

Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

Scenario Description:

Add Forms from UI

Version Control

Version #	Date	Author	Description
1.0	03/06/2014	MR	Initial Draft

Test Scripts:

The following scripts, links and pages consist of adding and validating Forms from Test Authoring UI

Test Components:

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- 1.0 Manage Assessments

Requirements Traceability:

RADTIB 18, RADTIB 26, , RADTIB 33, RADTIB 35, RADTIB 36, RADTIB 36.1, RADTIB 36.2, RADTIB 36.3, RADTIB 36.4, RADTIB 38.12, RADTIB 32, RADTIB 33, RADTIB 34, RADTIB 34.1

Testing Requirements:

- Elements originating internally to Test Authoring such as tests, segments or forms will use a unique identifier assigned by the Test Authoring application.
- The Test Authoring application permits authorized users to create and manage Test Form entities.
- The Test Authoring application permits authorized users to create and manage Form Partition entities.
- If a standard is made inactive, a message must be displayed that indicates that the standard is inactive.
- A test form is required if any test segment has an item selection algorithm choice of fixedform
- A form partition is required for every test segment with an item selection algorithm choice of fixedform
- This screen allows the creation of form partitions that belong to a form. Filters are provided to narrow the number of forms under which to create a partition.
- Edit Form Partitions allows the user to use the search screen to search the existing item pool for items to place on the form. Items can be sequenced and deleted as well.
- This screen allows the assignment of test form partitions to test segments.
- This screen allows the creation of test forms. Forms are simple container elements

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- that contain form partitions
- The Test Authoring application permits authorized users to create and manage Segment Form entities.
- The Test Authoring application permits authorized users to create and manage Form Partition entities.
- The Test Authoring application permits authorized users to create and manage Item Group entities.
- items to be associated with item groups

Script #:1.1 Add Forms

Purpose:

Add and validate Forms

Assumptions:

- Test Spec Bank, ProgMan, Permission, Test Item Bank, Core Standard systems are up and running

Prerequisites:

- Test Author application is online and user has valid credentials to login
- At least one assessment is available, which has not been published or submitted for publishing
- At least 1 segment is available, which has been created using fixed form Item Selection Algorithm
- At least 1 segment is available, which has been created using adaptive form Item Selection Algorithm

Test case Steps

Step #	Test Action	Expected Results	Pass/Fail
System Login			
L1	Open a supported browser and access link http://drcamp-dev.opentestsystem.org:8080/	SSO login page displays	
L2	Enter valid user ID and password	TEST AUTHOR Dashboard page displays	
Verification			
V1.0	Verify that Test, Test Segments, Blueprint, Item Pools, Enemy List and Forms images are enable in test-creation workflow page and rest of the images are disable	Test, Test Segments, Blueprint, Item Pools, Enemy List and Forms images are enable in test-creation workflow page and rest of the images are disable	

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Step #	Test Action	Expected Results	Pass/Fail
V1.1	Verify that all images in post test-creation workflow page are disable	All images in post test-creation workflow page are disable	
Forms			
F1.0	Click Forms linked image from test-creation workflow page	Forms search page displays	
F1.1	Verify that following elements are present in Forms search page: <ol style="list-style-type: none"> 1. Forms, Form Partitions, Items, Item Groups and Sort links 2. Form Name search textbox 3. Search and New buttons 4. Total Results Found 	Elements are present	
F1.2	Click New	Add New Form page display	
F1.3	Verify that following elements are available: <ol style="list-style-type: none"> 1. Form Name Textbox 2. Language list box 3. Save and Back buttons 	Elements are present	
F1.4	Verify that Language list box displays English as default language	English is default language	
F1.5	Click Save	Following error message display: Please fix errors in order to save information: Name is required.	
Monitoring and Alerting (MnA)			
M1.0	Go to http://web-dev.opentestsystem.org:8080/permissions/roles.xhtml	MnA Dashboard displays	
M1.1	Click Search Log	MnA Log Search page displays	
M1.2	Select Component = test_auth Click Search	Search results display the same error message	

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Step #	Test Action	Expected Results	Pass/Fail
Test Author			
F1.6	Enter form name Select language (if not English) from language list box Click Save	Form is saved Form view page displays	
F1.7	Click Forms link from left navigation pane	Forms search page displays Newly added form is displayed in Search Results grid	
Database			
D1.0	Logon to Mongo database collection Execute query to verify that new form has been added	New form has been added	
Test Author - Form Partitions			
F2.0	Click Form Partitions link	Form Partitions search page displays	
F2.1	Verify that following elements are present in Forms Partitions search page: <ol style="list-style-type: none"> Form Partition Name textbox Form and Segment list boxes Search and New buttons Search results grid Total Results Found 	Elements are present	
F2.2	Verify that Segment list displays only Fixed Form Segments	Segment list displays only Fixed Form Segments	
F2.3	Click New	Add New Form Partition page display	
F2.4	Verify that following elements are available: <ol style="list-style-type: none"> Form Partition Name Textbox Form and Segment list boxes 	Elements are present	

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Step #	Test Action	Expected Results	Pass/Fail
	6. Save and Back buttons		
F2.5	Click Save	Following error message display: Please fix errors in order to save information: Form ID is required. Name is required. Segment ID is required.	
Monitoring and Alerting (MnA)			
M2.0	Go to http://web-dev.opentestsystem.org:8080/permissions/roles.xhtml	MnA Dashboard displays	
M2.1	Click Search Log	MnA Log Search page displays	
M2.2	Select Component = test_auth Click Search	Search results display the same error message	
Test Author - Form Partitions			
F2.6	Enter Form Partition Name Select Form and Segment from list boxes Click Save	Form Partition is saved Form Partition view page displays	
F2.7	Click Back	Form Partition search results grid displays newly created Form Partition	
F2.8	Try adding new Form Partition using the same Form and Segment that were used to create Form Partition	Following error message display: Please fix errors in order to save information: Error Code: <Code #> - Form Partition already exists in this form for segment ID: <Segment ID>	
Database			
D2.0	Logon to Mongo database collection Execute query to verify that new form partition has been added	New form partition has been added	
Test Author - Item Groups			

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Step #	Test Action	Expected Results	Pass/Fail
F3.0	Click Item Groups link	Item Group search page displays	
F3.1	Items can be searched using either <ol style="list-style-type: none"> 1. Form Partition name 2. Item Group full or partial name or 3. Both Form Partition name and Item Group name 	Item Group search is done	
F3.2	Searching without any filters should display all Item Groups associated with the assessment	Displays all Item Groups associated with the assessment	
F3.3	Click New	New Item Group add page displays	
F3.4	Verify that Item Group cannot be added using a Segment that is created with adaptive Form	Form Partition list box in Add Item Group page does not have any Form Partition that can be created using Adaptive Segment	
F3.5	Create new Item Group using fixed for form partition	Item Group created	
Database			
D3.0	Logon to Mongo database collection Execute query to verify that new Item Group has been added	New Item Group has been added	
Test Author - Items (View Item Details)			
F4.0	Click Items link	Items search page displays with all the items in a particular partition (If items are imported)	
F4.1	Verify that Items are linked with Blueprints and Core Standard	Items are linked with Blueprints and Core Standard	
F4.2	Items should be searchable using any of the following search filters, combination of filters or all: <ol style="list-style-type: none"> 1. Form Partition 2. Standard Key 3. Group (Item Group) 4. Item Identifier 5. Item Type 	Search can be performed as mentioned in Test Action	

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Step #	Test Action	Expected Results	Pass/Fail
	6. Grade		
F4.3	Validate that searching for items without using any search filters displays all items that were imported in form partition	Search results display all items of the form partition	
F4.4	Verify that Form Partition list box contains the list of all available partitions in alphabetic order	Form Partition names are in alphabetic order	
F4.5	If items are not imported to Form Partition: <ol style="list-style-type: none"> 1. Click TIP search from widget 2. Add/Delete search filters or accept the default 3. Click Search 4. Click Import (if search result is a non-zero number) 5. Select Form Partition and group 6. Click Import 	Items are imported to the selected partition and group Search results grid displays imported items	
Database			
D4.0	Logon to Mongo database collection Execute query to verify that Items have been imported to selected partition and group	Items have been imported to selected partition and group	
Test Author - Items (View Item Attributes)			
F5.0	Click View Item Attributes link	View Item Attributes search results grid displays	
F5.1	Click Edit Items from widget	search results grid changes to edit mode	
F5.2	Verify that following column values can be edited: <ol style="list-style-type: none"> 1. Admin Required 2. Response Required 3. Active 4. Field Test Item 5. Block Id 	Columns can be edited	
F5.3	Update any or all of the column	Item attributes have been updated	

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Step #	Test Action	Expected Results	Pass/Fail
	values Click Save		
Database			
D5.0	Logon to Mongo database collection Execute query to verify that Item attributes have been updated	that Item attributes have been updated	
Test Author - Sort			
F6.0	Click Sort link	Sort page displays	
F6.1	Select a form partition from Form Partition list box	Items in that form partition display	
F6.2	Select Item and drag and drop to desired position	System allows to drag and drop item	
F6.3	Click <Save Sort>	Sorting is saved Item position is changed	

Test Execution

Date/Time	Tester	Test ID	Test Phase	Status
12/09/2013	RM, SM, SK, MR	UI	1	Pass