbox"/> E10008	HAMMER WITH CLAW	HAMMER WITH CLAW		UNIT
<input type="checkbox"/> E10009	HARD HAT (SAFETY HELMET WITH CRSM LOGO)	HARD HAT (SAFETY HELMET WITH CRSM LOGO)		UNIT
<input type="checkbox"/> E10010	UTILITY KNIFE	UTILITY KNIFE		UNIT

1 2 3 4 5 6 7 8 9 10


Select Material Delete Material

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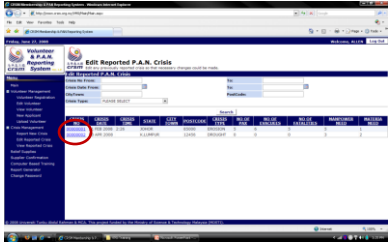
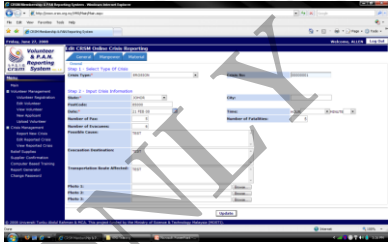
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2.0 Crisis Management

2.2 Edit Reported Crisis

- Search for crisis first
- Edit the crisis information by clicking the ID of the Crisis



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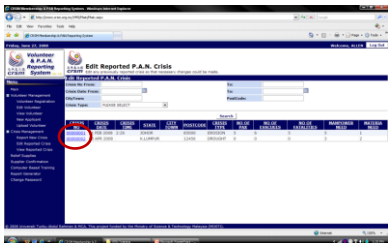
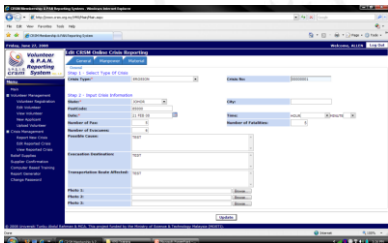
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2.0 Crisis Management

2.3 View Reported Crisis

- Search for crisis first
- View the crisis information by clicking the ID of the Crisis


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V.M.S. System Presentation & Training
by Derek Chan, Technical Advisor, UTAR



Below are the screenshots for the mobile-based reporting module:




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Mobile-based Reporting Module


- The mobile based system will allow crisis reporting to be done using Windows Mobile devices.
- The mobile based module also allows victim locations to be displayed on a map.
- This mobile system is also currently being ported over to Symbian based devices such as Nokia and Sony Ericsson.

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Conclusion

- The VMS system could also send crisis details and information to other NGOs or government agencies through the pervasive and ubiquitous framework.
- This could help increase the focus on a disaster struck area by providing what CRSM knows regarding the crisis.
- On the opposite end, the NGOs and government agencies could also send details back to the VMS. With such information sharing available, every involved party could coordinate to provide the relevant help to victims.
- In order to do this, technical discussions must firstly be made to ensure that the systems can communicate and coordinate the relevant information to each other.

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Thank You!



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