

# Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

## Scenario Description:

Update Item Pools 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 updating Item Pools and validating Assessment 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 25, RADTIB 38.10, RADTIB 38.11, RADTIB 39, RADTIB 39.1, RADTIB 39.2, RADTIB 40, RADTIB 31*

## Testing Requirements:

- The Test Authoring application permits authorized users to create and manage Item Pool entities.
- This screen is organized by the same standards that are selected for the blueprint.
  - Blueprint information is shown in a read-only manner
  - Total operational and field test items in the pool
  - Switch between Standards and SOCKs view
  - View total number of operational and field test items
  - Switch between a master test item pool or a segment item pool
  - Summary of item searches are shown as item operational and field test item counts (counts roll up hierarchically)
  - Item summary counts for operational and field test and for test and segment (when viewing segment pool)
  - Edit links take you to an Edit Item Pools screen to the means to view items individually (all items, or items for a particular content standard and their children if any)
  - Search links allow the user to search (or search again) for items for all standards or for a particular content standard and their children if any)
  - Searches are conducted for both operational and field test items

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- This screen shows individual items (not just item summaries) organized by the same standards selected for the blueprint
  - Toggle between viewing items and passages
  - Filter items by an individual content standard (and its children) or see items for all standards
  - Display of total number of items in pool, filter and segment (if editing a segment pool)
  - Switch between master test pool and segment pools
  - Delete individual items from the master pool
  - See more details about an item
- The selection of active standards on a test blueprint is a prerequisite for selection of an item pool because the item pool screen searches items according to their alignment with active standards.
- User should have the option to do the following:
  - Repeat more limited searches on individual standards in the pool
  - Prune the item pool by removing items from the pool or making them inactive in the pool
  - Create Item Pools (Segment Pool)
- The Test Authoring application permits authorized users to create and manage Segment Pool entities.

### Script #:1.1 Update Item Pools

#### Purpose:

Update and validate Item Pools

#### 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 to generate blueprint
- At least one segment is available
- Items are imported in Item pool
- At least in Item group is available

#### Test case Steps

Step #	Test Action	Expected Results	Pass/Fail
Login			
L1.0	Open a supported browser and access link <a href="http://drcamp-dev.opentestsystem.org:8080/">http://drcamp-dev.opentestsystem.org:8080/</a>	SSO login page displays	

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Step #	Test Action	Expected Results	Pass/Fail
L1.1	Enter valid user ID and password	TEST AUTHOR Dashboard page displays	
<b>Item Pools</b>			
IP1.0	Click Item Pools image from test-creation workflow page	Item Pools search page displays	
IP1.1	Click Item Group link	Item Group Search page displays	
IP1.2	Click on Edit icon from any Item Group	Item Group view page displays	
IP1.3	Click Edit	Item Group edit page displays	
IP1.4	Update any existing values Click Cancel	Item Group view page displays No changes are saved	
IP1.5	Update any existing values Click Save	Item Group view page displays Changes are saved	
IP1.6	Click Back	Item Group Search page displays Changes are displayed in search results grid	
IP1.7	Click TIB Search from widget Change default grade(s) to different grade(s) Click Search Click import (assuming that search results is a non-zero positive number) Select Segment and Item Group where items will be imported Click Import	Import confirmation message display	
IP1.8	Click Close	"Add items from test item bank" box closes	
IP1.9	From Item Pool Search screen Select segment and group where items were imported Click Search	Search results grid displays Items were added in addition to any existing items	

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Step #	Test Action	Expected Results	Pass/Fail
<b>Database</b>			
D1.0	Logon to Mongo database collection Execute query to verify that all items have been added to selected Item Group	All items have been added to selected Item Group	
<b>Item Pools</b>			
IP2.0	Click Blueprint link from left navigation menu	Test Blueprints search page displays after synchronizing blueprint with core standards	
IP2.1	Select Segment from Blueprint list box Click Search	Segment elements are displayed in search results grid	
IP2.2	Click Edit Blueprint Elements from widget Add numeric values in OP Min, OP Max, FT Min and FT Max in any elements Click Save from widget	Element is updated	
IP2.3	Click widget wheel Select Action = Copy values from segment Select segment from "From" list box Select Master from "To" list box Click Save	Segment copy is done Displays confirmation popup with following message:  Successfully copied blueprint from: <Segment Name> to: <Segment Name>  <OK>	
IP2.4	Click OK	Popup message box closes	
IP2.5	Click Item Pools link from left navigation pane	Item Pools search page displays	
IP2.6	Click Standard Search from widget	Standard Search box displays the standard key that was updated in blueprint	
IP2.7	Click close Click Missing Items from widget	Missing Items box displays the standard key that was updated in blueprint	

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Step #	Test Action	Expected Results	Pass/Fail
IP2.8	Click Move Items icon from widget	Move/Delete Items box opens	
IP2.9	Verify that following objects are present <ol style="list-style-type: none"> <li>1. Move and Delete radio button</li> <li>2. Selected Items, Segment, Item Group labels</li> <li>3. Target Segment and Target Item Group list boxes</li> <li>4. Move It and Cancel buttons</li> </ol>	Objects are present	
IP2.10	Verify the following defaults values: <ol style="list-style-type: none"> <li>1. Target Segment = Segment that has position value equals 1</li> <li>2. Target Item Group = &lt;First group Name sorted by alpha ascending&gt;</li> </ol>	Default values are verified	
IP2.11	Select Target Segment from list box Select Target Item Group from list box Selects items from Location column of search results grid Click Move it	Items are moved to the selected group	
IP2.12	From Item Pool search page select Segment = <The segment where items were moved> Group = <The group where items were moved> Click Search	Search results display the list of moved items	
IP2.13	Click Move/Delete Items from widget Select following values: <ol style="list-style-type: none"> <li>1. Target Segment = Current segment</li> <li>2. Target Item Group = Current group</li> </ol> Select items from Location column of search results grid Click Move it	Following message displays:  <b>0 successful items, &lt;# of items selected from Location column of search results grid &gt; items omitted.</b>	
<b>Database</b>			

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Step #	Test Action	Expected Results	Pass/Fail
D2.0	Logon to Mongo database collection Execute query to verify that all selected items are moved to new item group	All selected items are moved to new item group	

### *Test Execution*

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