Version 7.1702

ate available on Pearson VUE Hosted Server: **March 2nd 2017**

Date available for Remote Deployment Installations: **March 10th 2017**

ⓘ **Why is there a delay of releases for remote deployment installations?**
There is usually a slight delay of releases for remote deployment installations while code is compiled and packaged into an installer package.

⚠ **Are any import templates affected in this release?**
There are no changes to import files in this release.

ⓘ This list is a summary of **planned** changes for the release and the final list of changes included may be different. Please check back **after** the release date for the complete list of changes included.

ⓘ **What new things are in this release?**
To view a short Video of the new things in this release, please click here to watch it, and if you have questions, please contact your Application Consultant.

New Features

Pages	Users Affected	Description	When does this happen?	Outcome	Type
Write Question	Item Writer	Add ability to resize token/target/label to fit graphic	When adding a background image to a token, target or label, the height and width of my token, target or label need to match the dimensions of the graphic.	The following Buttons were added to resize tokens, targets and labels quickly and effectively to match the dimensions of the graphic: • "Resize token to image" • "Resize target to image" • "Resize label to image" If no background image is attached, this button will be disabled.	Enhancement

Write Question	Item Writer	Add background image to label (QTI)	When adding an image to a label on an enhanced matching question, so that text does not have to be used.	• Given a background image is added on an enhanced matching label, when I generate this item with a graphical label i n QTI • The graphic file should be generated along with the QTI itempool.xml file • The itempool.x ml should contain the following additional XML for this label, if I have set the background image: *<lab el bgimage ="$filenam e$" ...etc... />* (where $filename$ refers to the graphic file also being generated.)	Enhancement
Write Question	Item Writer	Add background image to label (QTI)			Enhancement

| Write Question | Item Writer | Add background image to target (QTI) | When adding an image to a target on an enhanced matching question, so that text does not have to be used. | • Given that I've set a background image on an enhanced matching target, when I generate this item with a graphical target in QTI (in a test, or in preview), then:
• The graphic file should be generated along with the QTI itempool.xml file
    • The itempool.xml should contain the following additional XML for this target, if I have set the background image: *<target bgimage="$filename$" ...etc... />* (where $filename$ refers to the graphic file also being generated.) | Enhancement |

Write Question	Item Writer	Add background image to token(QTI)	When adding an image to a token on an enhanced matching question, so that text does not have to be used.	• Given that I've set a background image on an enhanced matching token, when I generate this item with a graphical token in QTI (in a test, or in preview), then: • The graphic file should be generated along with the QTI itempool.xml file • The itempool.xml should contain the following additional XML for this token, if I have set the background image: *<token bgimage="$filename$" ...etc... />* (where $filename$ refers to the graphic file also being generated.)	Enhancement
Write Question	Item Writer	Add background image to label available on the User Interface	• Given I'm writing a new or editing an existing Enhanced Matching item, when I open the properties of a label, then I should be able to choose an asset to attach as a background image.	Enhanced code to allow the ability to add background image to a label available on the User Interface.	Enhancement

- Adding an image is not mandatory, and should not be populated for new questions
- When I click 'Attach asset' I should be able to search for and select an image file from the assets that are editable or viewable within the project I am in.
- It should only be possible to search for the following image types:
  - PNG
  - JPEG
  - GIF
  - BMP
  - SVG
- When I select an image, the frame should automatically populate the 'Selected' label with the filename of the graphic
- When no image is selected, it should automatically populate the 'Selected' label with 'None selected'
- When I click 'Clear', it should clear any image that has been previously set.

			- If I close the properties window without clicking 'Apply', then my changes in the properties window should be discarded. - When I click Apply on the properties window, then the WYSIWYG editor should show my changes on screen. - The image should display in it's original dimensions, starting from the top left of the box (i.e. no resizing) - When I click any of the following options, then my changes should be committed to the database: - Save Changes (write only) - Save and finish later (write only) - Submit (write and modify)		
Write Question	Item Writer	Add background image to target available on the User Interface	Given I'm writing a new or editing an existing Enhanced Matching item, when I open the properties of a target, then I should be able to choose an asset to attach as a background image.	Enhanced code to allow the ability to add background image to a target available on the User Interface.	Enhancement

- Adding an image is not mandatory, and should not be populated for new questions
- When I click 'Attach asset' I should be able to search for and select an image file from the assets that are editable or viewable within the project I am in.
- It should only be possible to search for the following image types:
  - PNG
  - JPEG
  - GIF
  - BMP

- When I select an image, the frame should automatically populate the 'Selected' label with the filename of the graphic

- When no image is selected, it should automatically populate the 'Selected' label with 'None selected'

- When I click 'Clear', it should clear any image that has been previously set.

			- If I close the properties window without clicking 'Apply', then my changes in the properties window should be discarded. - When I click Apply on the properties window, then the WYSIWYG editor should show my changes on screen. - The image should display in it's original dimensions, starting from the top left of the box (i.e. no resizing) - When I click any of the following options, then my changes should be committed to the database: - Save Changes (write only) - Save and finish later (write only) - Submit (write and modify)		
Write Question	Item Writer	Add background image to token available on the User Interface	Given I'm writing a new or editing an existing Enhanced Matching item, when I open the properties of a token, then I should be able to choose an asset to attach as a background image.	Enhanced code to allow the ability to add background image to a token available on the User Interface.	Enhancement

- Adding an image is not mandatory, and should not be populated for new questions
- When I click 'Attach asset' I should be able to search for and select an image file from the assets that are editable or viewable within the project I am in.
- It should only be possible to search for the following image types:
    - PNG
    - JPEG
    - GIF
    - BMP
- When I select an image, the frame should automatically populate the 'Selected' label with the filename of the graphic
- When no image is selected, it should automatically populate the 'Selected' label with 'None selected'

- When I click 'Clear', it should clear any image that has been previously set.

			- If I close the properties window without clicking 'Apply', then my changes in the properties window should be discarded. - When I click Apply on the properties window, then the WYSIWYG editor should show my changes on screen. - The image should display in it's original dimensions, starting from the top left of the box (i.e. no resizing) - When I click any of the following options, then my changes should be committed to the database: - Save Changes (write only) - Save and finish later (write only) - Submit (write and modify)		

Import	Manager or User with necessary permissions	Export translated enhanced matching item from ExamDeveloper	• write token and target idents to the translated .htm • user will need an ability to import token and target idents into ExamDeveloper • tokens and target with blank text should be allowed import • when importing .htm for translated enhanced matching item and idents are blank, fail the import and give the error message indicating that idents are not provided	Ability to export token and target ident when translated.	Enhancement

Write Question or Modify and Generate QTI Package	Item Writer, Reviewer and Manager	No mandatory text in label,target or token (UI and QTI)	• Given that I'm writing or modifying a new Enhanced Matching item, when I add a label/target/token, I should be able to delete the default text so that it is blank and do the following, without the system throwing an error/validation message or adding default text back in (i.e. it stays blank):
			  • Save Changes (write item only)
			  • Save and Finish later (write item only)
			  • Submit (write and modify)
				Ability to use a label, target or token with no text on it, so it may be a blank label instead.	Enhancement

- Given that I've added this question to an exam form, when I generate an exam QTI package for this item (via Create Exam Form -> View Exam -> Generate QTI Package), the itempool.xml file that gets exported should no longer contain the <text> element within the corresponding <label> element, e.g. LABEL:

- the following code: `<label bgcolor='#FFFFFF' height='119' width='202' x='10' y='3' valign='top' z_order='2000'><border color='#000000' bottom_width='1' left_width='1' right_width='1' top_width='1' /><text><p align='left' style='white-space: pre-wrap;'>Label1</p></text></label>`
- should look like this, if no text is on the label: `<label bgcolor='#FFFFFF' height='119' width='202' x='10' y='3' valign='top' z_order='2000'><border color='#000000' bottom_width='1' left_width='1' right_width='1' top_width='1' /></label>`

TARGET:

Given that I've added this question to an exam form, when I generate an exam QTI package for this item (via Create Exam Form -> View Exam -> Generate QTI Package), the itempool.xml file that gets exported should no longer contain the <text> element within the corresponding <target> element, e.g.

- the following code: <target bgcolor='#FFFFFF' ident='71257_R1' sequence='20' width='201' height='51' x='480' y='3' valign='top' z_order='3000'> <border color='#000000' bottom_width='1' left_width='1' right_width='1' top_width='1' /> <text><p align='left' style='white-space: pre-wrap;'>Target 1</p></text> </target>

- should look like this, if no text is on the target: <target bgcolor='#FFFFFF' ident='71257_R1' sequence='20' width='201' height='51' x='480' y='3' valign='top' z_order='3000'> <border color='#000000' bottom_width='1' left_width='1' right_width='1' top_width='1' /> </target>

TOKEN:

			Given that I've added this question to an exam form, when I generate an exam QTI package for this item (via Create Exam Form -> View Exam -> Generate QTI Package), the itempool.xml file that gets exported should no longer contain the <text> element within the corresponding <token> element, e.g. • the following code: <token bgcolor='#FFFFFF' ident='A' sequence='0' width='201' height='51' x='240' y='0' valign='top' z_order='4000'> <border color='#000000' bottom_width='1' left_width='1' right_width='1' top_width='1' /> <text><p align='left' style='white-space: pre-wrap;'>Token1</p></text> </token> • should look like this, if no text is on the token: <token bgcolor='#FFFFFF' ident='A' sequence='0' width='201' height='51' x='240' y='0' valign='top' z_order='4000'> <border color='#000000' bottom_width='1' left_width='1' right_width='1' top_width='1' /></token>		
Write Question	Item Writer	Transparent backgrounds		Ability to set a transparent background on a token, target or label, so that I can see the information behind it.	Enhancement

- Given I'm writing or modifying an enhanced matching item, when I open the Properties window for a token, target or label, I should be able to select a transparent Background Color.

- When I select 'Transparent', I should no longer be able to open the colour picker

- The colour picker should show a transparent grey/white grid to indicate transparency is selected
- I should no longer be able to type into the box to the left of the colour picker.

- When I deselect 'Transparent', the background colour should be reset to white (#FFFFFF)
  - The colour picker should show back, and be usable again.
  - The box should automatically populate with #FFFFFF, and allow me to edit it again.

- If I clear the text in the background colour box while transparent is deselected, the box and colour picker should reset to white (#FFFFFF).

- If transparency is set, and I export this item in QTI, the itempool.xml file should not have a bgcolor attribute set: on the corresponding <token>, <target> or <label> element.

Write Question	Item Writer	View idents on scoring tab	Given that I'm writing or editing an enhanced matching question, when I click the 'Scoring' button, I should be able to see:	Ability to see token and target idents on the scoring screen for enhanced matching items, so that I can set up scoring when no text is included.	Enhancement
			• On the response option tab:		
			• Compatible Token(s) should contain the token ident following by a colon (in bold) followed by any text (unbolded) that has been set, for each token		
			• Correct Token(s) (Key) should contain the token ident following by a colon (in bold) followed by any text (unbolded) that has been set, for each token		
			• On the Scoring Rules tab:		
			• Combination should contain the target ident following by a colon (in bold) followed by any text (unbolded) that has been set, for each target		

| Write Question | Item Writer | View target or token ident on enhanced matching WYSIWYG component | • (Image A) Given that I'm writing or modifying a new Enhanced Matching item, when I add a target or token, I should be able to see the ident for that target or token in a tab above the box. Ident is view only.

TARGET:

Given that I've added this question to an exam form, when I generate an exam QTI package for this item (via Create Exam Form -> View Exam -> Generate QTI Package), the itempool.xml file that gets exported should contain a <target> element with an ident attribute that matches what is shown on screen in ExamDeveloper (i.e. <target ident='71257_R1'.>, if the ident in the application shows '71257_R1')

TOKEN:

Given that I've added this question to an exam form, when I generate an exam QTI package for this item (via Create Exam Form -> View Exam -> Generate QTI Package), the itempool.xml file that gets exported should contain a <token> element with an ident attribute that matches what is shown on screen in ExamDeveloper (i.e. <token ident='A' ...>, if the ident in the application shows 'A') | Ability to see the target or token ident on enhanced matching items, so that I know which target or token is which when they are not populated with any text. | Enhancement |

Configuration > Statistic	Project Manager	Project configuration to pick analysis group / set	Project Manager desires the ability to have the analysis group and analysis set pre-selected on pages containing statistics.	Analysis group and analysis set are pre-selected on pages containing statistics.	Enhancement
Manage > Project Bank >Configuration	Project Manager	Add project level configurations setting to display answer key	Program Manager determines the necessity of either enabling or disabling the displaying of the answer key during the rate of difficulty.	New feature gives the ability to turn on and off the setting for displaying the correct answer key during the rate difficulty.	Enhancement
Various Pages	Various Permissions	Preselection of Analysis Group and Set	Available to Examine Questions, Observe Questions, Question History Question Summary, Review Questions and Validate Questions pages.	A preselection in the configuration can now set the Analysis Group and Set.	Enhancement
Admin Portal	Administrator	Create system-wide user retirement process	• On the user audit page in the admin portal , when an admin chooses to perform a system-wide deactivation of a non-admin (in cluding itembank manager) user's account, the system should provide a prompt asking the admin performing the action if they're sure they wish to proceed. • Any user can be retired from the admin portal apart from the administrators • If the admin wishes the process to proceed, then the system should automatically perform the following steps for all projects for that user (including default itembank projects)	The ability to automatically retire a non-admin user's access across the entire system, so that I do not need to perform the steps manually.	Enhancement

			- if user is a default project manager, - give error, don't disable user - if user is not a default project manager - disable the user - remove all roles from the user - remove all project assignments - remove any existing writing/review/validation assignments - The requesting username, timestamp and action should be logged by the system when this process begins. - After this process is complete, the user should not be able to access/login to the system. - When a Project Manager navigates to Manage -> Users, they should be able to enable a user account, reassign permissions, assignments, etc. to enable them access back into the system on a project by project basis.		

Admin Portal	Administrator	Replace default project manager	When admin user clicks on "retire" button for the non-admin user and if non-admin user is a default project manager on one ore more projects - show a warning that user is a default project manager for a project or projects - provide the way to replace default project manager	The ability to replace default project manager for the project so I can retire the user who is assigned as a default project manager.	Enhancement

Manage Item Bank > User Audit	ItemBank Manager	Export access audit report to xlsx format.	- When itembank manager generates a 'User Access" report the results will be written to an Excel xlsx document
			
			- report is for all users in the itembank
			
			- report will not have filters
			
			- the report will be under the new tab "User Access" inside Manage Itembank>Reports
			
			- report will have one worksheet
			  - User data (Sheet 1, named 'User access')
			    - UserID
			    - Full name
			    - Email address
			    - Organisation
				The ability to export access audit report in an Excel (xlsx) format, so that I can audit system access externally.	Enhancement

- Project
  - this will be project name
- Project status
  - report will show all projects regardless of their statuses
- Last Exam Developer login date
- Is Itembank manager? (Yes/No)
- Is Project manager (Yes/No)

- User Role
  - display role title
  - list all roles, separated by comma
- Retired (Yes/No)

- The spreadsheet should have no formatting

- The file should be named User access (Itembank name).xlsx, where itembank name is the name of the item bank.

- If user account has no assigned projects (including both active and inactive), they should be shown in the export

Admin portal	Administrator	Export user audit report to xlsx format	• Allow ability to export Excel spreadsheet for the user audit
			
			• it will be synchronous (not queue) process that will generate excel report
			
			• The spreadsheet should be named User audit.xlsx
			
			• Spreadsheet will not show admin users
			
			• Allow the ability to select organization
			  • all organizations will be checked by default
			  • user can select a specific organization from a dropdown
			
			• Excel report will have two sheets
			  • Summary
			  • Detail
			
			Report will be added to SSRS
				The ability to take the user audit and export it in an Excel (xlsx) format, so that I can audit system access externally.	Enhancement

Import > Blueprint	User with Manage Import permissions	Allow to import Blueprint by user who having "Manage Import" permission	• allow user to import blueprint • when user redirected to the blueprint page, make that page view only, so that the user is unable to edit anything on that page, e.g add node, etc.	As a non-manager user with Manage Import Permission in ExamDeveloper, the ability to import blueprint and also view it.	Enhancement

Import > Blueprint	User with Manage Import permissions	Display message for User having, "Manage Import Permission" on click of Delete button	User with Manage Import permissions can upload a blueprint, but does not have the ability to delete the blueprint. The user will receive the following message: "You do not have permission to perform this action"	Manage Import permissions allows a user to upload a blueprint, however in attempting to delete a blueprint they will receive a message that their permissions do not allow this action to be performed.	Enhancement
View Exam Form	Manager	Exception on View Examform Page when select pagination	Selecting 50 Item per page drop-down, exception error occured	Fixed so that, as per pagination, Exam form should be displayed.	Fix
Users	Manager	Incorrect verbiage when retiring users	Message: "By choosing to retire the selected user(s), any write, review or validate assignments will be deleted and they will no longer have access to the system. Are you sure you want to retire the selected user(s)?"	Verbiage is changed to indicate assignments being disabled for retired users and will be enabled when user is made active.	Fix

Updates and Fixes

Pages	Users Affected	Description	When does this happen?	Outcome	Type
Write Question	Item Writer	Question with Exhibit is displayed twice on Add Exam page, when same question is added to different sections and sections in Exam	When the configuration setting "The same item can be added to multiple sections within the same exam form" is turned "ON" The expected result was to display 1 question contained in different sections on the same exam form.	Fix was made to only display 1 question contained on various sections within the same exam form.	Fix
Collections	Manager	Seeing Duplicate Images in HTML View of Collection	When generating the HTML for a collection, there are multiple images on items.	Issue corrected and images no longer displaying multiple times on items.	Fix
View Exam Form	Manager	Exception on View Examform Page when select pagination	Selecting 50 Item per page drop-down, exception error occured	Fixed so that, as per pagination, Exam form should be displayed.	Fix

| Users | Manager | Incorrect verbiage when retiring users | Message: "By choosing to retire the selected user(s), any write, review or validate assignments will be deleted and they will no longer have access to the system. Are you sure you want to retire the selected user(s)?" | Verbiage is changed to indicate assignments being disabled for retired users and will be enabled when user is made active. | Update |