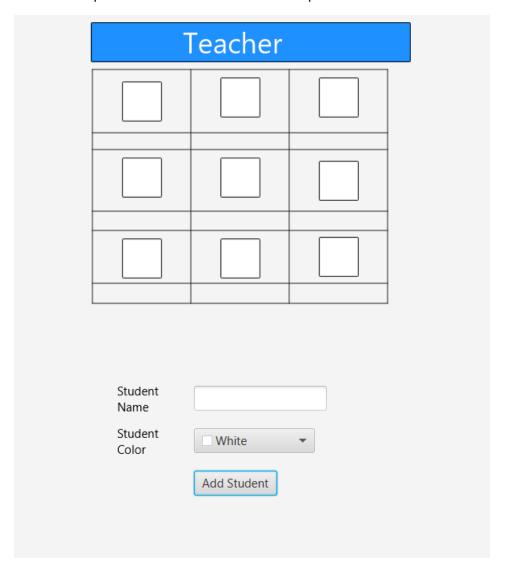
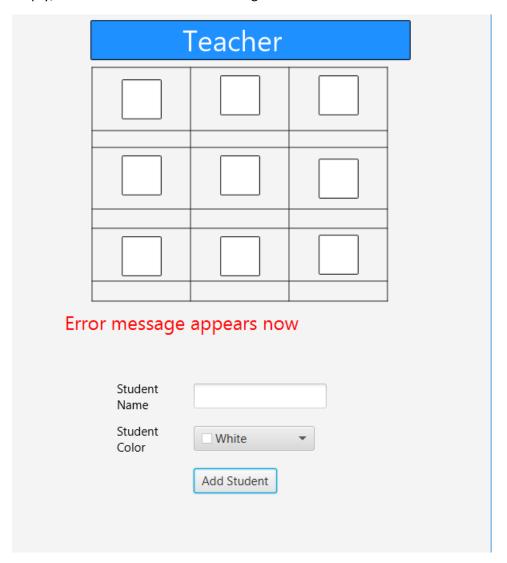
GUI Assignment

You will be creating a seating arrangement application using JavaFX. The project will comprise of two sections: the interface and the Java code.

The application will feature a 3x3 seating chart and a form below the seating chart. The form of with ask the user to input a name and choose a color to represent the student. Below is an example.



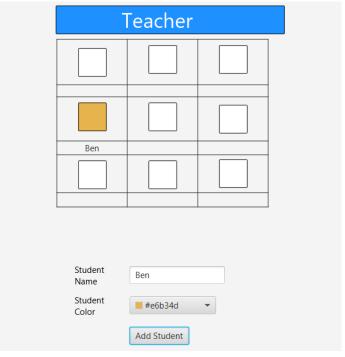
When the user clicks on the button, the application will check that the text field is not empty. It will also check to determine if the color has already been chosen for a seating arrangement. If the text field is empty, the user receives an error message.

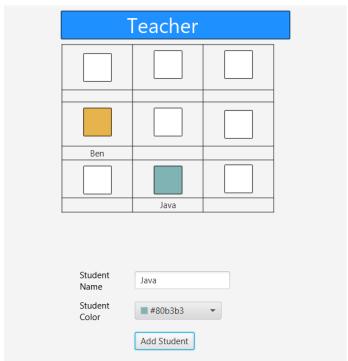


If the name is not empty and the color has not been chosen already, the application randomly chooses a placement for the student. If the color has already been choses, an error message appears.

The app will only place the student in an empty slot and will give an error message when there are no more places available.

See below for screenshots.





#	Rubric Task	Description	Weight in %
1	Stylish GUI	Original layout. Does not	15
		copy sample outline of	
		Assignment. Uses good	
		color combinations.	
2	Uses appropriate GUI structures	Uses controls, layouts,	7.5
		shapes, etc	
3	Actions evoke appropriate GUI structures	Components are not	7.5
		visible until appropriate	
		actions	
4	Seating is chosen at random	Pattern of choosing	27.5
		seating is not hard-coded.	
		Chosen at random.	
5	Verifications are completed	Application checks if color	27.5
		is chosen: gives error if it	
		is. Does not place student	
		in seating arrange if color	
		has already been choses	
		Application checks if	
		student name is not	
		blank. This includes	
		checking for spacebar	
		entries, where no	
		characters are inputted:	
		gives error if it is. Does	
		not place student.	
6	Add Student button works correctly.	Color and Student Name	10
		appear in seating	
		arrangement when user	
		has inputted an entry	
		with no errors.	
7	Seating Complete	Congratulatory message	5
		is showed when seating	
		has been completed.	
		Error message shows up	
		when user tries to add	
		another Student Name	
		when Seating	
		arrangement is full.	

Submission Instructions

Name your project package guiAssignment_######, where ###### is your student number.

Navigate to the src directory of the project and zip up the files (.java , .fxml, etc).

Name the zipped file **guiAssignment_######**, where **######** is your student number.

Submission Due Date

The due date for this project is July 1, 2018 @ 11:59PM