

# Smarter Balanced RFP # 11/Test Authoring

Test Authoring / User Interface

## Scenario Description:

Test Authoring UI when accessed via URL

## Version Control

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

## Test Scripts:

The following scripts, links and pages consist of validated 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):

- 1.1 Home Page
- 1.2 Manage Assessments
- 1.3 Manage Subjects
- 1.4 Manage Publications
- 1.5 Scoring Functions
- 1.6 Item Selection Algorithm

## User Groups:

- System Admin User
- Test Analyzer
- Test Approver
- Test Author
- Test Blueprint Admin
- Test Content Lead
- Test Form Admin
- Test Item Approver
- Test Item Selection Admin
- Test Psychometric Lead
- Test Publisher
- Test Registrar

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## Test Authoring User Interface

- Test Reviewer
- Test Scoring Rule Creator
- Test Segment Admin
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### Requirements Traceability:

RADTIB 9.0, RADTIB 38.1

### Testing Requirements:

- The Test Authoring application will use the Smarter Balanced SSO component for user authentication and authorization
- This screen provides home screen navigation access to the various Test Authoring functions

#### Script #:1.1 TEST AUTHOR login

#### Purpose:

When TEST AUTHOR component is accessed through SSO login, Test Author dashboard page displays

#### Assumptions:

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

#### Prerequisites:

- Test Author is online and user is able to access URL to SSO login page and supported browsers are used

#### 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	
L1.1	Enter valid user ID and password	Test Authoring page displays	

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Step #	Test Action	Expected Results	Pass/ Fail
<b>Dashboard (Home page)</b>			
H1.0	Smarter Balanced branding	Branding images, colors, fonts and alignment meet standards	
H1.1	Verify that the system displays test-creation page	Test-creation page is displayed	
H1.2	Verify that test author can slide down to view post test-creation and test-creation workflow	Test author can slide down to view post test-creation and test-creation workflow	
H1.3	Verify that following linked images are present in test-creation workflow page: <ol style="list-style-type: none"> <li>1. Test</li> <li>2. Test Segment</li> <li>3. Blueprints</li> <li>4. Item Pools</li> <li>5. Enemy List</li> <li>6. Forms</li> <li>7. Scoring</li> <li>8. Performance Levels</li> <li>9. Reporting</li> </ol>	Linked images are present	
H1.4	Verify that except Test linked image rest of the linked images are disable when test author first logs in	Except Test linked image rest of the linked images are disable when test author first logs in	
H1.5	Click post test-creation link from sub-heading to view post test-creation workflow	Post test-creation workflow page displays	
H1.6	Verify that following linked images are present in post test-creation workflow page: <ol style="list-style-type: none"> <li>1. Simulate</li> <li>2. Publish</li> <li>3. Upload Psychometric Information</li> </ol>	Linked images are present	
H1.7	Verify that all linked images are disable when test author first logs in	All linked images are disable	
H1.8	Click Settings wheel from header	Items are available	

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Step #	Test Action	Expected Results	Pass/ Fail
	Verify that following items are available in the list: <ol style="list-style-type: none"><li>1. Subjects</li><li>2. Standard Publications</li><li>3. Computation Rules</li><li>4. Item Selection Algorithm</li></ol>		
H1.9	Click test-creation link from sub-heading Click Test image	Assessment Search page displays	
H1.10	Click Subjects from Settings wheel	Subject Search page displays	
H1.11	Click Standard Publications from Settings wheel	Publication Search page displays	
H1.12	Click Computation Rules from Settings wheel	Scoring Function Search page displays	
H1.13	Click Item Selection Algorithms from Settings wheel	Item Selection Algorithms Search page displays	

### Test Execution

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

### Requirements Traceability:

*RADTIB 16, RADTIB 16.1, RADTIB 16.2, RADTIB 16.3, RADTIB 16.4, RADTIB 16.5, RADTIB 16.6,*

### Testing Requirements:

- The Test Authoring application shall be multi-tenant.
- Test data and dependent elements shall be maintained separately for each tenant.
- Tests and test elements created and managed by a given user are done so on behalf of the tenant identified by the entity associated by the user's Test Authoring role.
- Users that do not have a valid Test Authoring role will not be given access to the Test Authoring application.
- Users with a valid Test Authoring role that are not associated to a valid tenant will not be given access to the Test Authoring application.
- Users with more than one valid Test Authoring role associated with more than one valid tenant will be given access to one and only one tenant at a time.

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- The Test Authoring application will maintain a Setup user interface for creation and management of subject metadata and management of publication standards associations that will not be multi-tenant.

#### Script #:1.1 TEST User Role and Tenancy

##### Purpose:

- Test Author application allows multi-tenant access based on the configuration in Program Management
- Data are maintained separately for each tenant
- User have valid test authoring role. No access to the system if no valid test authoring role is defined. No access to the system if user is not associated with tenant even if that user has valid test authoring role
- User with multiple roles and tenancies will be given access to the system with one tenant at a time
- System will have interface for setting up and maintaining subjects and publications for single-tenant users

##### Prerequisites:

- Users are associated with tenant(s) in Program Management application
- Users have valid Test Authoring role

##### Test Case Steps

Step #	Test Action	Expected Results	Pass/Fail
Permission Application			
P1.0	Open a supported browser and access link <a href="http://web-dev.opentestsystem.org:8080/permissions/roles.xhtml">http://web-dev.opentestsystem.org:8080/permissions/roles.xhtml</a> to access Permissions application	Permissions application home page displays	
P1.1	Click new View/Edit Roles	View/Edit Roles page displays	
P1.2	Create Test Author role (if not exists) and select type of role(s)	Role is created	
P1.3	Click Home and click View/Edit Components	View/Edit Components page displays	
P1.4	Add new component Test Authoring (if not exists)	New component is added	
P1.5	Click Home and click View/Edit Permissions	View/Edit Permissions page displays	

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Step #	Test Action	Expected Results	Pass/Fail
P1.6	Edit the role, assign permission and save	Permission is saved	
P1.7	Click Home and click View/Edit Mappings	View/Edit Mappings page displays	
P1.8	Assign Test Authoring roles by clicking on role check boxes and save	Roles are saved	
<b>Program Management Application</b>			
PM1.0	Open a supported browser and access link <a href="http://pm-dev.opentestsystem.org:8080/programmanagement/">http://pm-dev.opentestsystem.org:8080/programmanagement/</a>	Program management Home page displays	
PM1.1	Click Manage Components	Manage Components page displays	
PM1.2	Add components (if not exists)	Component is created	
PM1.3	Click Home and click Manage Tenants	Edit Tenant Information page displays	
PM1.4	Edit Tenant, check Subscribed & Good Standing check box in TestAuthoring component row and save	Tenant information is saved	
<b>Test Author Application</b>			
TA1.0	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	
TA1.1	Enter valid user ID and password	TEST AUTHOR Dashboard page displays	
TA1.2	Click Manage Subjects and verify that the system displays tenant specific subjects	Tenant specific subjects are displayed	
TA1.3	Click New to add new subject and add new subject	New subject is added and saved in Subject meta data	
<b>Program Management Application</b>			
PM2.0	Go back to Program management application,	Subscription removed from the tenant	

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Step #	Test Action	Expected Results	Pass/Fail
	uncheck Subscribed from the tenant and save		
<b>Test Author Application</b>			
TA2.0	Go to Test Author application and login	Authentication Failed	
<b>Program Management Application</b>			
PM3.0	Go back to Program management application, check Subscribed, uncheck Good Standing from the tenant and save	Subscription added and Good Standing removed from the tenant	
<b>Test Author Application</b>			
TA3.0	Go to Test Author application and login	Authentication Failed	
<b>Program Management Application</b>			
PM4.0	Go back to Program management application, check Subscribed & Good Standing, add Effective Date & Expiration Date (passed date) in the tenant row and save	Tenant information are saved	
<b>Test Author Application</b>			
TA4.0	Go to Test Author application and login	Authentication Failed	

### ***Test Execution***

Date/Time	Tester	Test ID	Test Phase	Status
09/30/2013	RM, MR	UI	1	Pass