Scenario Description:

Add Scoring Functions 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 Functions 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 Scoring Functions**

Requirements Traceability:

RADTIB 23, RADTIB 23.1, RADTIB 23.2, RADTIB 23.3

Testing Requirements:

- **Scoring functions shall be configurable in Test Authoring so that new scoring functions and their parameters can be added at any time.**

- **Configured versions of scoring functions shall have a major.minor version number.**

- **The Scoring Rules user interface shall present configured scoring functions for selection by the Test Author, and shall provide a dynamic user interface for entering configuration parameters specific to the selected function.**

- **Test Authoring shall provide a setup function that analyzes the external inputs for configuration of scoring functions and provide users with appropriate error messages if something is wrong with the external configuration.**

Script #:1.1 Scoring Functions

Purpose:

Add and validate Scoring Functions

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

Test case Steps

Step #	Test Action	Expected Results	Pass/ Fail
Login			
L1.0	Open a supported browser and access link http://drcamp-dev.opentestsystem.org:8080/	SSO login page displays	
L1.1	Enter valid user ID and password	TEST AUTHOR Dashboard page displays	
Scoring Functions			
SF1.0	Click Computation Rules from Settings wheel	Scoring Functions Search page displays with list of scoring functions in the search results grid	
SF1.1	Verify that following objects are present in Scoring Functions search page: 1. Name textbox 2. Search and New button 3. Search Results grid with following columns: Name Version Number of Parameters Conversion Table Description Action 4. Total results found	Objects are present	
SF1.2	Verify that clicking on Name column from search results grid sorts items in ascending or descending order	Clicking on Name column from search results grid sorts items in ascending or descending order	
SF1.3	Click New button	Add Scoring Functions page displays	
SF1.4	Verify that following objects are present in Scoring Functions search page:	Objects are present	

Step #	Test Action	Expected Results	Pass/ Fail
	1. Name, Version and Description textbox 2. Conversion Table list 3. Save and Back button 4. Add parameter bar		
SF1.5	Click Save	Following error message displays: Please fix errors in order to save information: Conversion Table choice is required. Scoring Function Name is required. At least one Scoring Function Parameter is required. Version 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	
Scoring Functions			
SF2.0	Enter Name, Version and Description of scoring function Select conversion Table from the list Click Save	Following error message displays: At least one Scoring Function Parameter is required.	
SF2.1	Click on Parameter Add icon from Add Parameter bar	New parameter row added	
SF2.2	Click Save	Following error message displays: Please fix errors in order to save information: Multiplicity is required. Computation Rule Type is required. Parameter Name is required..	

Step #	Test Action	Expected Results	Pass/ Fail
SF2.3	Enter Parameter Name Select Parameter Type = STRING Multiplicity = SCALAR Click Save	Following error message displays: Please fix errors in order to save information: Default Value is required when parameter is of Type: STRING	
SF2.4	Select Parameter Type = INTEGER Click Save	Following error message displays: Please fix errors in order to save information: Default Value is required when parameter is of Type: INTEGER Maximum Value is required when parameter is of Type: INTEGER Minimum Value is required when parameter is of Type: INTEGER	
SF2.5	Select Parameter Type = FLOAT Click Save	Following error message displays: Please fix errors in order to save information: Default Value is required when parameter is of Type: FLOAT Maximum Value is required when parameter is of Type: FLOAT Minimum Value is required when parameter is of Type: FLOAT	
SF2.6	Add default, maximum and minimum values Select Multiplicity = DICTIONARY Click Save	Following error message displays: Please fix errors in order to save information: Dictionary Index Type is required.	
SF2.7	Select STRING or INTEGER from Dictionary Index Type list box Click Save	System saves Scoring Functions and View Scoring Function page displays	
SF2.8	Verify that View Scoring Function page displays all entered/selected data	System displays all entered/selected data correctly	
SF2.9	Click Back	Scoring Function Search page displays with the newly added Scoring	

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

Test Execution

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