

Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

Scenario Description:

Add Scoring 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 Scoring 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 7.0, RADTIB 7.1, RADTIB 7.2, RADTIB 7.3, RADTIB 7.4, RADTIB 28, RADTIB 30, RADTIB 30.1, RADTIB 36.5, RADTIB 38.15

Testing Requirements:

- Create Scoring rules in Test Authoring that are composed of a sequential set of computation rules.
- The Test Authoring application permits authorized users to create and manage Scoring Rules entities.
- The Test Authoring application will maintain the workflow state (Not Submitted, Validated, Submitted, Approved and Published) for the following: Registration, Administration, Scoring, and Reporting.
- The Test Authoring application will provide the means to perform the necessary validations upon user demand that will check whether a test is ready for promotion to the Registration, Administration, Scoring and Reporting states, and provides appropriate error messages and detailed information so the user can perform necessary corrections.
- This screen allows the user to build scoring rules by selecting computation rules and entering the parameters of the computation rule. The computation rules are configured into the Test Authoring system and the user interface presents the configured parameters dynamically.
- This screen allows the user to create reporting measures, which are a collection of references to existing computation rules from Scoring Rules. The user adds computation rules to a reporting measure until they are satisfied.

Smarter Balanced RFP # 11/Test Authoring

Test Authoring User Interface

Script #:1.1 Add Scoring

Purpose:

Add and validate Scoring

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 one Scoring Function is available

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 all the images are enable in test-creation workflow page except Performance Levels and Reporting	All the images are enable in test-creation workflow page except Performance Levels and Reporting	
V1.1	Verify that all images in post test-creation workflow page are disable	All images in post test-creation workflow page are disable	
Scoring			
S1.0.0	Click Scoring image from test-creation workflow page	Test Scoring search page displays	
S1.1.0	Click New	Add Scoring Rule page display	
S1.2.0	Click Save	Following error message display:	

Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

Step #	Test Action	Expected Results	Pass/Fail
		Reference Type is required. Label is required. Parameter Data cannot be empty. Scoring Function ID is required.	
S1.3.0	Enter Label Select Scoring Function from the list box that has no Conversion Table	Only parameter section displays	
S1.3.1.0	Enter parameter keys and values Select Reference Type = TEST Click Save	Scoring Function is Saved	
S1.3.2.0	Enter parameter value Select Reference Type = Segment	Reference Name list uncovers	
S1.3.2.1	Select Segment from Reference Name list Click Save	Scoring Function is Saved	
S1.3.3.0	Enter parameter value Select Reference Type = SOCK	Reference Name list uncovers	
S1.3.3.1	Select SOCK from Reference Name list Click Save	Scoring Function is Saved	
S1.3.4.0	Enter parameter value Select Reference Type = STANDARD	Reference Name list uncovers	
S1.3.4.1	Select STANDARD name from Reference Name list Click Save	Scoring Function is Saved View Scoring Rule page displays	
Scoring Function Validation			
SFV1.0	Click Smarter Balanced Logo Click Setup Scoring Function	Scoring Function Search page displays	
SFV1.1	Verify that the Scoring Function is view only that was used to add	Scoring Function is view only	

Smarter Balanced RFP # 11/Test Authoring

Test Authoring User Interface

Step #	Test Action	Expected Results	Pass/Fail
	Scoring Rule		
Scoring Rule			
S1.4.0	Select Scoring Function from the list box where Conversion Table = VALUE	Uncovers parameter section and <Add Value Conversion Table> button	
S1.4.1	Enter parameter keys and values Click <Add Value Conversion Table> Select file to upload	<Upload> button uncovers	
S1.4.2	Click Upload	<p>File uploaded</p> <p><i>(Note: File upload will not work if file format is not correct. See below for correct file format:</i></p> <p><i>File Type: .csv</i></p> <p><i>2 columns only</i></p> <p><i>Heading row required</i></p> <p><i>Heading column names need to be 'INVALIDES' & 'OUTVALUES'</i></p> <p><i>In-values must be non-blank & integer</i></p> <p><i>No duplicate keys</i></p> <p><i>Out-values must be non-blank</i></p> <p><i>If both value conversion table & standard-error conversion table are required, they must have the same # of rows/elements</i></p> <p>Following error message displays if file type and/or format are not correct:</p> <p>Reference Type is required.</p> <p>Error Code: <Code #> - Conversion Table File of type value, filename cm.csv is not a comma-separated value formatted file.)</p>	
S1.4.3	Select rest of the required values Click Save	Scoring Function is Saved View Scoring Rule page displays	
S1.4.4	Click on csv file link Select Open with Microsoft Excel Click OK	csv file opens in Excel	
S1.5.0	Select Scoring Function from the list box where Conversion Table = VALUE_STANDARD_ERROR	Uncovers parameter section, <Add Value Conversion Table> and <Add Standard Error Conversion Table> buttons	
S1.5.1	Enter parameter keys and values Click <Add Value Conversion	<Upload> button uncovers	

Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

Step #	Test Action	Expected Results	Pass/Fail
	Table> Select file to upload Click <Add Standard Error Conversion Table> Select file to upload		
S1.5.2	Click Upload	Files are uploaded <i>(Note: File upload will not work if file format is not correct. See below for correct file format:</i> <i>File Type: .csv 2 columns only Heading row required Heading column names need to be 'INVALIDES' & 'OUTVALUES' In-values must be non-blank & integer No duplicate keys Out-values must be non-blank If both value conversion table & standard-error conversion table are required, they must have the same # of rows/elements</i> Following error message displays if file type and/or format are not correct: <i>Reference Type is required.</i> <i>Error Code: <Code #> - Conversion Table File of type value, filename cm.csv is not a comma-separated value formatted file.)</i>	
S1.5.3	Select rest of the required values Click Save	Scoring Function is Saved View Scoring Rule page displays	
S1.5.4	Click on csv file links Select Open with Microsoft Excel Click OK	csv files open in Excel	
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 messages that were displayed on Test Author application	
Database			

Smarter Balanced RFP # 11/Test Authoring

Test Authoring User Interface

Step #	Test Action	Expected Results	Pass/Fail
D1.0	Logon to Mongo database collection Execute query to verify that new Scoring Rules have been added	New Scoring Rules have been added	

Test Execution

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