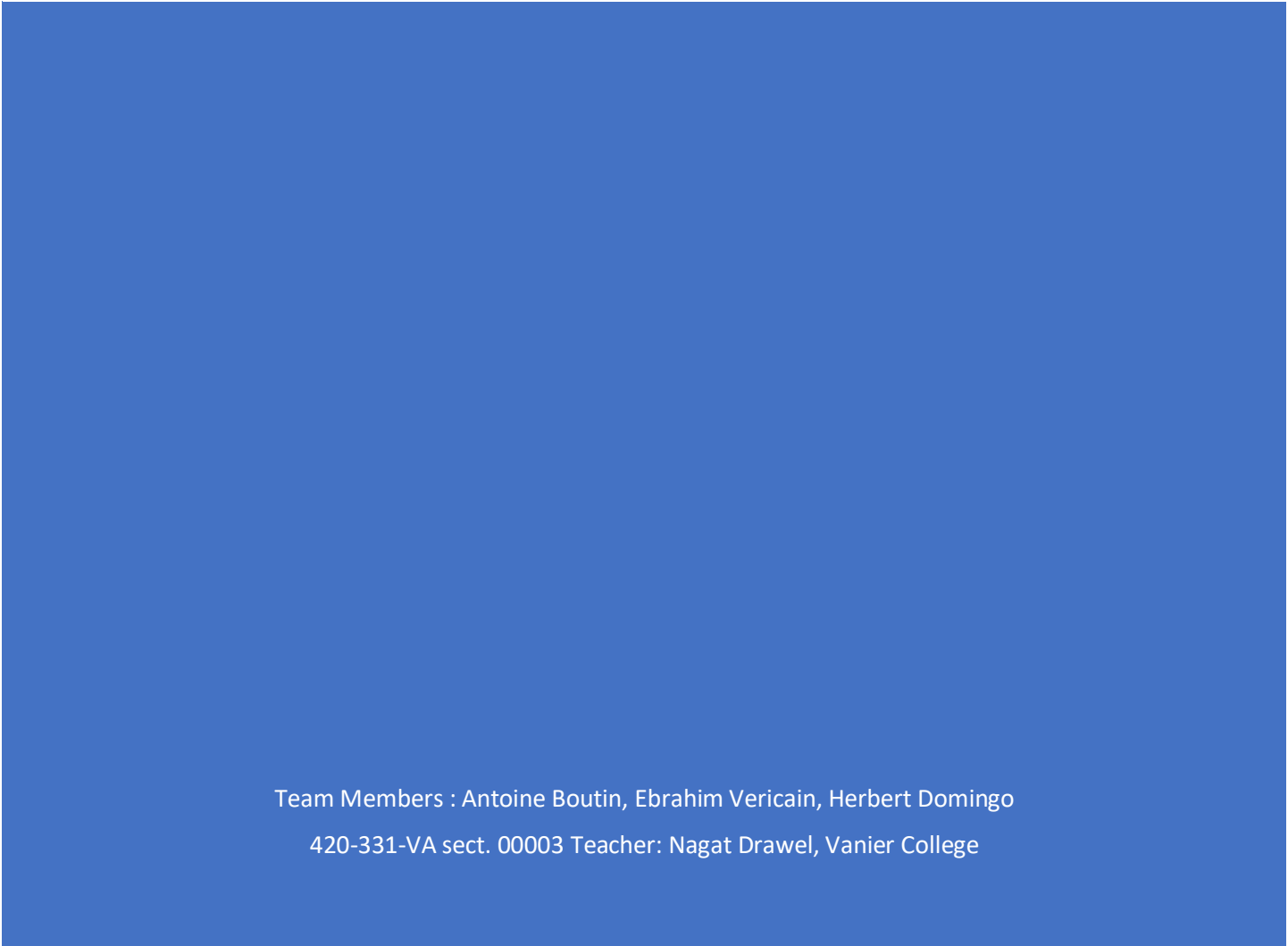




## User Guide Manual : Grading System Application



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# 1 Introduction

## **Purpose:**

Windows-based Grading application for professors to grade their students with ease. The application allows the teacher to set up their coursework with their liking such as labs, assignments, projects, exam, etc. With this application, they can manage and track all the information about their courses, students, student grades and grading system. In addition, they can add new courses, students, categories, grading criteria and assessments.

## 2 Download and Install Software

### 2.1 Getting .Net Framework

In order to successfully start the application, you need .NET Framework installed on the computer where the application will run on.

### 2.2 Downloading Project and Running it

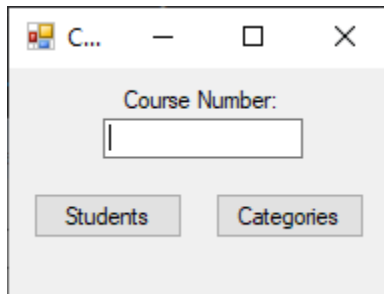
You can download the zip file that contains the project then:

- If you want simplicity and just run the application, you need the TeamProject.exe to run it.
- However, if you want to see the code and modify it, you need Microsoft Visual Studio installed and click on the solution.

## 3 Step by Step Instructions

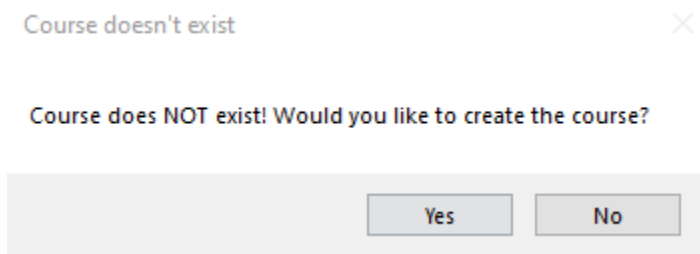
### 3.1 Getting Started: Inputting Course

Here you will input your desired course number into the text box and press either button to open up their respective data on the inputted course:



The image shows a small application window with a title bar containing a standard Windows icon and the text 'C...'. Inside the window, there is a label 'Course Number:' followed by a text input field. Below the input field, there are two buttons: 'Students' on the left and 'Categories' on the right.

If your inputted course does not exist, this prompt will show up, if you want to create said course:



The image shows a dialog box with a title bar that says 'Course doesn't exist' and a close button (X) in the top right corner. The main text of the dialog box reads 'Course does NOT exist! Would you like to create the course?'. At the bottom of the dialog box, there are two buttons: 'Yes' and 'No'.

### 3.2 Selecting Students Button

If you press the student button, this form will pop up, showing all currently enrolled students into your inputted course:

The screenshot shows a window titled "Student Viewer". It contains two main sections: "List of Students" and "Add Student".

**List of Students:**

	ID	Section Number	First Name	Last Name
▶	S12345678	0001	Shahd	Zaki
	S13579135	0002	Loylia	Thomas
	S12849135	0002	John	Lee
*				

Below the table is a scroll bar.

**Student Grades:**

	Category Letter	Item	Points Earned
*			

Below the table is a scroll bar.

**Add Student:**

Student ID:

Section #:

First Name:

Last Name:

**Add Grade:**

Category:

Item:

Points Earned:

Selecting a particular student (by pressing on their perspective row, showcase by the triangle on the list of students) will open their respective grades:

The screenshot shows the same "Student Viewer" window, but with the second row of the "List of Students" table selected (highlighted in blue). The "Student Grades" table is now populated with data.

**List of Students:**

	ID	Section Number	First Name	Last Name
	S12345678	0001	Shahd	Zaki
▶	S13579135	0002	Loylia	Thomas
	S12849135	0002	John	Lee
*				

Below the table is a scroll bar.

**Student Grades:**

	Category Letter	Item	Points Earned
▶	A	1	70
	E	1	100
	L	3	75
	L	2	50
	A	2	80
	F	1	95

Below the table is a scroll bar.

**Add Student:**

Student ID:

Section #:

First Name:

Last Name:

**Add Grade:**

Category:

Item:

Points Earned:

To add student, simply include all the required parts into their respective textboxes and click Add Student:

The screenshot shows the 'Student Viewer' application window. On the left, the 'List of Students' table is displayed with columns: ID, Section Number, First Name, and Last Name. The first row is highlighted in blue. Below this table is a 'Student Grades' table with columns: Category Letter, Item, and Points Earned. On the right, the 'Add Student' form contains text boxes for Student ID, Section #, First Name, and Last Name, followed by an 'Add Student' button. Below that is the 'Add Grade' form with a dropdown for Category, text boxes for Item and Points Earned, and an 'Add Grade' button.

ID	Section Number	First Name	Last Name
S12345678	0001	Shahd	Zaki
S13579135	0002	Loylia	Thomas
S12849135	0002	John	Lee
S1345234	0004	Green	Jack
*			

Category Letter	Item	Points Earned
*		

**Add Student:**

Student ID:

Section #:

First Name:

Last Name:

**Add Grade:**

Category:

Item:

Points Earned:

Note: \*All of the students' final grades will be recalculated every time you open the Student form.

To view a Student's current Final Grade, you may scroll to the right on the List of Students GridView:

The screenshot shows the 'Student Viewer' application window. The 'List of Students' table now includes a 'Final Grade' column. The first row shows a grade of 0, the second row shows 47.8, and the third row shows 0. The 'Add Student' and 'Add Grade' forms are identical to the previous screenshot.

Section Number	First Name	Last Name	Final Grade
0001	Shahd	Zaki	0
0002	Loylia	Thomas	47.8
0002	John	Lee	0
*			

Category Letter	Item	Points Earned
*		

**Add Student:**

Student ID:

Section #:

First Name:

Last Name:

**Add Grade:**

Category:

Item:

Points Earned:

To add grades to a particular student, make sure you have the student's grades open. Then choose out of the following available categories, add the remaining required information, and press Add Grade.

The screenshot shows a window titled "Student Viewer" with a standard Windows interface (minimize, maximize, close buttons). The window is divided into two main sections. The left section, titled "List of Students", contains a table with the following data:

ID	Section Number	First Name	Last Name
S12345678	0001	Shahd	Zaki
S13579135	0002	Loyla	Thomas
S12849135	0002	John	Lee
S1345234	0004	Green	Jack
*			

Below this table is a "Student Grades:" section with another table:

Category Letter	Item	Points Earned
L	2	50
A	2	80
E	1	96
L	3	70
*		

The right section of the window contains two forms. The top form, titled "Add Student:", has input fields for "Student ID:" (S1345234), "Section #:" (0004), "First Name:" (Jack), and "Last Name:" (Green), followed by an "Add Student" button. The bottom form, titled "Add Grade:", has a "Category:" dropdown menu (set to "Labs"), an "Item:" input field (3), and a "Points Earned:" input field (70), followed by an "Add Grade" button.

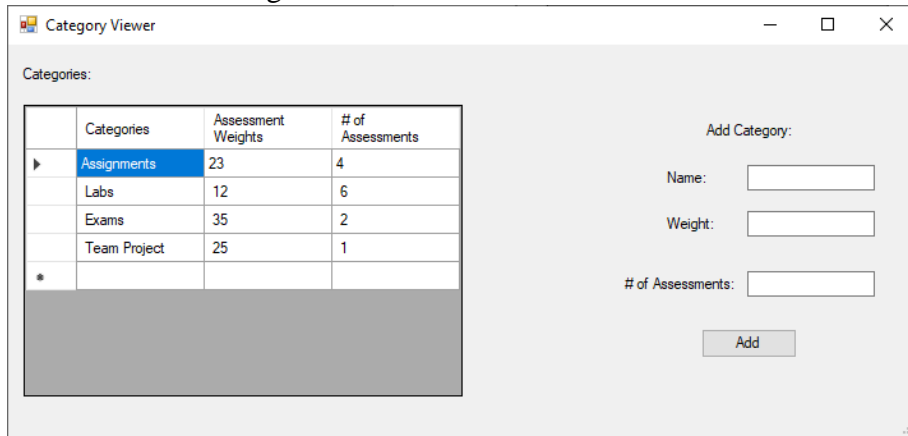
**Note:**

Every time you add a new grade, the final grades will be recalculated.

**\*Item and Points Earned HAVE to be numbers**

### 3.3 Selecting Categories Button

If you press the categories button, this form will pop up, showing all current Categories and their overall weights to the course, and how many of each category has to be done during the course.



Category Viewer

Categories:

	Categories	Assessment Weights	# of Assessments
▶	Assignments	23	4
	Labs	12	6
	Exams	35	2
	Team Project	25	1
*			

Add Category:

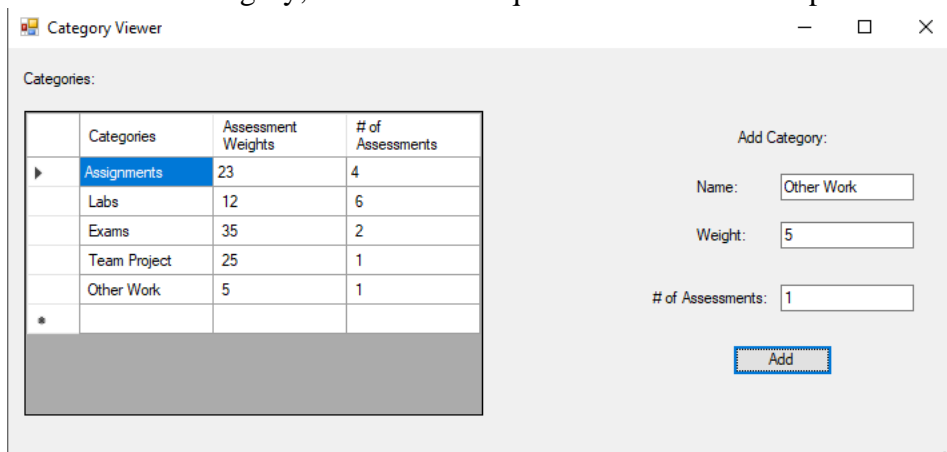
Name:

Weight:

# of Assessments:

Add

To add a new category, insert all the required information and press Add.



Category Viewer

Categories:

	Categories	Assessment Weights	# of Assessments
▶	Assignments	23	4
	Labs	12	6
	Exams	35	2
	Team Project	25	1
	Other Work	5	1
*			

Add Category:

Name:

Weight:

# of Assessments:

Add

Note:

\*Name cannot include a first letter that is similar to any other category

\*Weight and # of Assessments HAVE to be numbers

\*Sum of Weight cannot exceed 100

## 4 Conclusion

If the application is having any issues that is out of the developers reach, please contact the developers in order to troubleshoot that problem. By doing so, it will help the developers to make the application more robust and improve it overall.

Thank you for using the application!

-Developers~