



FEI Systems

Connecting Every Dimension of  
Health and Human Services

# FASAMS Requirements Document

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## FASAMS Message Control and Management

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Created by: Jesse Lindsey

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## GENERAL

### VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
6/26/2018	1.0	Tamara Davis	Initial
1/31/2019	1.1	Jesse Lindsey	Initial update after JAD
2/3/2019	1.2	Jesse Lindsey	Update to requirements with more specificity
2/4/2019	1.3	Jesse Lindsey	Document updated after 0008 enhancement split
2/12/2019	1.4	Jesse Lindsey	Add Eric's mock ups and tweaks as necessary
2/13/2019	1.5	Jesse Lindsey	Update requirements based on mock ups
2/14/2019	1.6	Yiwen Ma	Internal Review

### STAKEHOLDERS

Role	Name
FEI Business Analyst	Jesse Lindsey
FEI Account Manager	Kory Schnoor
DCF SAMH Project Director	Nathan McPherson
DCF SAMH Project Sponsor	Adam L. Wasserman
DCF Business Analyst	Tammy Davis

## SCOPE

### INITIAL REQUEST & ASSUMPTIONS

The FASAMS login page should have the ability to provide other information as needed such as planned downtime or DCF messages so that users can plan accordingly. FASAMS should also have the ability to broadcast a message to all users logged into the system in the event the system must be taken down for unplanned reasons.

#### *Scope Definition*

The functionality that is in scope follows:

- An informational message section to display on the FASAMS login page to that displays configurable messages.
- The ability to allow a DCF user, with the appropriate role, to create, edit and delete informational messages that will display on the login page.
  - Ideally, we would be able to have multiple messages. Only one could be active at a time, or all could be inactive. This allows for standard messages to be saved and activated only when needed.
- The ability to broadcast a message to all users logged into the application.

### EXISTING FUNCTIONALITY

Currently, FASMAS has a landing page that shows a Disclaimer that is visible by all users attempting to access the system.

### PROPOSED FUNCTIONALITY

A new tile called “Messages” will be implemented under the FASAMS Administration tab, and allow DCF user to:

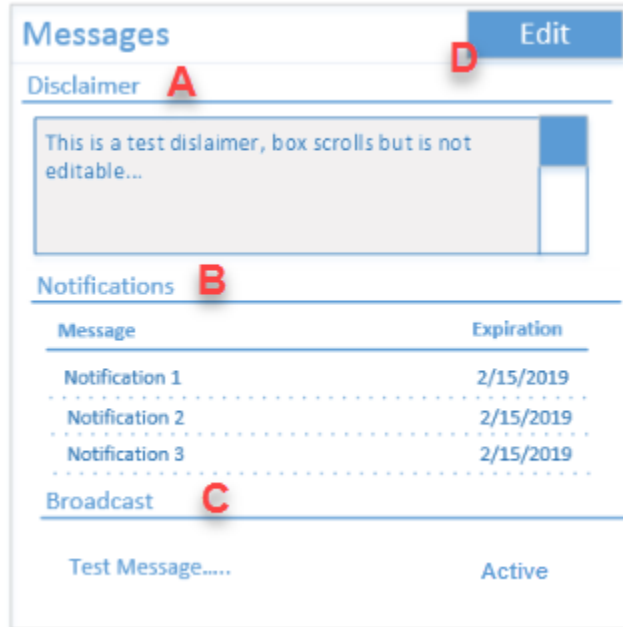
- Control the Disclaimer message on the landing page;
- Create Notification Messages that will populate on the landing page;
- Create a Broadcast Message that will stay the top banner of the FASAMS portal

### INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	Item(s)	Description	Estimate/ Quote
01/17/2019	8354, 8646	Initial Estimate	180-375 hours (both WI 8354 and 8646)
2/18/2019	8354	Final Estimate	Final Estimate: Analysis = 36 Dev = 60 Test = 40 Acct / Project Management = 16 <b>Total = 152</b>

# REQUIREMENTS

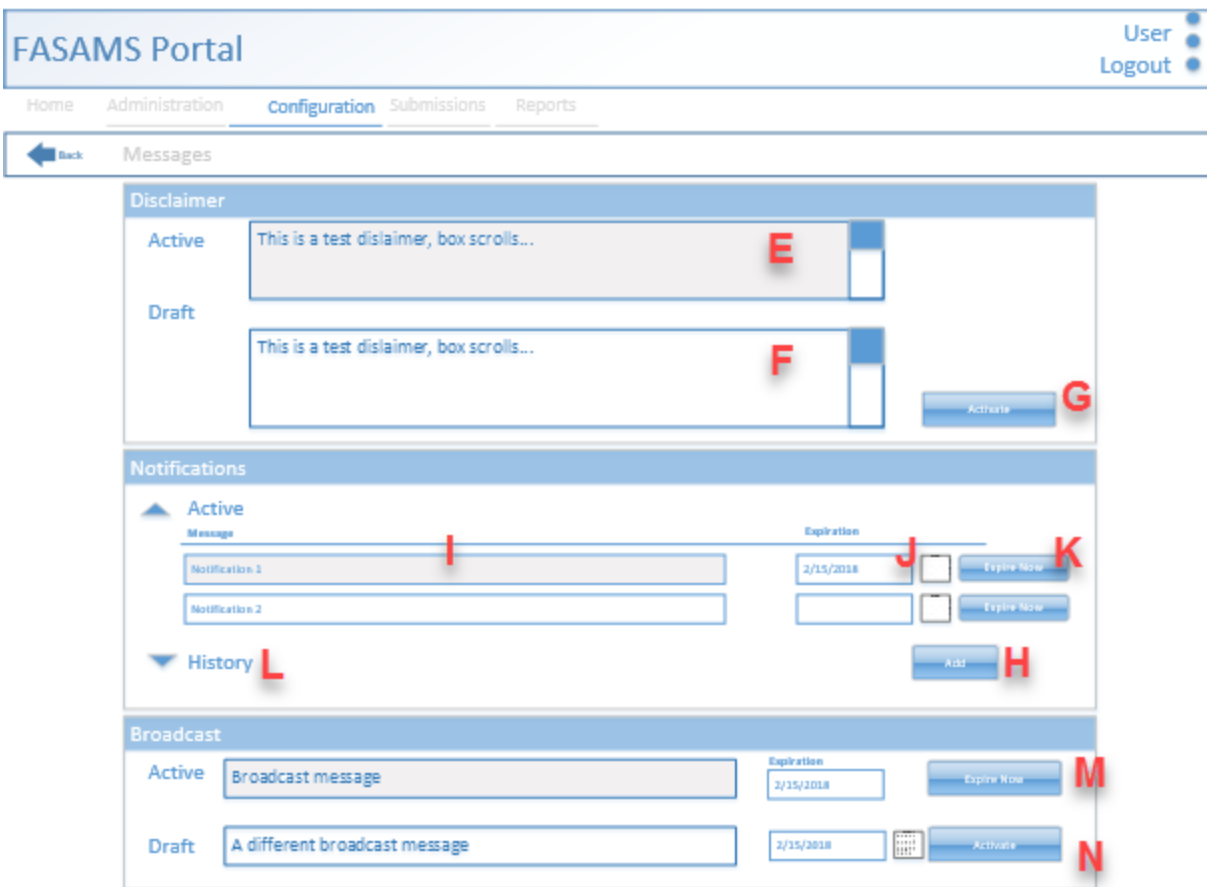
## 1. CREATE MESSAGES TILE



Req. ID	Requirement	Ref. ID	Dev	QA
1.1	Create the following new permissions: <ul style="list-style-type: none"> <li>View Messages</li> <li>Edit Messages</li> </ul>			
1.2	Create a "Messages" tile on FASAMS Administration tab <ul style="list-style-type: none"> <li>Only users with the roles containing the following permissions can see this tile: "View Messages" or "Edit Messages".</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
1.3	The new tile will contain 3 sections including: <ul style="list-style-type: none"> <li>Disclaimer section</li> <li>Notifications section               <ul style="list-style-type: none"> <li>Shows all current Notifications and their expiration date</li> </ul> </li> <li>Broadcast section</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
1.4	The Disclaimer section on the 'Messages' tile should display the currently active disclaimer in a read-only text area which can be scrolled to show the full message.	A	<input type="checkbox"/>	<input type="checkbox"/>
1.5	The Notifications section on the tile should display all active notifications in two columns: <ul style="list-style-type: none"> <li>Message – should display the beginning text of each current Notification;</li> <li>Expiration – should display the Expiration Date of the Notification.</li> </ul>	B	<input type="checkbox"/>	<input type="checkbox"/>
1.6	The Broadcast section on the tile should <ul style="list-style-type: none"> <li>Display the current active broadcast message, if there is one;</li> <li>Display the draft message, if there is no active message at the moment;</li> <li>Be left empty if there is no Active or Draft message.</li> </ul>	C	<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Ref. ID	Dev	QA
	<ul style="list-style-type: none"> <li>When the Active/Draft message is displayed, its status should be displayed next to the message.</li> </ul>			
1.7	<p>The Messages tile will have an “Edit” button in the top right corner of the tile.</p> <ul style="list-style-type: none"> <li>This button should be visible only to users with the roles that assigned with the permission “Edit Messages”;</li> <li>A clicked to it should launch the Messages Workspace (See Section 2 below) where users can edit the three FASAMS message types.</li> </ul>	D	<input type="checkbox"/>	<input type="checkbox"/>

## 2. CREATE MESSAGES WORKSPACE



The screenshot displays the 'Messages' workspace in the FASAMS Portal. It is divided into three main sections: Disclaimer, Notifications, and Broadcast. Each section contains 'Active' and 'Draft' message types. The Disclaimer section has an 'Activate' button. The Notifications section includes an 'Add' button and 'Expire Now' buttons. The Broadcast section also has an 'Activate' button. Red letters (E, F, G, H, I, J, K, L, M, N) are overlaid on the image to highlight specific UI elements corresponding to the requirements.

Req. ID	Requirement	Ref. ID	Dev	QA
2.1	<p>The Messages Workspace should contain 3 panels including:</p> <ul style="list-style-type: none"> <li>Disclaimer section</li> <li>Notifications section</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Ref. ID	Dev	QA
	<ul style="list-style-type: none"> <li>○ Active Notifications</li> <li>○ Notification history (last 5 messages)</li> <li>● Broadcast Message</li> </ul>			
<b>2.2</b>	<b>Disclaimer Panel</b> <u>Note:</u> This panel will be used to edit the FASAMS disclaimer message that is currently displayed on FASAMS landing screen, but is not editable by end users.			
<b>2.2.1</b>	The Disclaimer section of the workspace should have an uneditable “Active” text area that will show the current version of the disclaimer message to the user. The text area is scrollable to show the entire message.	<b>E</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.2.2</b>	The Disclaimer section of the workspace should have an editable “Draft” text area that will allow the end user to enter a draft disclaimer message that will automatically be saved for later use. The text area is scrollable. Character limit: 1000 <u>Note:</u> The auto-saved draft disclaimer will not be activated (displayed on the Disclaimer screen) until the user clicks on the “Activate” button ( <b>G</b> )	<b>F</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.2.3</b>	The Disclaimer section should have an “Activate” button. A click to this button should <ul style="list-style-type: none"> <li>● Activate the current Draft so it displays on the FASAMS landing page and replaces the text in the “Active” textbox;</li> <li>● Clear the “Draft” text area.</li> </ul>	<b>G</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.3</b>	<b>Notifications Panel</b> <u>Note:</u> This panel will be used to edit the notifications to be displayed on FASAMS landing screen. This message type does not exist today.			
<b>2.3.1</b>	The Notifications panel of the workspace should contain two expandable sections: <ul style="list-style-type: none"> <li>● “Active”</li> <li>● “History”</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
<b>2.3.2</b>	The “ <b>Active</b> ” section should list all active notifications. Each notification row should have a “Message” textbox, an “Expiration” date picker and an “Expire Now” button.		<input type="checkbox"/>	<input type="checkbox"/>
<b>2.3.2.1</b>	<b>“Add” Button</b> – A click to this button should insert an empty notification row, allowing users to add a new notification by specifying the message text and expiration date. <ul style="list-style-type: none"> <li>● A new notification should become active immediately after being saved.</li> </ul>	<b>H</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.3.2.2</b>	<b>“Message” Textbox</b> – should allow users to edit the notification message. The field should be required when editable. Character limit: 500	<b>I</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.3.2.3</b>	<b>“Expiration” Date Picker</b> – should allow users to select the expiration date of the notification. <ul style="list-style-type: none"> <li>● This field should be required;</li> <li>● Users should not be able to select an Expiration Date that is earlier than the current date;</li> <li>● Once an Expiration Date is selected, its “Message” textbox should become read-only;</li> <li>● A notification should expire on its Expiration Date at 11:59PM, and be moved from the “Active” section to “History”.</li> </ul> <u>Note:</u> A notification will not be saved therefore become active until both required fields (Message and Expiration) have been entered.	<b>J</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.3.2.4</b>	<b>“Expire Now” Button</b> – A click to this button should expire the notification immediately by setting the notification’s Expiration Date to the current date and time, and move it from the “Active” section to “History”.	<b>K</b>	<input type="checkbox"/>	<input type="checkbox"/>

Req. ID	Requirement	Ref. ID	Dev	QA
2.3.3	The <b>“History”</b> section should show the five most recently expired Notification messages in read-only mode in two columns: <b>“Messages”</b> and <b>“Expiration”</b> . <ul style="list-style-type: none"> <li>The messages should show in descending order with recently expired first.</li> </ul>	L	<input type="checkbox"/>	<input type="checkbox"/>
2.4	<b>Broadcast Panel</b> <u>Note:</u> This panel will be used to edit the broadcast message to be displayed on FASAMS’s top banner. This message type does not exist today.			
2.4.1	This panel should have an <b>“Active”</b> message row containing the following:	M	<input type="checkbox"/>	<input type="checkbox"/>
2.4.1.1	An uneditable textbox that should <ul style="list-style-type: none"> <li>Show the current active message, if applicable</li> <li>If there is no active message the textbox should appear blank</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
2.4.1.2	An <b>“Expiration”</b> date picker that should <ul style="list-style-type: none"> <li>Stay editable;</li> <li>Not allow user to select a date that is earlier than the current date;</li> <li>An active broadcast message should expire on its Expiration Date at 11:59PM, then stop being displayed at the designated place on FASAMS portal (See Req. 3.3) and be removed from this Active row.</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
2.4.1.3	An <b>“Expire Now”</b> button that should <ul style="list-style-type: none"> <li>Allow the user to immediately expire the notification message by setting the message’s expiration date to the current date and time. Both Message and the Expiration fields should be cleared then.</li> </ul> This button should be disabled if there is no active message at the moment.		<input type="checkbox"/>	<input type="checkbox"/>
2.4.2	This panel should have a <b>“Draft”</b> message row containing the following:	N	<input type="checkbox"/>	<input type="checkbox"/>
2.4.2.3	An editable textbox that should <ul style="list-style-type: none"> <li>Allow the user to enter a draft broadcast message that will automatically be saved for later use. Character limit: 150</li> </ul> <u>Note:</u> The auto-saved draft message will not be activated (displayed on the top banner) until the user clicks on the <b>“Activate”</b> button		<input type="checkbox"/>	<input type="checkbox"/>
2.4.2.4	An <b>“Expiration”</b> date picker that should <ul style="list-style-type: none"> <li>Allow the user to enter/select an Expiration Date;</li> <li>Users should not be able to select an Expiration Date that is earlier than the current date.</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>
2.4.2.5	An <b>“Activate”</b> button <ul style="list-style-type: none"> <li>The button should be enabled only when the draft’s message and expiration date are both entered.</li> </ul> Once the <b>“Activate”</b> button has been clicked, the following should occur: <ul style="list-style-type: none"> <li>The draft message should be activated immediately and replace the current active message, if there is any;</li> <li>The newly activated message should appear on the designated broadcast message location (See Req 3.3);</li> <li>The <b>“Draft”</b> message row identified in 2.4.2 will be cleared of all data</li> </ul>		<input type="checkbox"/>	<input type="checkbox"/>



### 3. MESSAGES DISPLAY

**Disclaimer**

**WARNING:**


Access to this system is restricted to authorized users only. Violators subject to imprisonment and/or fine. Continuing beyond this point certifies your understanding and compliance with all applicable restrictions and regulations. Q

OK

**Message 1 displayed**

**Message 2 displayed**

**Message 3 displayed**


FASAMS 1.0.1
Broadcast message displays in this bar on all tabs and scrolls if the message is long enough to require a scroll Q
jesse.lindsey  
Logout

Administration
Configuration
Submission
Reports

Req. ID	Requirement	Ref. ID	Dev	QA
<b>3.1</b>	<b>Disclaimer Message display in FASAMS</b>	Q		
<b>3.1.1</b>	Disclaimer messages should appear in the present location and requires no change.			<input type="checkbox"/>
<b>3.2</b>	<b>Notification Message display in FASAMS</b>	P		
<b>3.2.1</b>	Each currently active Notification messages (See Req. 2.3.2) should show up as a bullet pointed item on the landing page under the Disclaimer message		<input type="checkbox"/>	<input type="checkbox"/>
<b>3.2.2</b>	The notification Messages should display in the order of nearest to expire based on the Notification Message Expiration Date identified on the Messages tile in the Administration tab		<input type="checkbox"/>	<input type="checkbox"/>
<b>3.2.3</b>	The FASAMS landing page should not display the Expiration Date of the Notification Message		<input type="checkbox"/>	<input type="checkbox"/>
<b>3.2.4</b>	Once a Notification Message's Expiration Date has passed, the message will stop showing on the landing page and the next message will move into the top Notification Message spot.			<input type="checkbox"/>
<b>3.3</b>	<b>Broadcast Message display in FASAMS</b>	Q		

Req. ID	Requirement	Ref. ID	Dev	QA
3.3.1	The Broadcast message should be displayed on the top banner of all FASAMS tabs.		<input type="checkbox"/>	<input type="checkbox"/>
3.3.2	The Broadcast Message can display as a static, non-moving message or as a scrolling message if the text is beyond a certain number of characters		<input type="checkbox"/>	<input type="checkbox"/>