**Item Bank Viewer UAT**

*Feedback Due from Smarter Balanced staff* ***by end of day, Friday, April 28.***

Instructions

The purpose of this UAT is to ensure the following features with phase 2 of the Item Bank Viewer web application are functional:

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| **Feature Name** | **Feature Description** |
| Viewing item metadata | Each assessment item has an accompanying metadata file. The Item Bank Viewer has the ability to view item metadata at various stages of item development. |
| Applying Accessibility features | The Item Bank Viewer has the ability to apply accessibility features in order to get a sense of what a student's experience will be when viewing and interacting with an item. Some of the accessibility features are driven by settings in the item metadata. |
| Item scoring | The Item Bank Viewer has the ability to score the following machine scored item types:   * Evidence based selected response (EBSR) * Equation (EQ) * Grid Item (GI) * Hot Text (HTQ) * Multiple choice (MC) * Match interaction (MI) * Multi-select (MS) * Table interaction (TI)   *Note: hand scored items (extended response [ER] and short answer [SA]) will not be scored* |
| Attempting to view non assessment items | Since non-assessment items are in the same folder and use the same item id scheme as assessment items, if attempting to view a non-assessment item, the Item Bank Viewer will inform the user that the item is not viewable. |

This UAT should take **no more than 30 minutes** to complete in total. Before you begin, please fill out the following information about your test environment:

* **Device:**
* **Web browser and Version:**

For each test, please follow these instructions:

1. Follow each step’s description and verify expected result by indicating **Yes** or **No** in the column.
2. Leave comments for each step if needed, or provide general comments at the end of each test.

**The staging site for this UAT is:** <http://ba-apps-t01.it.ucla.edu:8090/iris/Pages/item.xhtml>

**Test 1: Viewing Item Metadata**

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| **Step** | **Action** | **Expected Response** | **Did the Expected Response occur? (Y/N)** |
| 1.1 | * From the [Item Bank Viewer page](http://ba-apps-t01.it.ucla.edu:8090/iris/Pages/item.xhtml), enter **187** in the Bank ID box and **2841** in the Enter Item ID box. * Click the Load button. * Once the item is loaded, observe the label above the item. | The label should be green with the text "viewing current version" |  |
| 1.2 | * Click the Metadata button to open the Item Metadata window. | The Item Metadata window opens and content is displayed about the assessment item. |  |
| 1.3 | * Click the Version link to expand the versions available for the item | List of previous version links are displayed. |  |
| 1.4 | * Click Version 3 and observe the blue label above the item. | The label should be blue with the text "viewing version 3" |  |
| 1.5 | * Click the Metadata button to open the Item Metadata window for version 3 | The Item Metadata window opens and content is displayed for version 3 of the assessment item. Note that not all of the metadata content is complete when compared to the current version in step 1.2. |  |

Comments on Test 1:

**Test 2: Applying Accessibility Features**

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| **Step** | **Action** | **Expected Response** | **Did the Expected Response occur? (Y/N)** |
| 2.1 | * From the [Item Bank Viewer page](http://ba-apps-t01.it.ucla.edu:8090/iris/Pages/item.xhtml), enter **187** in the Bank ID box and **3387** in the Enter Item ID box. * Click the Load button. * Once the item is loaded, observe the label above the item. | The label should be green with the text "viewing current version" |  |
| 2.1 | * Click the Accessibility button. | The Accessibility Options window opens and displays the available options |  |
| 2.2 | * While the Accessibility Options windows is open, select Yellow on Blue under the Color Choices option. * Click the Update button at the bottom of the window (you may have to scroll down a bit to see the button) | The item is altered to have yellow text on blue background. |  |
| 2.3 | * While viewing item **3387**, click the Metadata button to open the Item Metadata window. | Observe that the **AllowCalculator** value is **N**. |  |
| 2.4 | * Close the Item Metadata window. * While still viewing item **3387**, click the Accessibility button to open the Accessibility Options window. | Observe that the Calculator drop down box is inactive. This is based on the metadata for item **3387**. |  |
| 2.5 | * Close the Accessibility Options window. |  |  |

Comments on Test 2:

**Test 3: Item Scoring**

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| **Step** | **Action** | **Expected Response** | **Did the Expected Response occur? (Y/N)** |
| 3.1 | * From the [Item Bank Viewer page](http://ba-apps-t01.it.ucla.edu:8090/iris/Pages/item.xhtml), enter **187** in the Bank ID box and **2860** in the Enter Item ID box. * Click the Load button. * Once the item is loaded, observe the label above the item. | The label should be green with the text "viewing current version" |  |
| 3.2 | * Click the Metadata button to open the Item Metadata window. * Observe the **InteractionType** value. | The interaction type value should be **EBSR**. |  |
| 3.3 | * Close the Item Metadata window * [optional] Click the speaker icon to listen to the passage "Soaring on the Wings of the Wind" (1 min 53 sec long) * Select option D for Part A * Select option B for Part B * Click the Score button | A message is displayed indicating that the answers are correct, along with the maximum number of points scored for the item. |  |
| 3.4 | * While viewing item **2860**, select any other options for Parts A and B as incorrect answers. * Click the Score button. | A message is displayed indicating that the answers are incorrect. |  |
| 3.5 | * Repeat the above steps with the following items. The correct answer to the items are given. * **3421**   interaction type: **EQ**  correct answer is **13/5**   * **3395**   interaction type: **GI**  correct answer is to plot a point at **(4, 1)**   * **3018**   interaction type: **HTQ**  correct answers are sentences **B** and **C**.   * **2967**   interaction type: **MC**  correct answer is **A**   * **3585**   interaction type: **MI**  correct answers are **No**, **Yes**, **Yes**, **No**, **Yes**   * **3637**   interaction type: **MS**  correct answers are the **1st** and **3rd** options.   * **3501**   interaction type: **TI**  correct answers are **4**, **9.03**, **14.19**, **17** | When correct answers are entered, a message is displayed indicating that the answers are correct, along with the maximum number of points scored for the item  When incorrect answers are entered, a message is displayed indicating that the answers are incorrect. |  |
| 3.6 | * Repeat step 3.1 – 3.4 with the following items. * **3676**   interaction type: **SA**  enter any text as an answer   * **1432 or 2645 or 2644**   interaction type: **ER**  enter any text as an answer | A red label indicating that the item cannot be scored is displayed above the item. These are hand-scored items.  A green label indicating that “**The Item Format is Short Answer or Extended Response and it can't be scored using Scoring Engine**” |  |
| 3.7 | * Test if rubric file is missing * Test any item scored correctly () * Delete the rubric file from item directory * Try to score the same item | A message should be displayed above the item saying “**Unable to score item: No Rubric File Found for 187-3220** No Rubric File Found for 187-3212 ” |  |

Comments on Test 3:

**Test 4: Attempting to view non-assessment items**

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| **Step** | **Action** | **Expected Response** | **Did the Expected Response occur? (Y/N)** |
| 4.1 | * From the [Item Bank Viewer page](http://ba-apps-t01.it.ucla.edu:8090/iris/Pages/item.xhtml), enter **187** in the Bank ID box and **2941** in the Enter Item ID box. * Click the Load button. | A red label with a message that the item is not viewable is displayed above the item. This is a glossary item. |  |

Comments on Test 3: