

Student and Classroom Reporting Tool

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1 Individual Assignment Specifications

1.1 Graph Alterations

Alterations need to be made to the existing graphs on the system per the mentor's wishes. As it currently stands, the changes to the graphs are as follows: Changing the color of the lines to red and blue to make the distinction between the individual/average lines easier to read and understand. Also, make sure the axis on the graph are labeled accordingly. Lastly, insert a miniature version of the graphs to the buttons for each item and student.

- Who is doing it? Edward Prins III
- Evaluation: Graphs that have red and blue lines to indicate individual/average progress for items and students. These graphs must also have axis that are labeled accordingly. The buttons that house the items and students must also contain a graph inside the button to enhance the aesthetics and readability of the system.

1.2 Displaying Metrics

When the user is on the stats pages for either items or students, there must be a list of metrics depending on the page. For instance, if the user is on the stats page for an individual student, there should be a table that displays all of the metrics for that individual student across all of the items the student has participated in. The same applies to the item stats page where the user should see a table beneath the graph that displays all of the student metrics for all of the students that have participated within that given item.

- Who is doing it? Nicholas Gordon
- Evaluation: Tables on the stats pages for both items and students that displays the appropriate metrics for the particular item or student.

1.3 Front End Modifications

As it currently stands, the buttons representing the items and students are shaded according to the progress of the particular item or student. These buttons are currently sorted alphabetically with no correlation to the button color. Per the mentor's request, these buttons should be sorted by the progress as opposed to alphabetically.

- Who is doing it? Justin Hiller
- Evaluation: Buttons that are sorted based upon the progress instead of alphabetically.