

Teacher's Guide to using MARCONI

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Parametric Studio

Getting Started

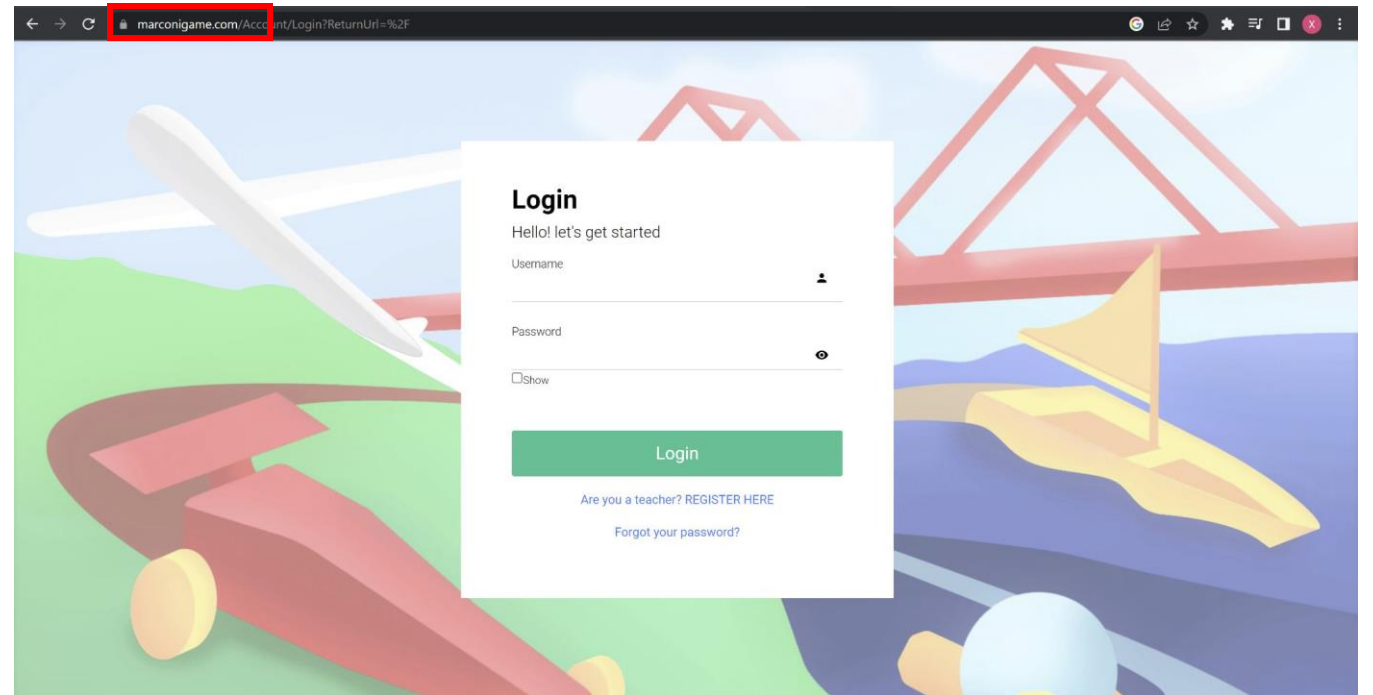


1. To make an account within MARCONI, start by reaching out to salesandsupport@parametricstudioinc.com with your first and last name, preferred contact email address, and then what type of account (Teacher User or Student User) you would like to make
2. Within one to two business day, a representative will respond back with your account information (*i.e.* username and password), directions for how to access your account, and directions for how to use your account and how to access and use projects within MARCONI

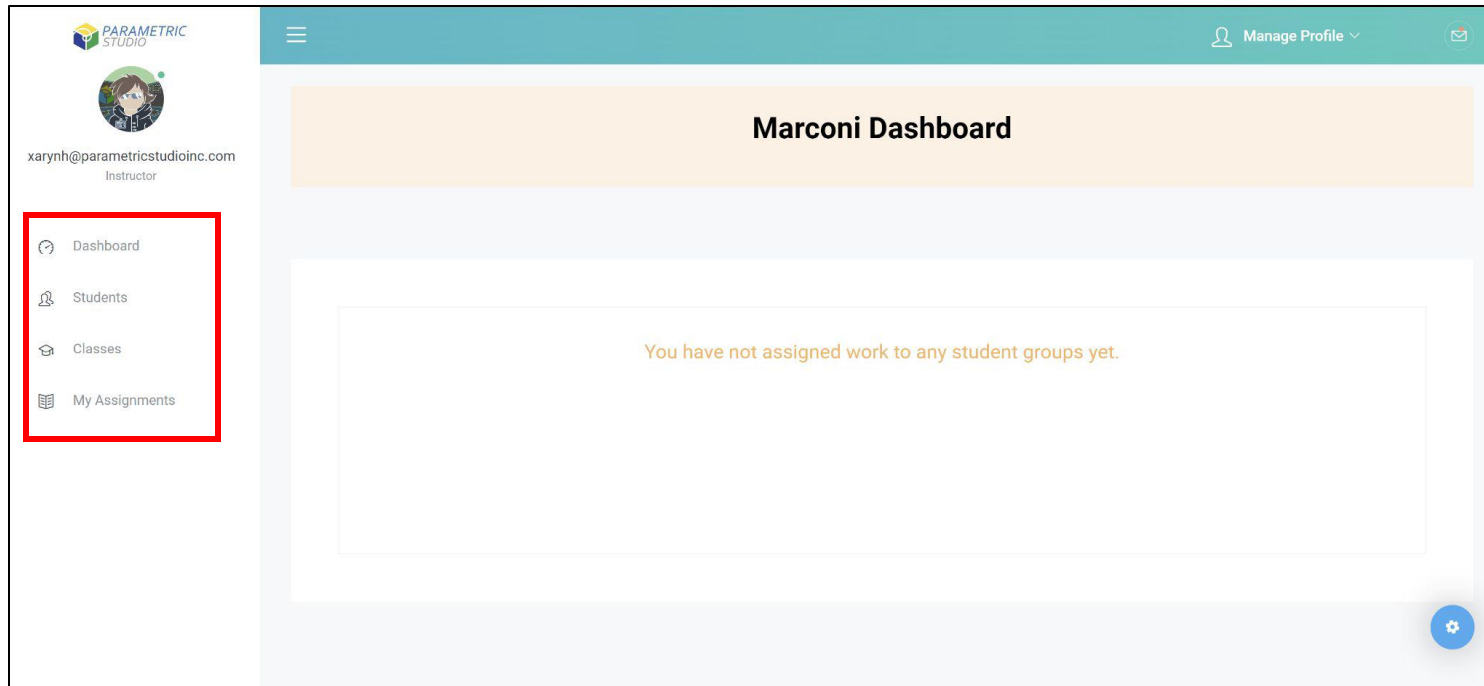
Accessing MARCONI: Login Page



1. In the address bar of your browser, type marconigame.com to access the MARCONI Login Page (see image on the right)
2. Login using your Username (Email) and Password that you were provided



Instructor Dashboard

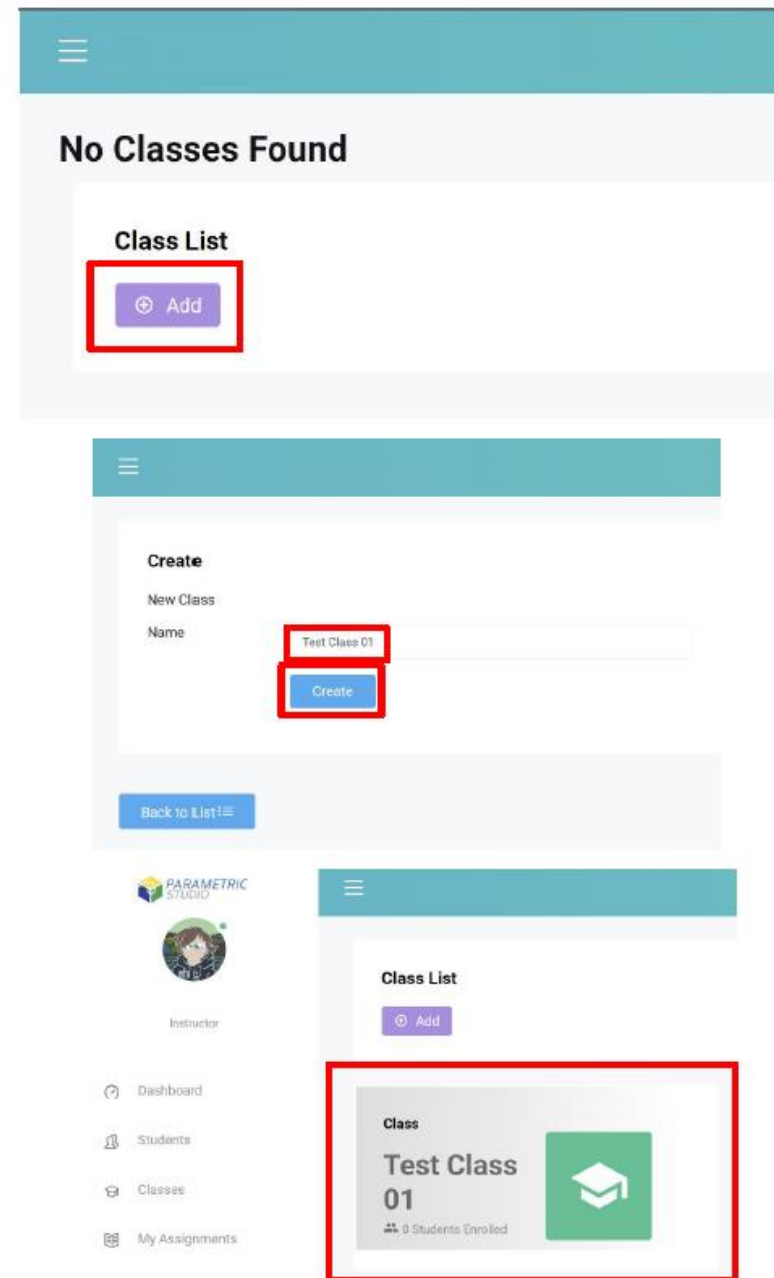


Once you login, you should enter the MARCONI Dashboard. On the left, you find Dashboard, Students, Classes, and My Assignment tabs.

- **Dashboard** will lead your right back to the MARCONI Dashboard
- **Students** will send you to your list of students you have within all your classes; you can add/remove students in this tab
- **Classes** will send you to your list of classes you have created/have access to; you can add/remove classes in this tab
- **My Assignments** will send you to your list of assignments you have created/have access to; you can add/remove your own assignments in this tab.

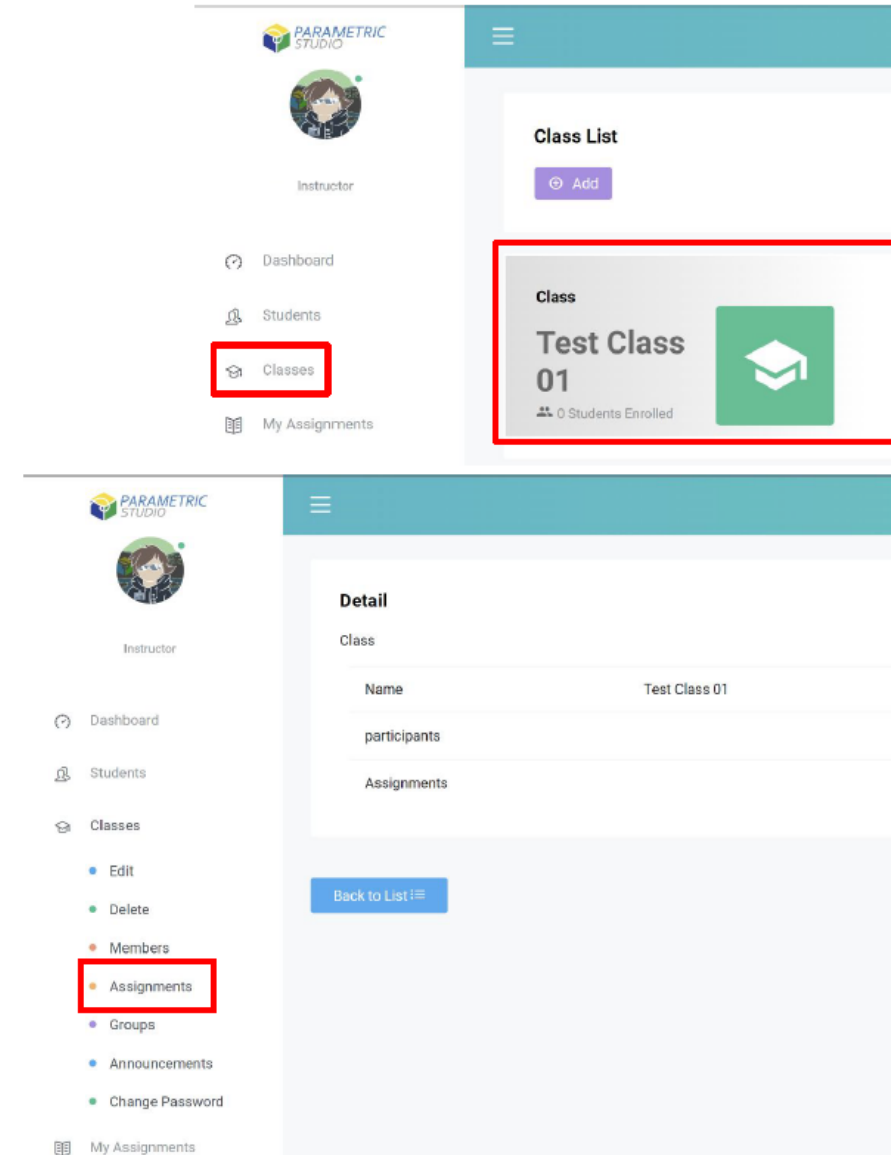
Creating a Class

1. Go to the Classes tab
2. Select the Add Button
3. Create a New Class Name
4. Select the Create button
5. Your new class will now show within the Class List



Adding a Project to Your Class (1)

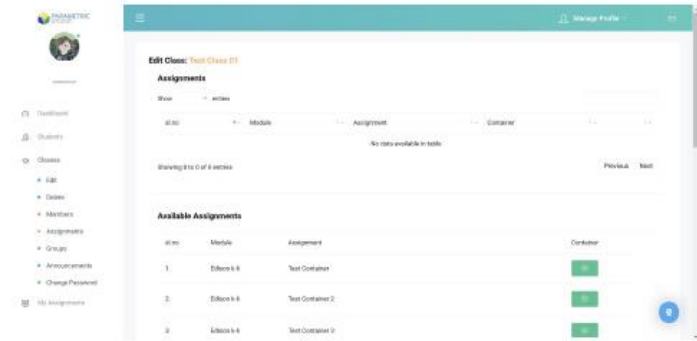
1. Enter the Classes Tab and select the class you want to add a project to
2. Under the Classes Tab, a new set of tabs should have appeared. Select the Assignments Tab.



Adding a Project to Your Class (2)



3. The Assignments Tab should look something like the first image on the right
4. Scroll through the available Assignments until you find the one you want to add to your class (ex: ANSYS Test Greenhouse Design Project). Select the Green+ button to add the project to your class
5. Now under the Assignment prompt, you will find the project you selected



7.	Edison k-6	Test Container 8	
8.	Edison k-6	Tunnel Green House	
9.	Edison k-6	USDA Greenhouse project - Statistics	
10.	Edison k-6	Arm APEX STEM Club	
11.	Edison k-6	USDA High Tunnel Greenhouse - Boone Physics	
12.	Edison B-12	ANSYS Test Greenhouse Design Project	
13.	Edison k-6	USDA High Tunnel Greenhouse - Boone EDGE Advantage	
14.	Edison k-6	USDA High Tunnel Greenhouse - Boone AP Physics	
15.	Edison B-12	Bericia High School CTE	

Edit Class: Test Class 01


Assignments

Show entries

sl.no	Module	Assignment	Container
1.	Edison B-12	ANSYS Test Greenhouse Design Project	ANSYS Test Greenhouse Design Project

Creating a Group (1)

1. Enter the Classes Tab and select the class you want to add a group to
2. Under the Classes Tab, select the Groups Tab



Group List

[Add](#)

Show entries

Search

Name	Group Code
Showing 1 to 1 of 1 entries	

Previous 1 Next

Create

New Group

Name

Group Code

Please choose a unique code. It will be used by students to join this group.

[Create](#)

Group List

[Add](#)

Show entries

Search

Name	Group Code	
Test Group 01	TG01	Edit Delete Details

Showing 1 to 1 of 1 entries

Previous 1 Next

Creating a Group (2)

3. The Groups Tab should look something like the first image
4. Select the Add button
5. Create a New Group Name
6. Create a Group Code (your students will use this code to join the group)
7. Select the Create Button
8. Now under the Group List, you will find the group you created

The image shows two screenshots of a web application interface for creating and managing groups.

Top Screenshot: 'Group List' and 'Create' forms

- Group List:** A table with columns 'Name' and 'Group Code'. It shows 'Showing 1 to 1 of 1 entries'. A red box highlights the 'Add' button (a purple circle with a plus icon) in the top left.
- Create:** A form with two input fields: 'Name' (containing 'Test Group 01') and 'Group Code' (containing 'TG01'). A red box highlights the 'Create' button (a blue rectangle) at the bottom. A warning message below the code field reads: 'Please choose a unique code. It will be used by students to join this group.'

Bottom Screenshot: 'Group List' table

- The 'Group List' table now contains one entry: 'Test Group 01' with 'Group Code' 'TG01'. A red box highlights the entire row.
- Below the row are three buttons: 'Edit' (pencil icon), 'Delete' (trash icon), and 'Details' (info icon).
- The 'Add' button is still visible in the top left.

Creating Student(s)

1. Go to the Students Tab; it should look something like the first image on the right
2. Select the Add button
3. Create a New Student by adding their First Name, Last Name, Student Email, create a generic Password, and select which Grade they are in
4. Select the Create button
5. Your new student will now show within the Student List

The image shows two screenshots of the Parametric Studio interface. The top screenshot displays the 'Students List' page, which indicates 'No Students Found'. A red box highlights the 'Add' button. The bottom screenshot shows the 'Create' form for adding a new student. A red box highlights the input fields for First Name, Last Name, Email, Phone Number, New password, Confirm new password, and Grade. Another red box highlights the 'Create' button. The bottom screenshot also shows the 'Students List' page after the student has been added, with the new student's information (Test, Student 01, TestStudent01@gmail.com) visible in the table, highlighted by a red box.

Students List

No Students Found

Show entries

	First Name	Last Name	Email		
No data available in table					

Showing 0 to 0 of 0 entries

Create

New Student

First Name	<input type="text" value="Test"/>
Last Name	<input type="text" value="Student 01"/>
Email	<input type="text" value="TestStudent01@gmail.com"/>
PhoneNumber	<input type="text"/>
New password	<input type="password" value=""/>
Confirm new password	<input type="password" value=""/>
Grade_Id	<input type="text" value="Ten"/>

Students List

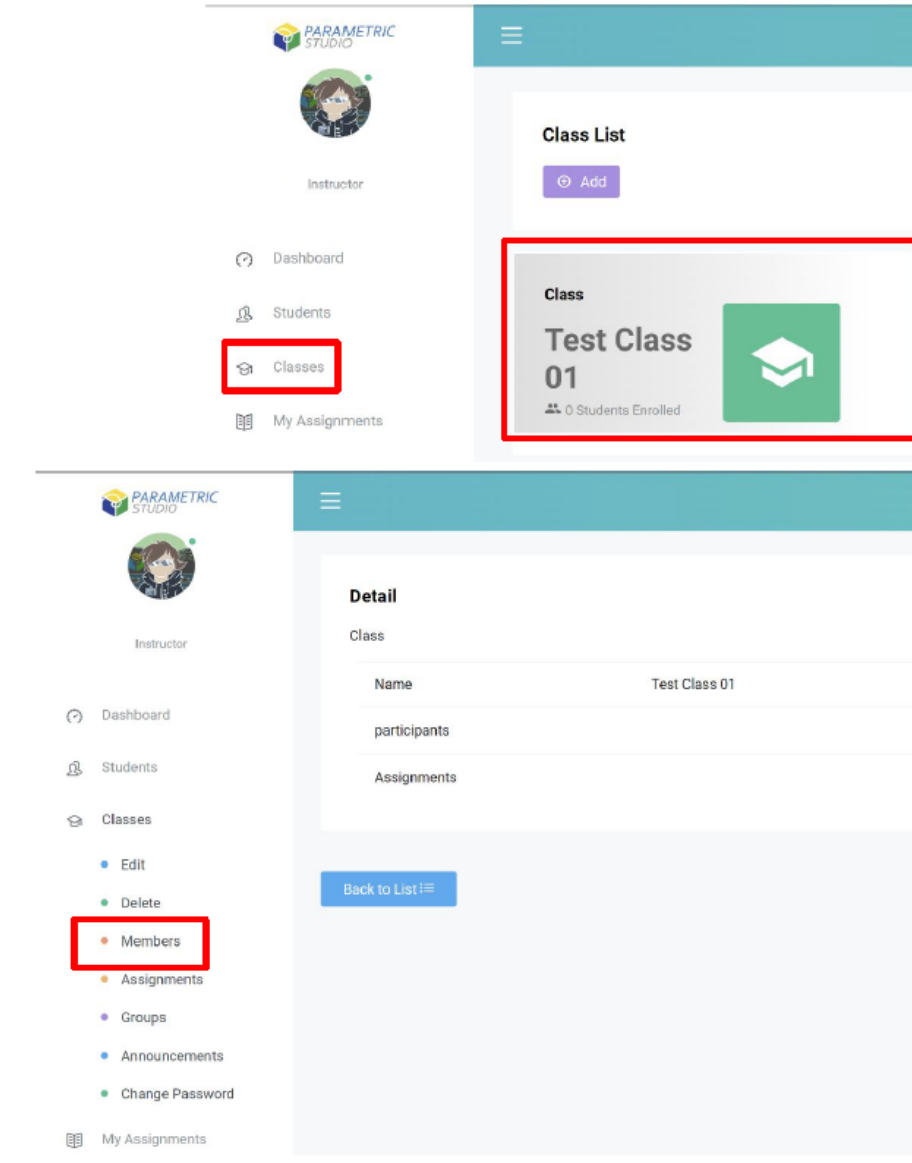
Show entries

	First Name	Last Name	Email		
<input type="checkbox"/>	Test	Student 01	TestStudent01@gmail.com	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Showing 1 to 1 of 1 entries

Adding Student(s) to a Class (1)

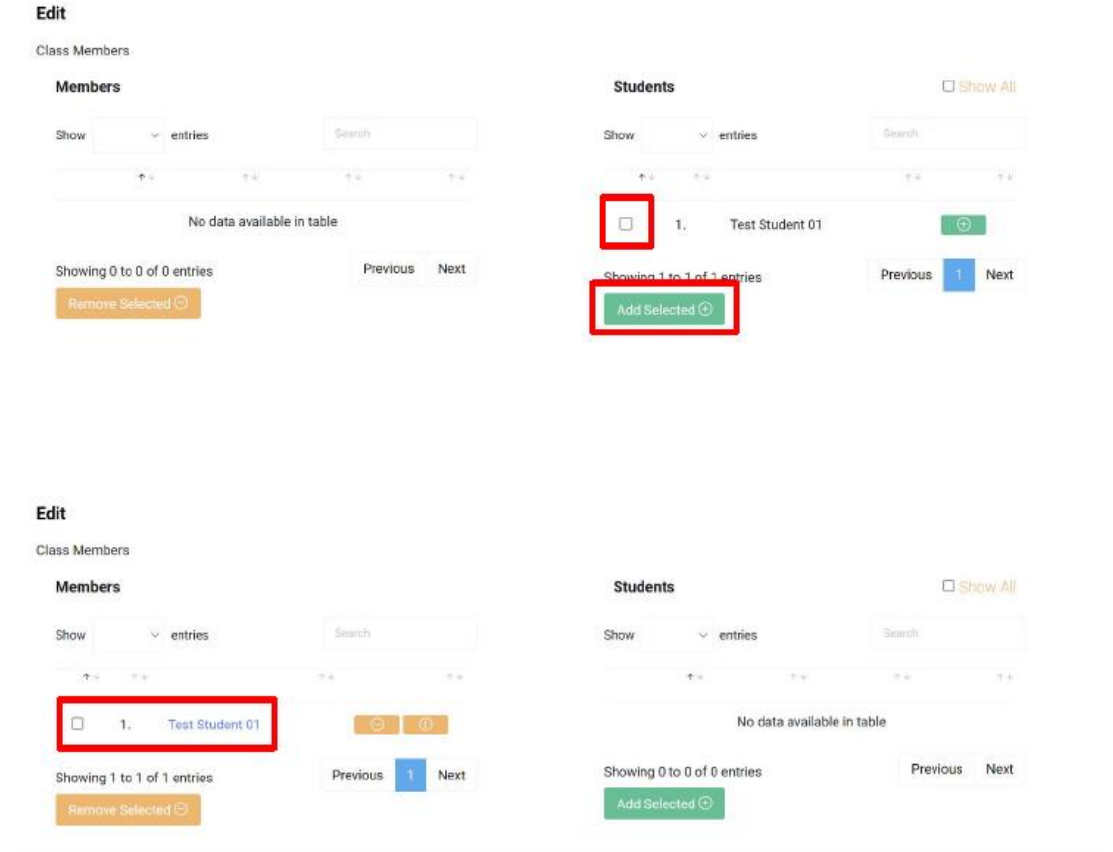
1. Enter the Classes Tab and select the class you want to add a student to
2. Under the Classes Tab, select the Members Tab



Adding Student(s) to a Class (2)



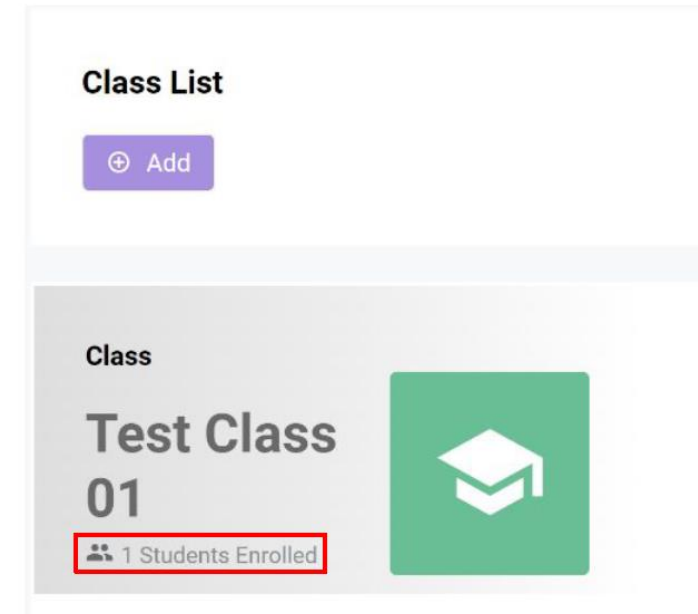
3. All the students that you added within the Students Tab should appear under the Student Section. Checkmark all the students you want to add to the class
4. Select the Add Selected (+) button to add the students to the class
5. The student(s) you add(ed) should now appear under the Member section



Adding Student(s) to a Class (3)



6. Now you should see, when you go back to the class list, that there is a student enrolled in the class



Adding Student(s) to a Group (1)



1. Enter the Classes Tab and Select the class you want to add a student to
2. Under the Classes Tab, select the Group Tab

Adding Student(s) to a Group (2)



3. Select the Edit button of the group you want to add the student to
4. Select the Edit Members button once you enter the edit group window

Group List

[+ Add](#)

Show entries

Search

Name	Group Code	
Test Group 01	TG01	Edit Delete Details

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

Edit

Group

Name

Group Code

Participants

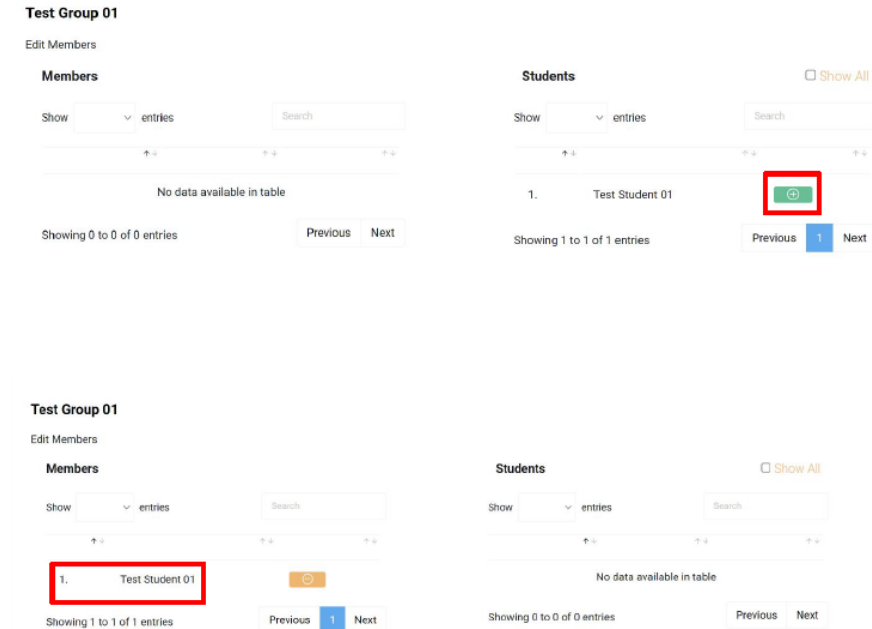
[Save](#)

[Back to List](#) [Edit Members](#)

Adding Student(s) to a Group (3)



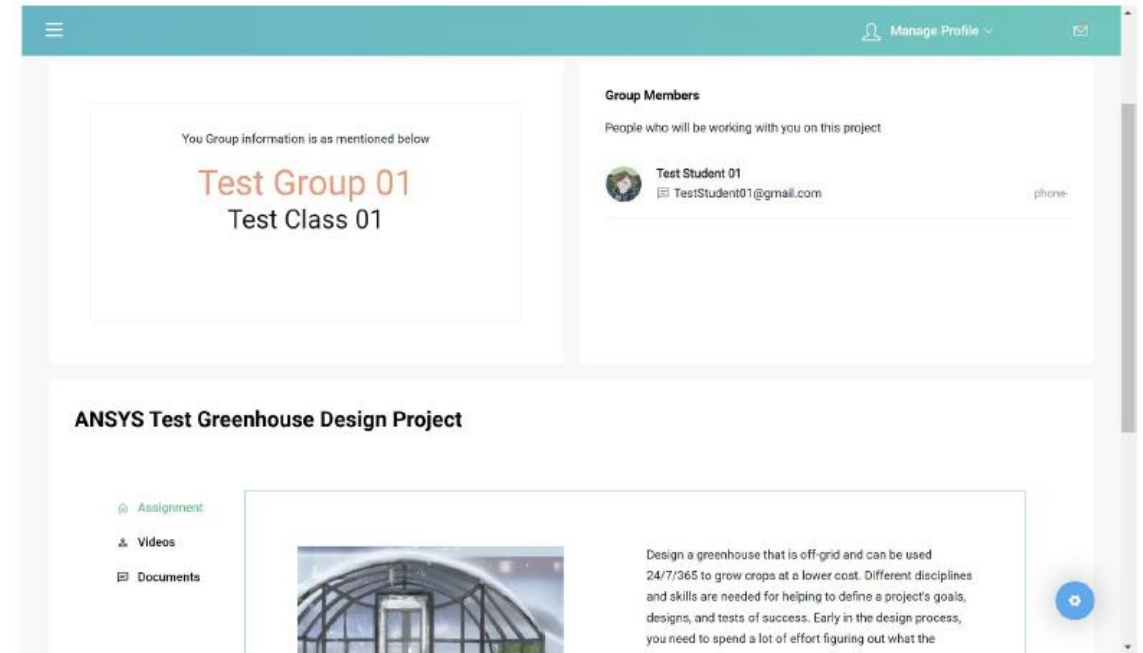
5. Under the Student section, it will list all the students added to the class. Select the + button to add the students to the group
6. Once added, the students will appear under the Members section in the group



Dashboard View



After you add Classes, Students, Groups, Projects, *etc.* and return to the Dashboard, it will display all the content you have added. At any time, you may return to the Classes, Students, Groups, Projects, *etc.* and edit/delete them as needed





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Document Information

This lecture unit is part of a set of teaching resources to help introduce students to structures and heat transfer using Ansys Discovery and Parametric Studio

Ansys Education Resources

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If you notice any errors in this resource or need to get in contact with the authors, please email us at education@ansys.com