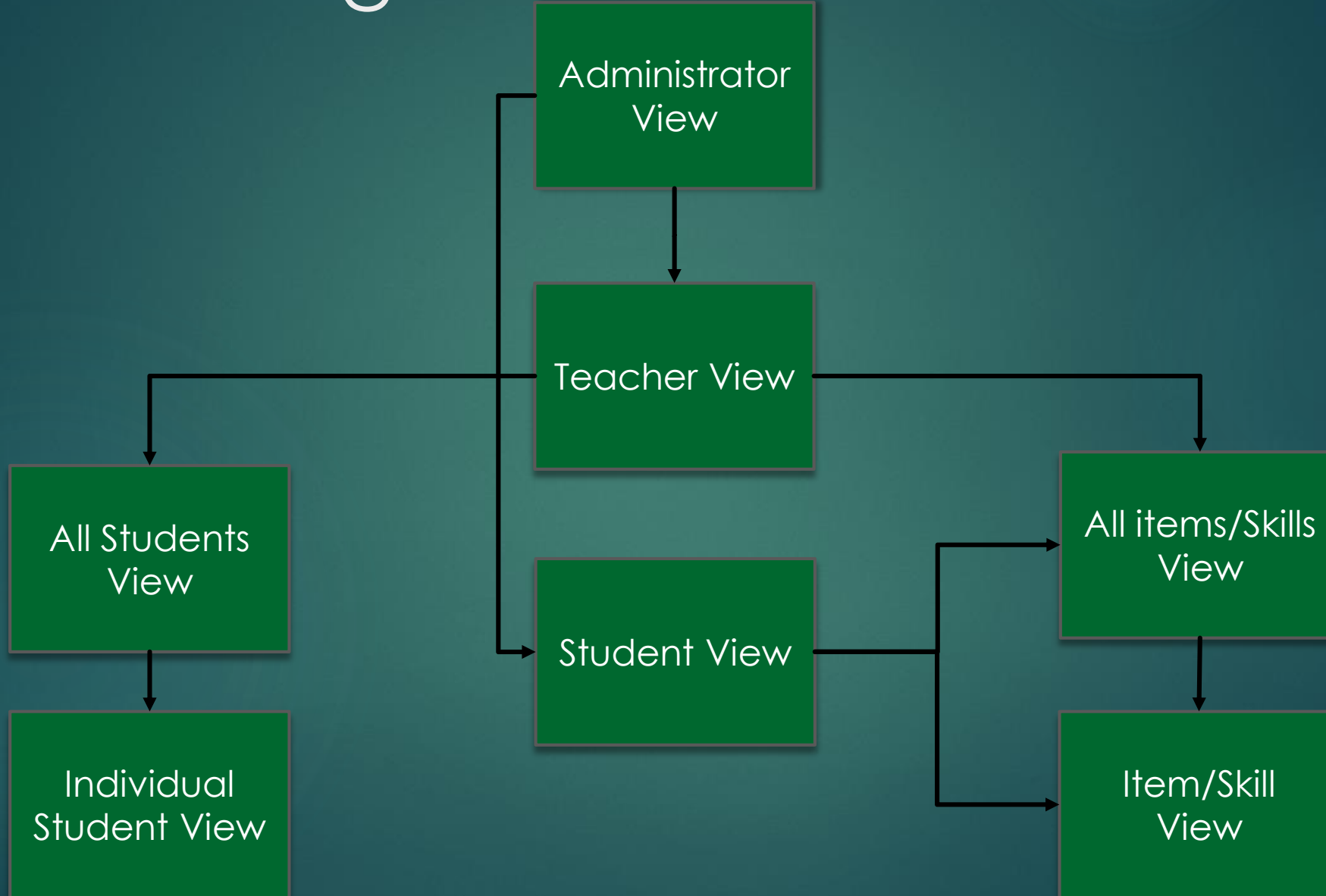




User Interface Design:

JUSTIN HILLER, EDWARD PRINS III, NICHOLAS GORDON

Interface Design:



The All Students Display:

- ▶ Show a tiled grid
 - ▶ Each tile represents a student
 - ▶ Each tile will be colored from red to blue showing performance
 - ▶ Each tile will also show a white spark line indicating trend across repetitions
- ▶ A button to switch to the all items display

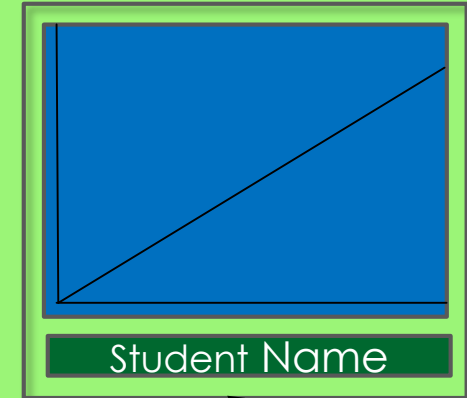
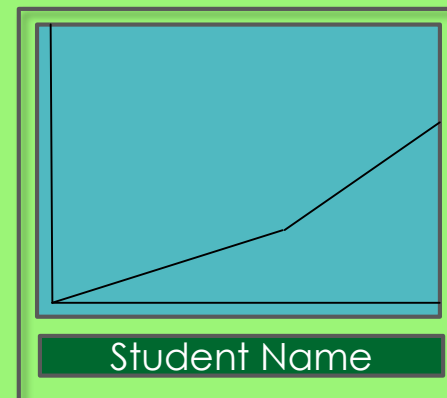
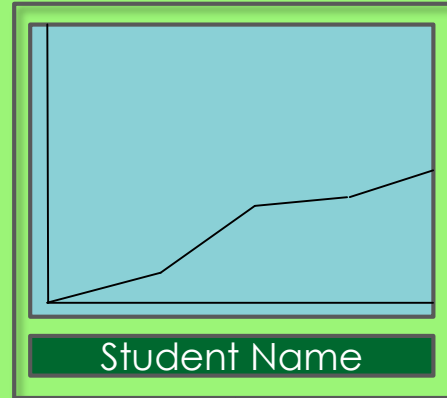
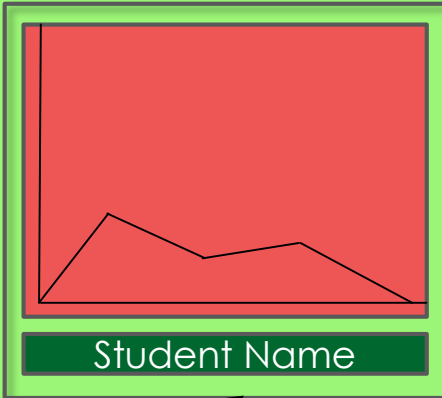
The All Students Display:

The all items button redirects the user to the all items page

MoFaCTS

All Items

Username



If a student's tile is clicked, the user will then be taken to the individual student's page.

The All Item/Skill Display:

- ▶ Show a tiled grid
 - ▶ Each tile represents a skill or item
 - ▶ Each tile will be shaded and colored depicting performance
 - ▶ Each tile will also contain a spark line to indicate trends across repetitions
- ▶ Contains a button to switch to the All Student Display

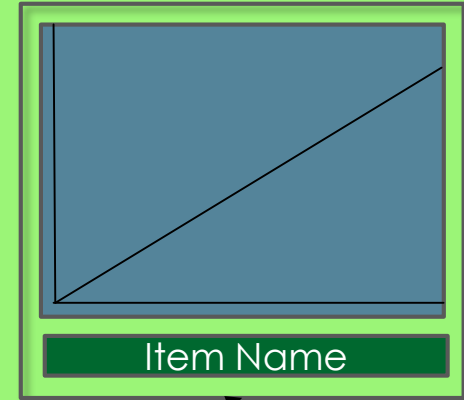
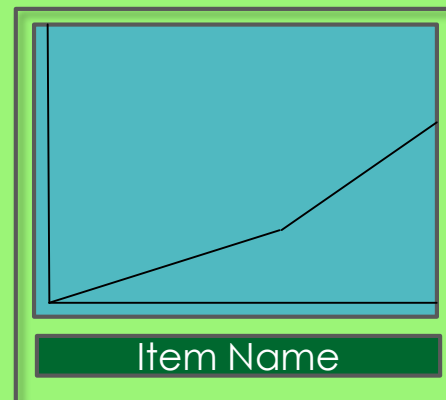
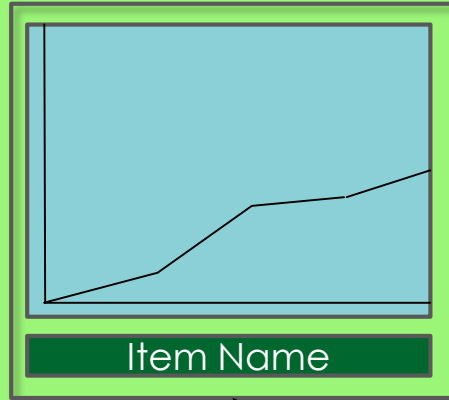
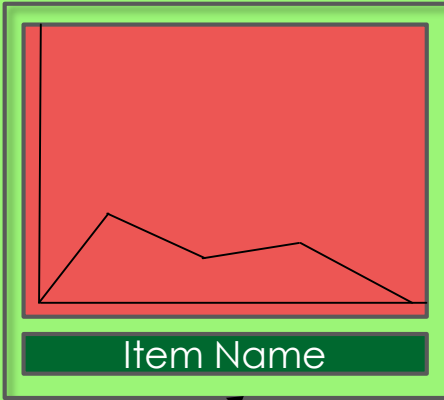
The All Items/Skills Display:

Takes the user to the all students page.

MoFaCTS

All Students

Username



When the tile for the item is clicked, the user will then be navigated to the specific item's page.

The Student Display:

- ▶ Shows the progress for a single student when the student's tile is clicked.
 - ▶ Shows an overall trend line for correctness and speed of performance
 - ▶ Must also list the performance for each individual skill for that student

The Student Display:

MoFaCTS

Username

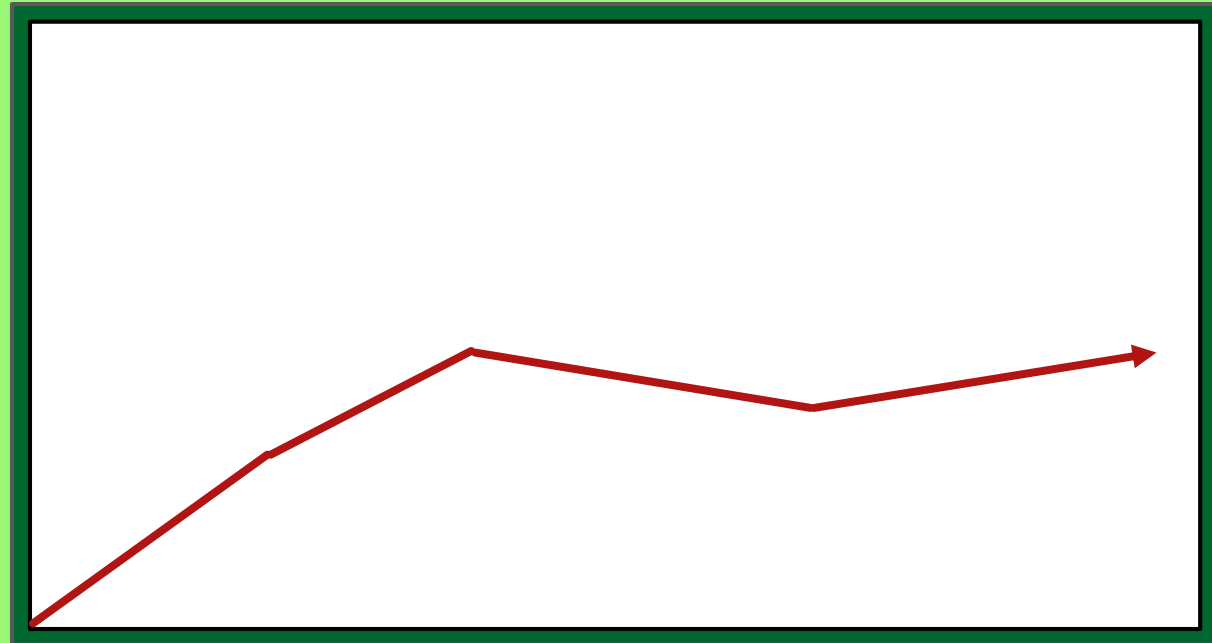
Student's Name:

Performance:

- Item/Skill Name
 - Speed over repetitions
 - Correctness
- Item/Skill Name
 - Speed over repetitions
 - Correctness
- Item/Skill Name
 - Speed over repetitions
 - Correctness

Shows metrics for each item relating to the student

Speed over repetitions



Correctness

— Student's Name

Graph showing the overall trend line for speed/correctness

Back

The Item/Skill Display

- ▶ Shows the progress for a single item when the item is clicked.
 - ▶ Shows the overall trend line for the item/skill
 - ▶ Compared against all other items
 - ▶ Shows the performance for each individual student associated with that item

The Item/Skill Display:

MoFaCTS

Username

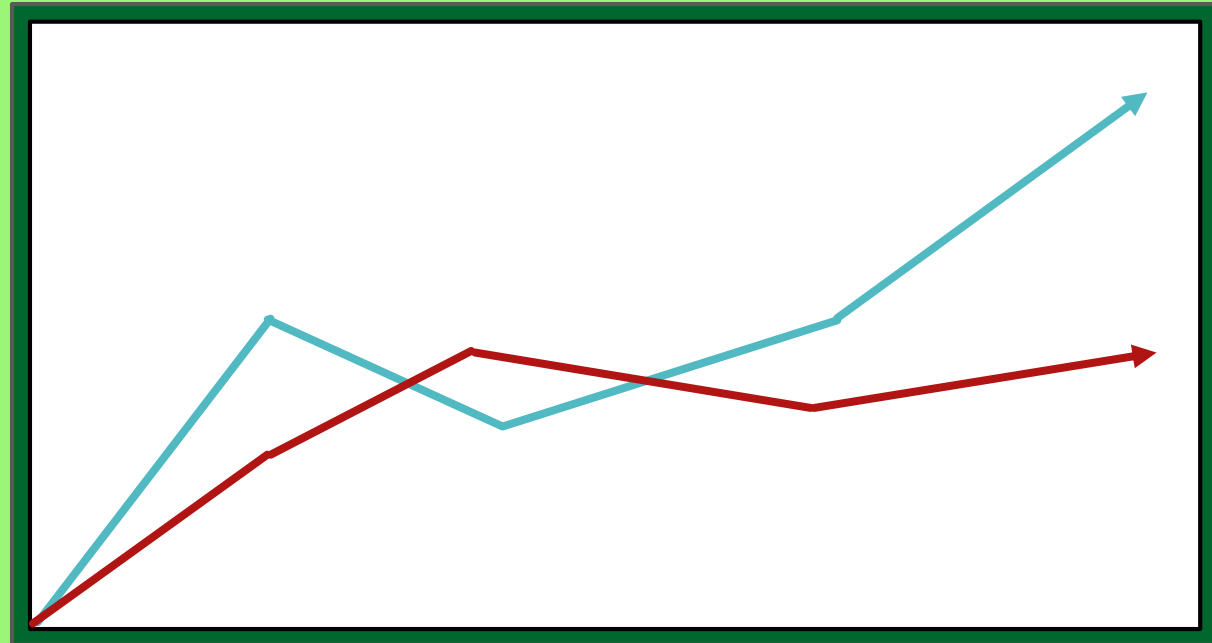
Item/Skill Name:

Performance:

- Student's Name
 - Speed over repetitions
 - Correctness
- Student's Name
 - Speed over repetitions
 - Correctness
- Student's Name
 - Speed over repetitions
 - Correctness

Shows metrics for each student that relates to the item/skill

Speed over repetitions



Correctness

— Item/Skill Name
— Other Items averaged

Graph showing the overall trend line for speed/correctness

Back