7.3 Exam Forms

The **Exam Form Statistics** in the **Observer Dashboard** describes the various statistics associated with every exam form in the project you are working on. The user can select an exam form from the drop-down and view the report for the corresponding exam form below in the **Exam Form Observer Dashboard**.

On selecting an exam form from the drop-down, information about the exam form is displayed below like the page displayed below:

The following statistics are displayed:

Exam Form Statistics:

1. **Exam Form:** Shows the name of the exam form selected. The exam form ID is mentioned in parentheses following a # sign.
2. **Average Difficulty (Angoff):** The average Angoff rating of the items in the exam form.
3. **SEM**: The Standard Error of Measurement of the exam form.

> ⓘ SEM is an estimate of error to use in interpreting a candidate's test score.

4. **Average Validation Rating for Test:** The average validation rating for the exam form.
5. **Questions selected:**
   a. **Scored**: The number of items scored in the exam form.
   b. **Experimental**: The number of experimental items in the exam form.
6. **Percentage Shared Among Versions:** The percentage of items shared among the versions of an exam form.
7. **Metadata (% of Test):** The percentage of metadata belonging to different metadata contents in an exam form.

This page also shows the details of the ratings assigned to items in the project:

UserName	#QuestionRated	AvgAngOff	#Rating Outliers	Rating Difference
anita	2	57.00	2	57.00

Column	Description
Username	The user working on the project.
# Question Rated	The number of items rated by the user.
Avg Angoff	The average Angoff ratings of the items assigned by the user.
# Rating Outliers	The number of items with outlier rating on the exam form.
Rating Difference	The difference between the average Angoff and rating outliers.

> ✓ **Tracking user progress in a Standard Setting session**
> This table is a great tool to see which users have finished work and which still have work to do using the **# Questions Rated** column in the table above. If you know how many items are on the exam form, it will be easy to see which users you should ping to complete their work.

Another section included is the **Validation Data Report**.

This report shows the validation performed on the items belonging to the selected exam form in drop-down with the following details:

Validation Data Report

Seq. #	Question #	Revision Code	Blueprint ID	Question Author	Users who Approved Question	Avg. Importance	Avg. Criticality	Avg. Frequency	Avg. AngOff	# Raters	Raters
1	169855	282693	0	Writer 1 (10/19/2018 10:13 AM)	rev3 (11/06/2018 13:05 PM), rev2 (11/06/2018 13:04 PM), rev1 (11/06/2018 13:04 PM), rev2 (11/06/2018 13:02 PM), rev3 (11/06/2018 13:00 PM), rev1 (10/30/2018 11:02 AM), rev3 (10/29/2018 13:13 PM), rev2 (10/29/2018 13:12 PM), rev1 (10/29/2018 13:09 PM)	2	3	3	60	1	rev1 (11/06/2018 13:54 PM)
2	170689	294392	0	Writer 1 (10/30/2018 10:27 AM)		0	0	0	0	0	
3	170778	301056	0	Writer 1 (10/31/2018 13:37 PM)		0	0	0	0	0	
4	170829	281519	0	Writer 1 (11/01/2018 09:49 AM)		0	0	0	0	0	

Column	Description
Seq.#	Sequence on exam form.

Question #	Question ID (not DB ID).
Revision Code	Displays the Revision Code number of the item.
Blueprint ID	Displays Blueprint ID of the item.
Question Author	Displays the Author name, Date and Time for the item.
Users who Approved Question	Displays the users who approved that item.
Avg. Importance	Average Importance Rating (using 0 -4 rating across all raters of current version of the item).
Avg. Criticality	Average Criticality Rating (using 0 -4 rating across all raters of current version of the item).
Avg. Frequency	Average Frequency Rating (using 0 -4 rating across all raters of current version of the item).
Avg. Angoff	Average Angoff Rating (Average Angoff Rating across all raters who rated the current version of this item).
#Raters	The number of raters who were used in calculating the averages listed above.
Raters	All of the raters whose ratings were used in calculating the values above.