

Mitigation Repository Validation Procedure and Test Scripts

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Document History

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1.0	4/20/2020	Theresa Morris	Created using Requirements document and current Trello Board
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Definitions

Term	Description
Risk Mitigation	a strategy to prepare or decrease the presence of threats faced by data center. Usually illustrated in steps for a user to follow to reduce possible negative effects on a system's data center.
Fork	A mitigation that is a clone of another mitigation, created to allow different users to add alternative solutions to a single risk.
Repository	a central table for all storage locations. It is used to implement version control and can store multiple versions of a data record. There are countless types of mitigations in cyber security so using centralized data, it ensures that all of the data is being pulled and stored in one location.
Security Control	a way to reduce or mitigate a risk to assets (ex: physical property, information data, hardware systems). These are classified by multiple criteria which is given a category (ex: directive, preventative, detective, etc.) and a type (ex: physical, administrative, or technical)
Guest	A person accessing the Mitigation Repository in a read-only mode – They are only able to search for mitigations, and create a User account.
User	A person accessing the Mitigation Repository in a limited fashion, after having logged in – They are able to create new mitigations, as well as fork mitigations off of existing ones. They also have access to the functions that Guests have.
Admin	A person accessing the Mitigation Repository who has access to all functions of the web interface. This entails editing mitigations and deleting mitigations, as well as all functions that a User has.

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Introduction

1.1 Document Purpose

This Test Script document holds the Validation Procedures and will be conducted according to the corresponding Validation Plan.

1.2 Document Organization

The remainder of this document is organized as follows:

- Section 2 – Validation Strategy
- Section 3 – Validation methods: Explaining the scope of the validation, the organization and testing of validation procedures
- Section 4 – Validation Procedures, containing the actual test scripts.

2. Validation Strategy

2.1 Testing Objectives

This protocol is written to accomplish the following objectives:

- Validate that the Mitigation Database is able to receive mitigation data, retrieve mitigation data, edit mitigations, fork a mitigation off of an existing one, and delete a mitigation.
- Validate that the Mitigation Database Web Interface enables the user, guest, or admin to create, search for, edit, delete, and fork mitigations.
- Validate that Users and Guests cannot access Admin functions.

2.2 Testing Levels

There are three levels of testing being done: the guest level, the user level and the administrator level. The guest level is a highly restricted level, allowing only searching for mitigations, viewing mitigations, and creating a user account. The user level is the standard level of access, which is able to log in to their account, create new mitigations, and fork a new mitigation off of an old one, in addition to all guest functions. The administrative level has access to all functions of the web interface, which includes all previous functionality, as well as the ability to edit and delete mitigations.

2.2.1 Guest Level

The guest level will be tested on the following functions:

- Searching for a mitigation
- Browsing recent mitigations
- Navigate to Individual Mitigation
- Creating a user account

2.2.2 User Level

The user level will be tested on the following functions:

- Login
- Check for Valid Password
- Searching for a mitigation, whether logged in or not
- Creating a new mitigation
- Forking a new mitigation from an old one
- Browsing Mitigations
- Navigating to the individual page of a mitigation

- Creating a new user account

2.2.3 Admin Level

The admin level will be tested on the following functions:

- Login
- Check for Valid Password
- Creating a new Mitigation
- Editing a Mitigation
- Deleting a Mitigation
- Forking a new mitigation from an old one
- Browsing Mitigations
- Searching for a mitigation, whether logged in or not
- Verification that when a mitigation is deleted, all of its child mitigations remain in the database
- Creating a new user account

3. Validation Methodology

3.1 General Information

The general methodology is that three different tiers of user will do the testing – one at the guest level (which can also be tested by any person prior to logging in), one at the user level, and one at the admin level. Admin has certain privileges that only they can do, and if a user is logged in as admin, those now relevant options will then appear. The site has been designed to use the same interface for all user levels as much as possible, instead reacting to the permissions of the logged in user.

3.2 Organization of Validation Procedures

Test Procedures	
Test Procedure Number	Test Cases/Scripts Included
ROMR-G01	Guest Level
ROMR-U02	User Level
ROMR-A03	Admin Level

3.3 Validation Data Files

Validation takes place with a pre-filled database of mitigation records. This facilitates testing the searching, editing, deleting, and forking functions so that the tests may be carried out in any order.

3.4 Statistical Methods for Evaluating Results

There are no statistical methods being used

3.5 Test Case/Requirements Traceability

See Traceability Matrix in Validation Plan

4. Validation Procedures

The following section contains the test cases and scripts to ensure all steps of testing are properly executed. A test case is a description of what is being tested, and a test script is a list of the detailed procedures to carry out that test case. For security purposes, usernames and passwords are not directly listed in this document, and shall be provided to the testers.

4.1 Validation Cases

4.1.1 Guest Level

4.1.1.1 Search for a Mitigation

- Searching for a mitigation in the database, from the index screen
- Clicking through a result on the search results page to go to the individual mitigation in question

4.1.1.2 Create User Account

- Creating a user account with which to access the database

4.1.2 User Level

4.1.2.1 Logon

- Logging on with invalid user id/password
- Logging on with valid user id/password
- Logging on from failed login

4.1.2.2 Creation

- Validate that creation cannot occur without login
- Create a mitigation that then appears in the database

4.1.2.3 Search

- Ability to search by title for a mitigation
- Ability to navigate to an individual mitigation's page from the search result
- Ability to filter results.

4.1.2.4 Forking

- Ability to fork from Search results page
- Ability to fork from individual mitigation page
- Forks are properly linked to their parent mitigation
- Forking is not allowed unless user is logged in

4.1.2.5 Create User Account

- Creating a new user account with which to access the database

4.1.3 Admin Level

4.1.3.1 Logon

- Logging on with invalid user id/password
- Logging on with valid user id/password
- Logging on from failed login

4.1.3.2 Creation

- Validate that creation cannot occur without login
- Create a mitigation that then appears in the database

4.1.3.3 Search

- Ability to search by title for a mitigation
- Ability to navigate to an individual mitigation's page from the search result
- Ability to filter results.

4.1.3.4 Forking

- Ability to fork from Search results page
- Ability to fork from individual mitigation page
- Forks are properly linked to their parent mitigation
- Forking is not allowed unless user is logged in

[4.1.3.5 Editing](#)

- Ability to edit a mitigation from Search results page
- Ability to edit a mitigation from individual mitigation page
- Editing is not allowed unless user is logged in as an admin

[4.1.3.6 Deleting](#)

- Ability to delete a mitigation from Search results page
- Ability to delete a mitigation from individual mitigation page
- Deleting is not allowed unless user is logged in as an admin

[4.1.3.7 Create User Account](#)

- Creating a new user account with which to access the database

4.2 Validation Scripts

See tables below.

4.2.1 Guest Level

4.2.1.1 Search for Mitigation

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
1.1	1	<Search term>	From index page, type search term into "search" box					
	2		Press Enter	Search Results page comes up with all results matching the title searched for.				
	3	<Filter words>	On search results page, type in box that says refine search	Results diminish until only the ones containing the string refine box remain				
	4	<Category>	Click on the category dropdown, to select a Security Control Category	Everything not of that category removed from result list				
	5	<Security Type>	Click on the Security Type dropdown, to select a Security control Type	Everything not of that type removed from result list				
	6		Click on a search result on the left hand side of the screen	Full text of result appears on the right hand side of the screen.				

4.2.1.2 Browse Recent Mitigations

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
1.2	1	<Search term>	From index page, click the "25 recent Mitigations" button	Search Results page comes up with the 25 most recently added mitigations				
	2	<Filter words>	On search results page, type in box that says refine search	Results diminish until only the ones containing the string refine box remain				
	3	<Category>	Click on the category dropdown, to select a Security Control Category	Everything not of that category removed from result list				
	4	<Security Type>	Click on the Security Type dropdown, to select a Security control Type	Everything not of that type removed from result list				
	5		Click on a search result on the left hand side of the screen	Full text of result appears on the right hand side of the screen.				

4.2.1.3 Navigate to Individual Mitigation Page

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
1.3	1		From a searched result, click the "link to this mitigation" link	Page navigates to an individual page containing only that mitigation				

4.2.1.4 Create User Account

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
1.4	1		From the index page, click the login link	Page redirects to the login page				
	2		On the login page, click "Create new Account"	Page redirects to the "create new account" page				
	3	<new username>	Enter username in the "new username" field					
	4	<new password>	enter desired password in the "New password" field					
	5		Click submit	Page redirects to a page indicating the success of a created account				
	6		Click login	Page redirects to the login page				
	7	<username>	Enter username in the username field					
	8	<password>	Enter password in the password field					
	9		Click submit	Page redirects to the index with the user logged in				

4.2.2 User Level

4.2.2.1 Login

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.1	1		Open browser window	Browser Window Opens.				
	2		Go to web address http://ec2-3-92-202-230.compute-1.amazonaws.com/	The index page of the Mitigation Repository appears.				
	3		Click the "Login" Link at the upper left of the window	The login page appears.				
	4		Click "Logout"	The index page of the Mitigation Repository appears.				
	5	<username>	Enter Username into the username field					
	6 (Wrong password)	<incorrect password>	Enter an incorrect password into the password field					
	7		Click "Submit".	Error appears on login page indicating incorrect username or password.				
	8	<user password>	Enter correct password	Page redirects to index page, with text at top indicating user is now logged in.				

4.2.2.2 Search

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.2	1	<Search term>	from index page, type search term into "search" box					
	2		Press Enter	Search Results page comes up with all results matching the title searched for.				
	3	<Filter words>	On search results page, type in box that says refine search	Results diminish until only the ones containing the string refine box remain				
	4	<Category>	Click on the category dropdown, to select a Security Control Category	Everything not of that category removed from result list				
	5	<Security Type>	Click on the Security Type dropdown, to select a Security control Type	Everything not of that type removed from result list				
	6		Click on a search result on the left hand side of the screen	Full text of result appears on the right hand side of the screen.				

4.2.2.3 View Recent

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.3	1	<Search term>	From index page, click the "25 recent Mitigations" button	Search Results page comes up with the 25 most recently added mitigations				
	2	<Filter words>	On search results page, type in box that says refine search	Results diminish until only the ones containing the string refine box remain				
	3	<Category>	Click on the category dropdown, to select a Security Control Category	Everything not of that category removed from result list				
	4	<Security Type>	Click on the Security Type dropdown, to select a Security control Type	Everything not of that type removed from result list				
	5		Click on a search result on the left hand side of the screen	Full text of result appears on the right hand side of the screen.				

4.2.2.4 Go to Individual Mitigation

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.4	1		From a searched result, click the "link to this mitigation" link	Page navigates to an individual page containing only that mitigation				

4.2.2.5 Create New Mitigation (Already Logged In)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.5	1		from index page, click the Create Mitigation button	Page redirects to the create new mitigation page				
	2	<Author First Name>	Enter Author First Name in the author first name field					
	3	<Author Last Name>	Enter Author Last Name in the Author Last Name field					
	4	<Mitigation Title>	Enter the Mitigation Title in the "Enter Mitigation Title" field					
	5	<Operating System>	Enter the Operating System in the "Enter Operating System" field					
	6	<Operating System Version>	Enter the Operating System Version in the "Enter Operating System Version" field					
	7	<Mitigation Description>	Enter the mitigation Description in the					

			"Enter Mitigation Description" field					
	8	<Mitigation Category>	Select the mitigation category from the Category dropdown menu					
	9	<Mitigation Type>	Select the mitigation type from the Type dropdown menu					
	10		Click the "Create Mitigation" button	Page redirects to the full mitigation page of the new, created mitigation.				

4.2.2.6 Create New Mitigation (Not Logged In)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.6	1		from index page, click the Create Mitigation button	Page redirects to the login page				
	2	<username>	Enter username into the "Username" field					
	3	<user password>	Enter password into the "Password" field					
	4		Click the "Submit" button	Page redirects to the create mitigation page, now logged in.				
	5	<Author First Name>	Enter Author First Name in the author first name field					
	6	<Author Last Name>	Enter Author Last Name in the Author Last Name field					
	7	<Mitigation Title>	Enter the Mitigation Title in the "Enter Mitigation Title" field					
	8	<Operating System>	Enter the Operating System in the "Enter Operating System" field					

	9	<Operating System Version>	Enter the Operating System Version in the "Enter Operating System Version" field					
	10	<Mitigation Description>	Enter the mitigation Description in the "Enter Mitigation Description" field					
	11	<Mitigation Category>	Select the mitigation category from the Category dropdown menu					
	12	<Mitigation Type>	Select the mitigation type from the Type dropdown menu					
	13		Click the "Create Mitigation" button	Page redirects to the full mitigation page of the new, created mitigation.				

4.2.2.7 Fork Mitigation (Logged in, from search results page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.7	1		From individual result on the right hand side of the search screen, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	2	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	3		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.2.8 Fork Mitigation (Not Logged in, From Search Results Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.8	1		from index page, click the Create Mitigation button	Page redirects to the login page				
	2	<username>	Enter username into the "Username" field					
	3	<user password>	Enter password into the "Password" field					
	4		Click Submit	Page redirects to the Fork Mitigation page				
	5		From individual result on the right hand side of the search screen, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	6	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	7		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.2.9 Fork Mitigation (Logged in, From Individual Mitigation Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.9	1		From an individual mitigation page, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	2	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	3		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.2.10 Fork Mitigation (Not Logged in, from Individual Mitigation Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.10	1		From an individual mitigation page, click the "Fork Mitigation" button	Page redirects to the login page				
	2	<username>	Enter username into the "Username" field					
	3	<user password>	Enter password into the "Password" field					
	4		Click Submit	Page redirects to the Fork Mitigation page				
	5		From an individual mitigation page, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	6	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	7		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.2.11 Create User Account

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
2.11	1		From the index page, click the login link	Page redirects to the login page				
	2		On the login page, click "Create new Account"	Page redirects to the "create new account" page				
	3	<new username>	Enter username in the "new username" field					
	4	<new password>	enter desired password in the "New password" field					
	5		Click submit	Page redirects to a page indicating the success of a created account				
	6		Click login	Page redirects to the login page				
	7	<username>	Enter username in the username field					
	8	<password>	Enter password in the password field					
	9		Click submit	Page redirects to the index with the user logged in				

4.2.3 Admin Level

4.2.3.1 Login

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.1	1		Open browser window	Browser Window Opens.				
			Go to web address http://ec2-3-92-202-230.compute-1.amazonaws.com/	The index page of the Mitigation Repository appears.				
			Click the "Login" Link at the upper left of the window	The login page appears.				
			Click "Logout"	The index page of the Mitigation Repository appears.				
	Login as Admin	<admin username>	Enter username					
	incorrect password	<incorrect password>	Enter an incorrect password					
			Click "Submit".	Error appears on login page indicating incorrect username or password.				
	Correct Password	<admin password>	Enter correct password	Page redirects to index page, with text at top indicating user is now logged in.				

4.2.3.2 Search

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.2	1	<Search term>	from index page, type search term into "search" box					
	2		Press Enter	Search Results page comes up with all results matching the title searched for.				
	3	<Filter words>	On search results page, type in box that says refine search	Results diminish until only the ones containing the string refine box remain				
	4	<Category>	Click on the category dropdown, to select a Security Control Category	Everything not of that category removed from result list				
	5	<Security Type>	Click on the Security Type dropdown, to select a Security control Type	Everything not of that type removed from result list				
	6		Click on a search result on the left hand side of the screen	Full text of result appears on the right hand side of the screen.				

4.2.3.3 View Recent

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.3	1	<Search term>	from index page, click the "25 recent Mitigations" button	Search Results page comes up with the 25 most recently added mitigations				
	2	<Filter words>	On search results page, type in box that says refine search	Results diminish until only the ones containing the string refine box remain				
	3	<Category>	Click on the category dropdown, to select a Security Control Category	Everything not of that category removed from result list				
	4	<Security Type>	Click on the Security Type dropdown, to select a Security control Type	Everything not of that type removed from result list				
	5		Click on a search result on the left hand side of the screen	Full text of result appears on the right hand side of the screen.				

4.2.3.4 Go to Individual Mitigation

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.4	1		From a searched result, click the "link to this mitigation" link	Page navigates to an individual page containing only that mitigation				

4.2.3.5 Create New Mitigation (Already Logged In)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.5	1		from index page, click the Create Mitigation button	Page redirects to the create new mitigation page				
	2	<Author First Name>	Enter Author First Name in the author first name field					
	3	<Author Last Name>	Enter Author Last Name in the Author Last Name field					
	4	<Mitigation Title>	Enter the Mitigation Title in the "Enter Mitigation Title" field					
	5	<Operating System>	Enter the Operating System in the "Enter Operating System" field					
	6	<Operating System Version>	Enter the Operating System Version in the "Enter Operating System Version" field					
	7	<Mitigation Description>	Enter the mitigation Description in the "Enter Mitigation Description" field					
	8	<Mitigation Category>	Select the mitigation category from the Category dropdown menu					
	9	<Mitigation Type>	Select the mitigation type from the Type dropdown menu					

	10		Click the "Create Mitigation" button	Page redirects to the full mitigation page of the new, created mitigation.				
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4.2.3.6 Create New Mitigation (Not logged in)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.6	1		from index page, click the Create Mitigation button	Page redirects to the login page				
	2	<admin username>	Enter username into the "Username" field					
	3	<admin password>	Enter password into the "Password" field					
	4		Click the "Submit" button	Page redirects to the create mitigation page, now logged in.				
	5	<Author First Name>	Enter Author First Name in the author first name field					
	6	<Author Last Name>	Enter Author Last Name in the Author Last Name field					
	7	<Mitigation Title>	Enter the Mitigation Title in the "Enter Mitigation Title" field					
	8	<Operating System>	Enter the Operating System in the "Enter Operating System" field					
	9	<Operating System Version>	Enter the Operating System Version in the "Enter Operating System Version" field					
	10	<Mitigation Description>	Enter the mitigation Description in the "Enter Mitigation Description" field					

	11	<Mitigation Category>	Select the mitigation category from the Category dropdown menu					
	12	<Mitigation Type>	Select the mitigation type from the Type dropdown menu					
	13		Click the "Create Mitigation" button	Page redirects to the full mitigation page of the new, created mitigation.				

4.2.3.7 Fork Mitigation (Logged in, from Search Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.7	1		From individual result on the right hand side of the search screen, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	2	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	3		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.3.8 Fork Mitigation (Not Logged in, from Search Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.8	1		from index page, click the Create Mitigation button	Page redirects to the login page				
	2	<admin username>	Enter username into the "Username" field					
	3	<admin password>	Enter password into the "Password" field					
	4		Click Submit	Page redirects to the Fork Mitigation page				
	5		From individual result on the right hand side of the search screen, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	6	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	7		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.3.9 Fork Mitigation (Logged in, from Individual Mitigation)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.9	1		From an individual mitigation page, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	2	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	3		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.3.10 Fork Mitigation (Not Logged in, from Individual Mitigation)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.10	1		From an individual mitigation page, click the "Fork Mitigation" button	Page redirects to the login page				
	2	<admin username>	Enter username into the "Username" field					
	3	<admin password>	Enter password into the "Password" field					
	4		Click Submit	Page redirects to the Fork Mitigation page				
	5		From an individual mitigation page, click the "Fork Mitigation" button	Page changes to the "Fork Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	6	<Forked Mitigation Data>	On the fork mitigation page, enter in the data that differentiates the new forked mitigation from the previous mitigation.					
	7		Click the "Fork Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for new entry as a new entry is created in the database.				

4.2.3.11 Edit Mitigation (Logged in, from search page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.11	1		From individual result on the right hand side of the search screen, click the "Edit Mitigation" button	Page changes to the "Edit Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	2	<Edited Mitigation Data>	On the edit mitigation page, edit the data you wish to change .					
	3		Click the "Edit Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for edited entry				

4.2.3.12 Edit Mitigation (Logged in, from Individual page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.12	1		From an individual mitigation page, click the "Edit Mitigation" button	Page changes to the "Edit Mitigation" page, with the data already in the mitigation pre-populating in the data fields.				
	5	<Edited Mitigation Data>	On the edit mitigation page, edit the data you wish to change .					
	6		Click the "Edit Mitigation" button on the bottom of the page	Page redirects to individual mitigation page for edited entry				

4.2.3.13 Delete Mitigation (Logged in, from Search Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.13	1		From individual result on the right hand side of the search screen, click the "Delete Mitigation" button	Page changes to the delete mitigation page, which shows the mitigation that is looking to be deleted				
	2 (Click no)		On the Delete Mitigation page, click the button which reads "No"	Page returns to the search mitigation page				
	3		From individual result on the right hand side of the search screen, click the "Delete Mitigation" button	Page changes to the delete mitigation page, which shows the mitigation that is looking to be deleted				
	4 (Click yes)		On the Delete Mitigation page, click the button which reads "Yes"	Page stating "Mitigation: <title> has been deleted appears.				

4.2.3.14 Delete Mitigation (Logged in, from Individual Page)

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.14	1		From individual Mitigation page, click the "Delete Mitigation" button	Page changes to the delete mitigation page, which shows the mitigation that is looking to be deleted				
	2 (Click no)		On the Delete Mitigation page, click the button which reads "No"	Page returns to the search mitigation page				
	3		From individual result on the right hand side of the search screen, click the "Delete Mitigation" button	Page changes to the delete mitigation page, which shows the mitigation that is looking to be deleted				
	4 (Click yes)		On the Delete Mitigation page, click the button which reads "Yes"	Page stating "Mitigation: <title> has been deleted appears.				

4.2.3.15 Create User Account

Test #	Step	Input	Description	Expected Result	Actual Result	Pass/Fail	Initials	Date
3.15	1		From the index page, click the login link	Page redirects to the login page				
	2		On the login page, click "Create new Account"	Page redirects to the "create new account" page				
	3	<new username>	Enter username in the "new username" field					
	4	<new password>	enter desired password in the "New password" field					
	5		Click submit	Page redirects to a page indicating the success of a created account				
	6		Click login	Page redirects to the login page				
	7	<username>	Enter username in the username field					
	8	<password>	Enter password in the password field					
	9		Click submit	Page redirects to the index with the user logged in				