FEI Systems

Connecting Every Dimension of
Health and Human Services

FASAMS Requirements Document

0019_User Account Modifications

Created by: Jesse Lindsey

Dated: 3/17/2019

CONTENTS

GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
12/27/2018	1.0	Tammy Davis	Initial Document Creation
3/4/2019	1.1	Jesse Lindsey	Document update after JAD
3/17/2019	1.2	Jesse Lindsey	Updates to requirements and mockups added
3/19/2019	1.3	Yiwen Ma	FEi Internal Review
3/21/2019	1.4	Jesse Lindsey	Final Estimate added

STAKEHOLDERS

Role	Name
FEI Business Analyst	Jesse Lindsey
FEI Account Manager	Kory Schnoor
DCF SAMH Project Director	Nathan McPherson
DCF SAMH Project Sponsors	Sen-Yoni Musingo / Adam L. Wasserman
DCF Business Analyst	Tammy Davis

SCOPE

INITIAL REQUEST & ASSUMPTIONS

Business Statement

DCF as well as administrative users have expressed a need to update user email addresses as well as be able to see some specific information about each user on their User Workspace page.

Scope Definition

An Enhancement is needed to allow an administrator to make changes to user accounts and provide more information about a user account.

- Allow a user's email address to be editable
- Show the name of the person who created the user, last updated or reset the user's password
- The number of failed attempts since the last successful login
- Show the last login of the user

A report should also be created to indicate the last person who accessed user accounts and reset or disabled accounts.

EXISTING FUNCTIONALITY

Currently on FASAMS User Workspace page,

- The Profile panel shows a user's name and email address. The email address is read-only.
- The Account panel show the user's username, status, and roles, and no other information is provided here.

Screenshot: User Workspace

PROPOSED FUNCTIONALITY

Make the following changes on the User Workspace screen:

- On the Profile panel, make the Email field editable and required.
- On the Account panel,
    - Add a new section called "Account Information" to display when and by whom this account was created and which user last reset this account's password;
    - Add a new section called "Login Information" to display the last login timestamp of this user account and the number of failed login attempts since the last successful login.

Create a new report named "User Account Security" for DCF Security users to view all FASAMS users account information and login information. Users will be able to filter the report by users' last names and view the following information of FASAMS users:

- First Name
- Last Name
- User ID
- Account Creation Date
- Last Login
- IP Address of Last Login
- Computer Name from Last Login
- IP Address of Last Failed Login
- Computer Name from Last Failed Login
- Number of failed Login attempts since last successful login
- Account Status
- Account Locked/Disabled/Closed By

- Last Password Reset By
- Last Password Reset Date
- Number of days before password expires

INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	Item(s)	Description	Estimate/ Quote
1/17/2019	8361	Initial Estimated Hours	90 to 180
3/21/2019	8361	Final Estimated Hours	Analysis: 36 Development: 80 Testing: 56 Acct/Project Management: 16 **Total: 188**

REQUIREMENTS

1. UPDATE USER WORKSPACE

Req. ID	Requirement	Ref. ID	Dev	QA
1.1	Any users with the permission 'Edit Users' will now have access to the new/updated functionalities described in 1.2, 1.3 and 1.4.			☐
1.2	Allow email to be edited on the User Workspace page under the Profile panel • Email should be a required field; ○ Business Rule: The email address must be unique across all user accounts in FASAMS.	**A**	☐	☐

Req. ID	Requirement	Ref. ID	Dev	QA
	○ This Error Message should be displayed when the validation rule above fails: "A system account with the given identifier or email address already exists." • Once edited, email will automatically be saved once correct email structure is typed Note: If email is partially deleted or not in the correct structure, then email will not save and previously saved email will remain in DB and on UI			
1.3	Add a new section "Account Information" to the Account panel	B	☐	☐
1.3.1	The Account Information section should display the following read-only fields: • "Created By:" – displays the username of the account creator for the current account; • "Last Updated By:" – displays the username that made the last change (any change on the Workspace screen) to the current account; • "Password Last Updated By:" – displays the username that last clicked the "Reset Password" button for the current account.		☐	☐
1.4	Add a new section "Login Information" to the Account panel	C	☐	☐

1.4.1	The Login Information section should display the following read-only fields:
	 • "Last Successful Login:" – Displays the last date and time the user successfully logged into with this account.
	  ○ DateTime Format: MM/DD/YYYY HH:MM [AM/PM]
	 • "Number of Failed Login Attempts Since Last Successful Login:" – Displays the number times the user has tried to login since the last successful login
	  ○ Display resets to '0' once the user successfully logins
			☐	☐

2. CREATE USER ACCOUNT SECURITY REPORT

First Name	Last Name	User ID	Account Creation Date	Last Login	IP Address of Last Login:	IP Address of Last failed Login:	Number of failed login attempts since last successful login	Account Status	Account Locked / Disabled / Closed By	Last Password Reset By	Last Password Reset Date	Number of days before password expires
Jesse	Lindsey	Jesse.Lindsey	1/1/2019 11:03 AM	3/5/2019 3:35 PM	181.51.200.192		0	Active	N/A	DCF.User	1/22/2019	13
DCF	User	DCF.User	1/1/2019 3:35 PM	1/2/2019 3:49 PM	169.81.232.255		0	Disabled	System	N/A	1/1/2019	N/A
End	User	End.User	1/1/2019 3:49 PM	2/28/2019 4:59 PM	148.34.117.181		0	Locked	Tammy.Davis	Test.User	2/1/2019	23
ME	User	ME.User	1/15/2019 4:59 PM	1/16/2019 11:03 AM	8.94.193.146		3	Active	N/A	Test.User	1/29/2019	21

Req. ID	Requirement	Dev	QA	
2.1	**Report and Data Access**			
2.1.1	Create new report folder named "Security" on FASAMS Report tab	☐	☐	
2.1.2	Create new permission: "View Security Reports" • Only users with this permission can see the "Security" folder on the FASAMS report tab	☐	☐	
2.1.3	A new report "User Account Security" should be created and placed under the FASAMS Reports section, Security folder.	☐	☐	
2.2	**Report Filtering**			
2.2.1	Users should be able to filter the report by using any of the below serach filters • "Last Name" textbox search • "First Name" text box search • "Account Status" dropdown menu • "Account Locked/Disabled/Closed by" dropdown menu • Search parameters are optional to run the report. If the user searches without entering a search paramters then the report will return all FASAMS account users	☐	☐	
2.3	**Report Layout** – Once generated, the report should contain the following items: • Report Title: User Account Security • Report Criteria – Lists criteria that the report is run on • Report Table • The date and time when the report was generated: "Data as of <date and time>"	☐	☐	
2.4	**Columns** – the report will show the following Account information:			
2.4.1	• First Name	☐	☐	
2.4.2	• Last Name	☐	☐	
2.4.3	• User ID	☐	☐	
2.4.4	• Account Creation Date – displays the date and time when the user account was created. Format: MM/DD/YYYY HH:MM [AM/PM]	☐	☐	
2.4.5	• Last Login – displays the date and time of the last successful login with this user account. Format: MM/DD/YYYY HH:MM [AM/PM]	☐	☐	
2.4.6	• IP Address of Last Login– displays the IP address of the last login with this user account.	☐	☐	
2.4.7	• Computer Name from Last Login – displays the Computer Name of the last login with this user account.	☐	☐	
2.4.8	• IP Address of Last Failed Login – displays the IP address of the last failed login attempt			
	• Computer Name from Last Failed Login – displays the Computer Name of the last failed login attempt.			
2.4.9	• Number of failed Login attempts since last successful login - displays the number times the user has tried to login since the last successful login ○ Display resets to '0' once the user successfully logins	☐	☐	
2.4.10	• Account Status	☐	☐	
2.4.11	• Account Locked/Disabled/Closed by ○ If the Account Status is "Locked", display in this column the User ID of the user who locked the current account; ○ If the Account Status is "Disabled" or "Closed", display <System>; ○ If the Account Status is not one of the two above, "N/A" should be displayed.	☐	☐	

2.4.12	• Last Password Reset By – displays the User ID of the last user who reset this account's password by clicking on the "Reset Password" button. If the account's password has never been reset, "N/A" should be displayed.	☐	☐
2.4.13	• Last Password Reset Date – displays the last date and time when the use account's password was reset by a user clicking on the "Reset Password" button. Format: MM/DD/YYYY HH:MM [AM/PM]	☐	☐
2.4.14	• Number of days before password expires – displays the number of days before the account's password expires. "N/A" should be displayed if the Account Status is "Locked" or "Disabled" or "Closed".	☐	☐