

# Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

## Scenario Description:

Add Segment 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 Segments 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 24.1, RADTIB38.8, RADTIB33*

## Testing Requirements:

- The Test Authoring application permits authorized users to create and manage Test Segment entities.
- Show all test segments in a grid
- Provide dropdowns to filter test segments by publisher, subject, grade and test
- The test dropdown is itself filtered by publisher, subject and grade
- Provide a link for users to select a test segment to edit
- Provide a means for users to delete segment a test
- Provide the means for users to create a new test
- Test Authoring requires a considerable number of consistency checks and validations to ensure that all test specification elements are complete within themselves and consistent across each other. This section captures these validations in the form of additional requirements

Script #:1.1 Add Segment

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## Test Authoring User Interface

### Purpose:

Add and validate Segment

### 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

### Test case Steps

Step #	Test Action	Expected Results	Pass/Fail
<b>System Login</b>			
L1	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	
L2	Enter valid user ID and password	TEST AUTHOR Dashboard page displays	
<b>Verification</b>			
V1.0	Verify that only Test and Test Segments images are enable in test-creation workflow page and rest of the images are disable	Only Test and Test Segments images are enable in test-creation workflow page and rest of the images are disable	
V1.1	Verify that all images in post test-creation workflow page are disable	All images in post test-creation workflow page are disable	
<b>Test Segments</b>			
S1.0	Click Test Segments image from test-creation workflow page	Test Segments search page displays	
S1.1	Verify that following elements are present in Test Segments search page: 1. Segment Position and Segment Label textboxes	Elements are present	

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Step #	Test Action	Expected Results	Pass/Fail
	2. Search and New buttons 3. Total Results Found		
S2.0	Click New	Add New Segment page display	
S2.1	Verify that following textboxes are available: 1. Label 2. Min OP Items 3. Max OP Items 4. Min Items 5. Max Items	Textboxes are present	
S2.2	Verify that Item Selection list box is present	Item Selection list box is present	
S2.3	Verify that Position field is system generated number and is not editable	Position field is system generated number and is not editable	
S2.4	Click Save	Following error message display: Segment Item Selection Algorithm is required. Segment label is required. Segment FT Max Items value is required and must be a value of 0 or higher. Segment OP Max Items value is required and must be a value of 0 or higher. Segment FT Min Items value is required and must be a value of 0 or higher. Segment OP Min Items value is required and must be a value of 0 or higher.	
<b>Monitoring and Alerting (MnA)</b>			
M1.0	Go to <a href="http://web-dev.opentestsystem.org:8080/permissions/roles.xhtml">http://web-dev.opentestsystem.org:8080/permissions/roles.xhtml</a>	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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## Test Authoring User Interface

Step #	Test Action	Expected Results	Pass/Fail
<b>Test Author</b>			
S2.5	Enter label name Select Item from Item Selection list Enter non-numeric values in Min and Max Items fields	Following error message display: <b>Please fix errors in order to save information:</b> <b>Minimum OP Items must be numeric</b> <b>Maximum OP Items must be numeric</b> <b>Minimum Items must be numeric</b> <b>Maximum Items must be numeric</b>	
S2.6	Enter Min OP Items number greater than Max OP Items Click Save	Following error message display: <b>Error Code: &lt;Code #&gt; - Segment OP Min Items value &lt;#&gt; cannot be more than &lt;#&gt; Max Items value OP.</b>	
S2.7	Enter Min Items number greater than Max Items Click Save	Following error message display: <b>Error Code: &lt;Code #&gt; - Segment FT Min Items value &lt;#&gt; cannot be more than &lt;#&gt; Max Items value FT.</b>	
S2.8	Enter numeric values in Min and Max Items fields Click Save	Segment is saved Segment View page displays	
<b>Database</b>			
D1.0	Logon to Mongo database collection Execute query to verify that new segment has been added	New segment has been added	
<b>Test Author</b>			
S3.0	Click Test Segments link from left navigation pane	Test Segments search page displays Newly added segment is displayed in Search Results grid	
S3.1	Add another segment	Segment is created	
S3.2	Click Test Segments link from left navigation pane	Test Segments search page displays all segments in search results grid	
S3.3	Verify that segment reposition up and down arrow buttons appear in	Segment reposition up and down arrow buttons appear in the activity column	

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Step #	Test Action	Expected Results	Pass/Fail
	the activity column		
S3.4	Click Up or Down arrow to reposition segments	System repositions segments	
<b>Delete Item Selection Algorithm that is linked with Segment</b>			
S4.0	Click Smarter Balanced logo to go to Test Author dashboard	Test Author Dashboard displays	
S4.1	Click Item Selection Algorithm	Item Selection Algorithm Search page displays	
S4.2	Verify that the Item Selection Algorithm that were used in segments does not have delete icon	Item Selection Algorithm does not have delete icon	

### ***Test Execution***

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