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Issuing Organisation Name : SHeavy

MySystem (v1.0)

Messir User Manual
- v 1.0.3 -

Based on IEEE Std 1063-2001 [1]

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Chapter 1
Product information

1.1 Identification

Include precise information of the software product like identification name (that you can include in the Glossary), list of parts that compose it (indicating identification numbers for each part). Specify the applicable operating environment(s), including version(s) of hardware, communications, and operating system(s).

1.2 Copyright

1.3 Trademark notices

1.4 Restrictions

Restrictions on copying or distributing the software and its associated documentation.

1.5 Warranties

1.6 Contractual obligations

1.7 Disclaimers

1.8 Contact

Information for contacting the issuing organization.

Chapter 2
General Information

glossaries

2.1 Scope

This section has to provide the scope of the user's manual document. In the following some opening statements to use when providing the information corresponding to this section.

This document provides the basic knowledge to use SHEAVY . . . ABC1

This document does not explain how it was implemented. . .

This document is not intended to explain the functionalities behind SHEAVY. . .

This document may be used with . . .

2.2 Purpose

In this section you explain the purpose (i.e. aim, objectives) of the user's manual. In the following some examples of opening statements to be used in this section.

The purpose of this document is to show the users how to use SHEAVY and understand it's interface. . .

This document defines clear usages of SHEAVY . . .

This document is meant to help the users have their first approach with the system SHEAVY. . .

2.3 Intended audience

Description of the categories of persons targeted by this document together with the description of how they are expected to exploit the content of the document. EXTERIOR: All person which isn't involved with the crisis management will have a simple guideline to access to the newss published in the application. INTERIOR: All person activly helping controling the crisis will have a overall view of the interface. They will know where to find which information. Our contact list search will be explained to let them find anybody easily, person or institution.

2.4 SHEAVY

Brief overview of the software application domain and main purpose. Our app is a epidemic crisis management web based project. Data from different sources will be fetched together to centralize all the known statuses and information of the crisis in some simple clicks. Allowing to find someone easily. Realtime view of the ressources locations and distributions.

2.4.1 Actors & Functionalities

Overview of all the ***actors*** interacting with the software being them either humans (called end-users in the standard [1]) or not. For each actor, describe the main software functions that are offered to him. Structure of this sub-section MUST be by actor/functionalities.

2.4.2 Operating environment

Brief overview of the infrastructure on which the software is deployed and used. Our system is implemented on a securized server from IBM.

2.5 Document structure

Information on how this document is organised and it is expected to be used. Recommendations on which members of the audience should consult which sections of the document, and explanations about the used notation (i.e. description of formats and conventions) must also be provided.

Chapter 3
Usage Guide

This section is aimed at describing the general use of the software. Such information is grouped by the different kinds of actors. Such actors are expected to use the software to perform some processes or workflows (called here procedures) using the concerned software **(including installation procedures)**.

The description of the processes should be organised to facilitate learning by presenting simpler, more common, or initial processes before more complex, less utilised, or subsequent processes.

Common procedures should be presented once to avoid redundancy when they are used in more complex procedures.

Each process has to be documented using the following use-case textual description template [2] **BUT its content must be as low level as possible with actual values**:

Use Case: ProcessMissionOne
Scope: Crisis Management System (*CMS*)
Primary Actor: Coordinator John
Secondary Actor: FirstAidWorker Bob,
ExternalResourceSystem (ERS)
Intention: The intention of the Coordinator is to process mission with ID equal to 1.
Level: Sub-functional level
Main Success Scenario :
1. *John* instructs the *CMS* to process a specific mission.
2. *CMS* selects the internal worker *Bob* to execute the mission.
3. *CMS* instructs '*Bob* to behave as *FAW*.
4. *Bob* informs to the *CMS* of his arrival.
5. *Bob* executes the mission.
6. *Bob* informs to the *CMS* the mission outcome.

Extensions :
2.a None internal worker can execute the mission.
2.a.1 *CMS* requests an external resource to *ERS*.
2.a.2 *ERS* informs *CMS* that the request can be processed.
Use case continues at step 3.

Remark : Graphical User Interfaces (GUIs): include GUIs screenshots to show the different stages of the process while its is performed by the actor.

3.1 Actors common procedures

Common procedures to several actors are grouped in this section to avoid redundancy.

Chapter 4
Software operations

Explain each allowed software operations (i.e. an atomic unit of treatment, a service, a functionality) including a brief description of the operation, required parameters, optional parameters, default options, required steps to trigger the operation, assumptions upon request of the operation and expected results of executing such operation. Describe how to recognise that the operation has successfully been executed or abnormally terminated. The template given below (i.e. section 4.1 has to be used).

Group the operations devoted to the needs of specific actors. Common operations to several actors may be grouped and presented once to avoid redundancy.

4.1 MyOperation

The system operator creates and adds a new crisis to the system after being informed by a third party (citizen, organization) and selects a crisis handler for the crisis.

Parameters: Reporter Personal Information, Crisis Information, Crisis Handler
Precondition: The system operator is logged in and has received information from a reporter.
Post-condition: A new crisis has been added to the system and the new crisis has been assigned to a crisis handler, the Handler has received an automatic notification from the system.
Output messages: The selected Crisis Handler will be notified automatically once the crisis has been created.
Triggering:

1. From within the crisis management window fill out the required entries related to the personal information of the reporter such as name and phone number.
2. Fill out the entries related to the crisis type, impacted area, priority, description, GPS coordinates, address and finally choose a Crisis Handler from the combo box.
3. Click on the "Submit" button in and add the entry to the database.

4.1.1 MyExample1

Examples should illustrate the use of **complex operations**.

Each example must show how the actor uses the software operation under description to achieve (at least one of) its expected outcome.

It might be required to include GUI screenshots to illustrate the example.

Chapter 5
Error messages and problem resolutions

All known problems in using the software should be listed and explained in details using the structure presented below.

Contact information for reporting any problems (either with the software or this document) should be clearly indicated

5.1 Error message 1

5.1.1 Problem identification

A description explaining the meaning of the faced problem.

5.1.2 Probable cause

A description explaining the reasons why such a problem has been raised.

5.1.3 Corrective actions

Describe the required steps the actor should take to recover from such situation.

Appendix A
Title of the appendix 1

Here you write the context of the appendix, structuring such content in sections, sub-sections and sub-sub-sections, if needed.

An example of appendix is the flat presentation of all the graphical user interface screens. Each screen can be presented (identification symbol and description) and screens transition graph can be given.

A.1 My Section

Description of the section.

A.1.1 My subSection

A.1.1.1 My subSubSection

References

1. IEEE: IEEE Standard for Software User Documentation. IEEE Std 1063-2001 (Dec 2001) 1–24
2. Armour, F., Miller, G.: Advanced Use Case Modeling: Software Systems. Addison-Wesley (2001)