

ISKolarly

User's

Manual

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LIST OF DEPENDENCIES

FOR localhost:

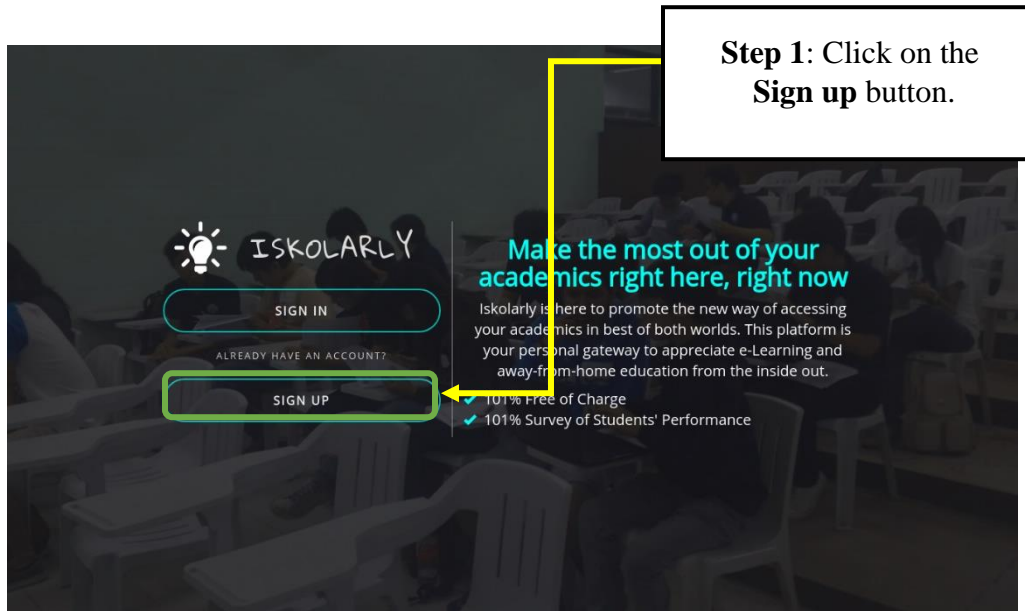
- i. Node version 9.x.x (for BCrypt support)**
- ii. npm package manager** – used to install packages and dependencies to make the web application locally available
- iii. Redis Server and Redis Client** – used for session handling and storing
- iv. MySQL** – the RDBMS used for the schema for the web application
- v. R-Base (R programming language)** – the programming language used for the implementation of the pattern mining of the web application
- vi. Modern web browsers and their latest updates** – this dependency is considered to make sure that the web application will run smoothly.

FOR DEPLOYED WEB APPLICATION

- NOTHING but a latest web browser to support and use the full functionality of the web application

A. Instructor Module

1. Creating an account

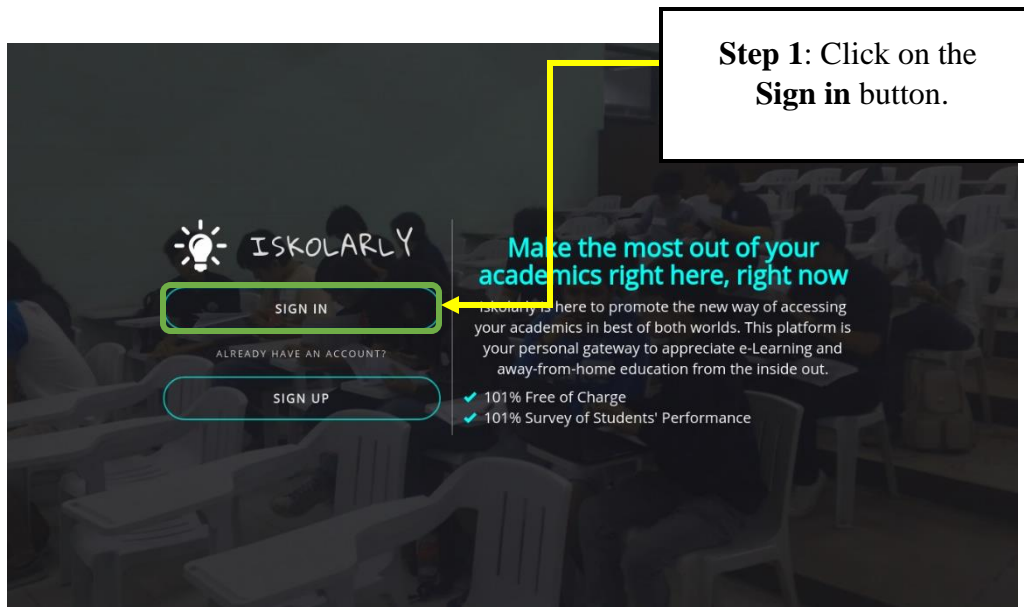


The screenshot shows the "Sign Up" form. It has fields for "First Name", "Middle Name", "Last Name", "Birthdate", "Email address", "Username", "Password", and "Re-enter Password". Each field has a placeholder text and a green checkmark icon. Below the form, there is a section "You're a" with two radio buttons: "Student" and "Instructor". The "Instructor" radio button is selected and highlighted with a green border. At the bottom left, there are two buttons: "Sign up" and "Cancel". A yellow arrow points from the "Instructor" radio button to a text box on the right. Another yellow arrow points from the "Sign up" button to a text box at the bottom.

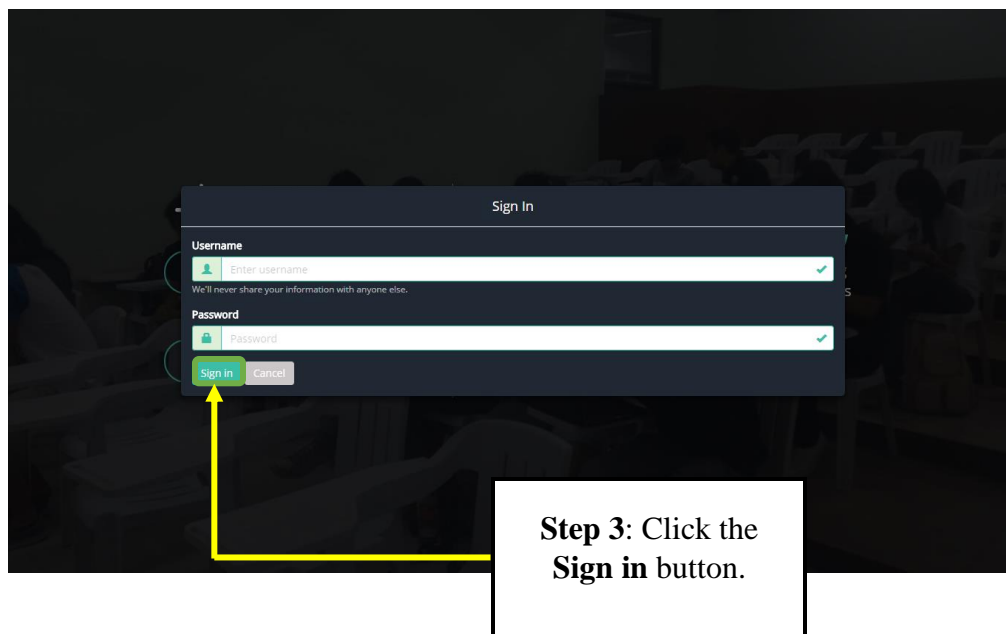
Step 2: Select as Instructor and fill up the form.

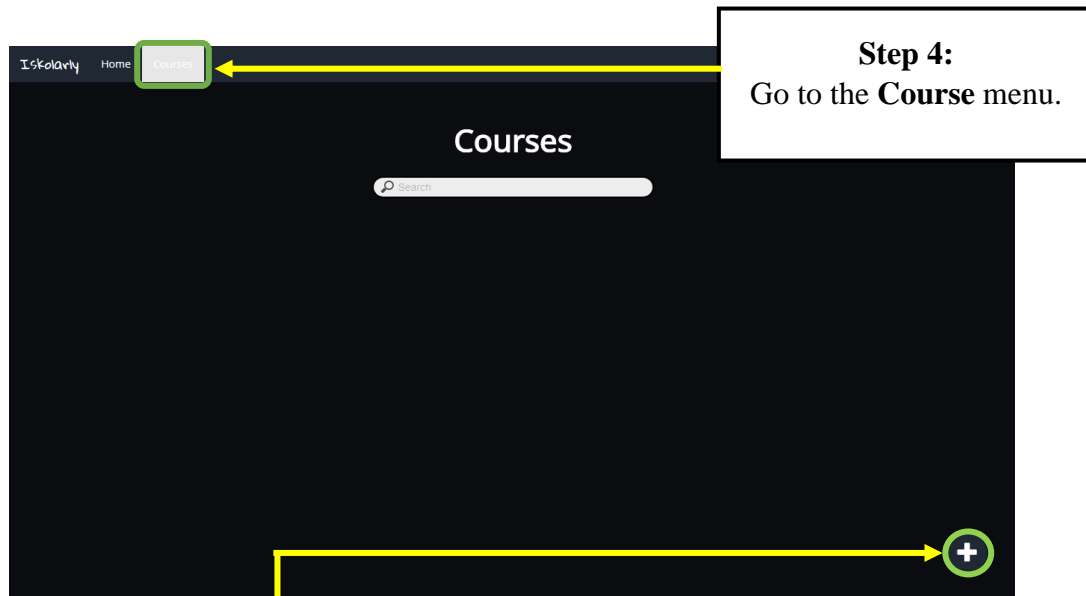
Step 3: Click the Sign up button.

2. Adding a course



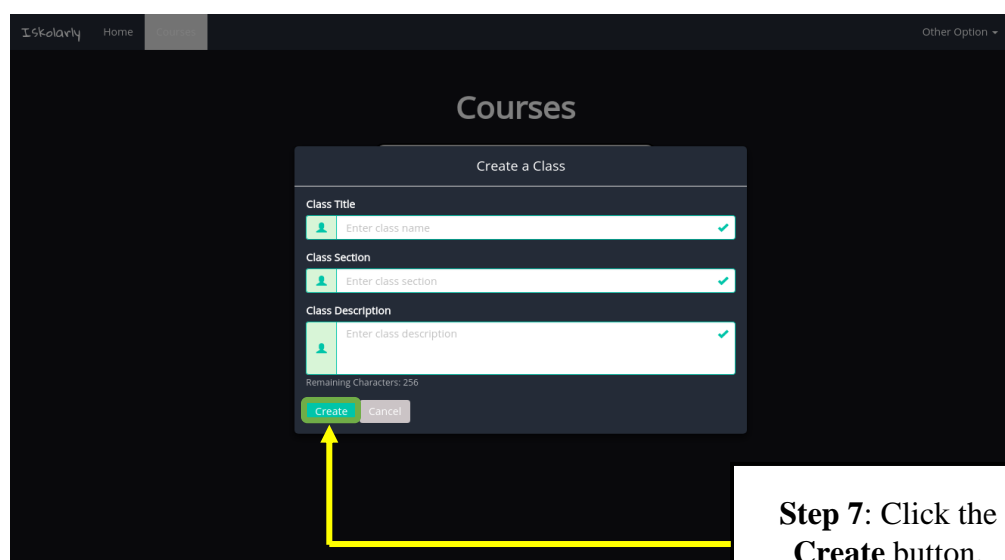
Step 2: Fill up the form using valid credentials.



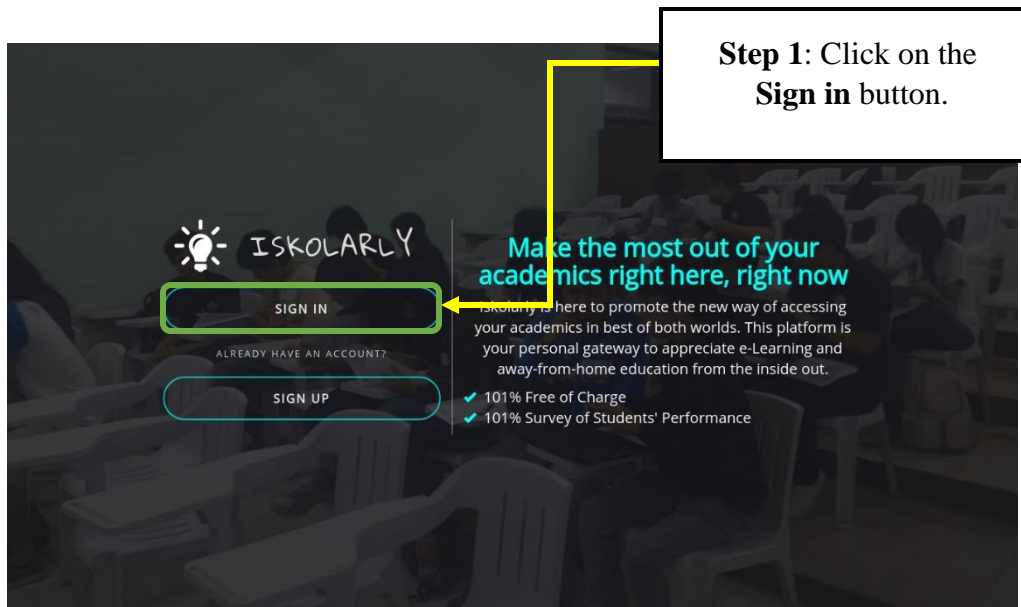


Step 5: Click the **Add icon** button.

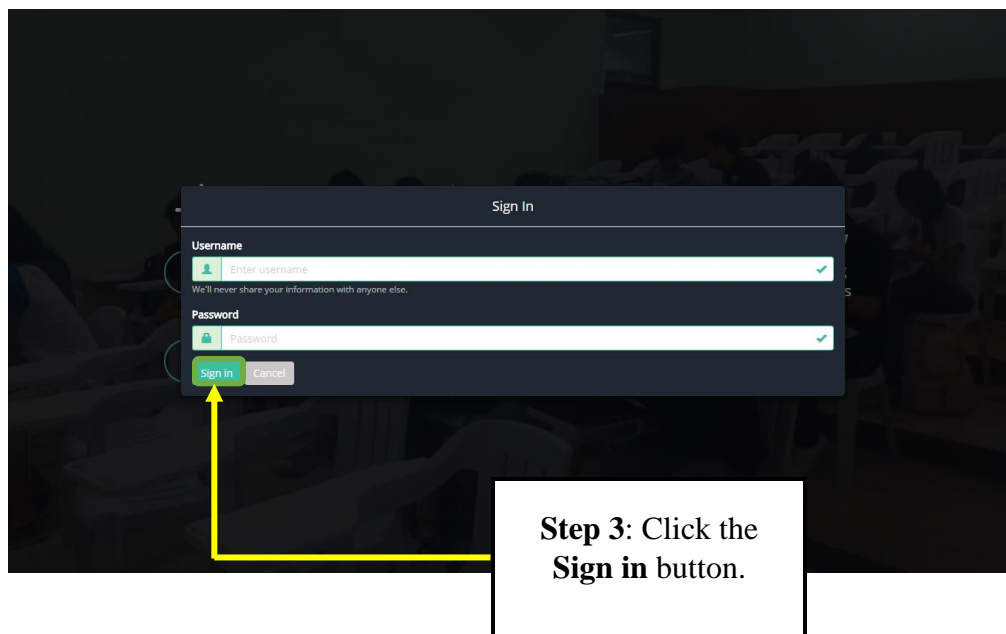
Step 6: Fill up the form.



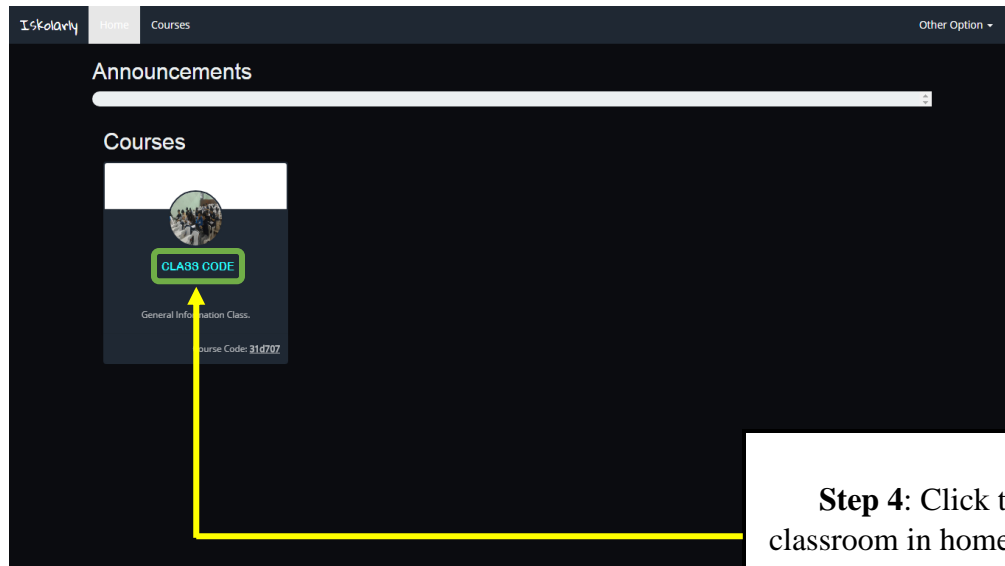
3. Creating posts or announcements, quizzes, and attachments



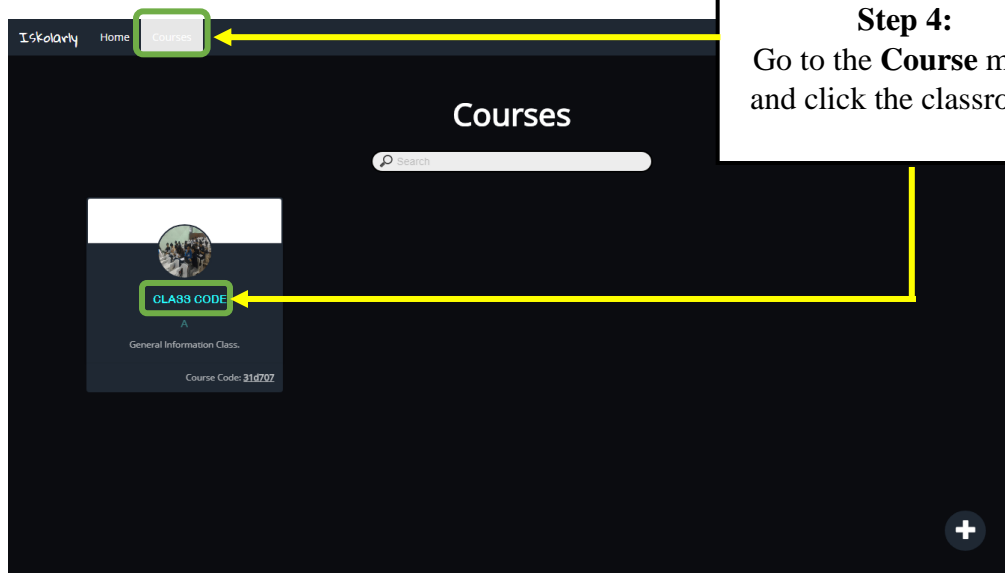
Step 2: Fill up the form using valid credentials.



Assuming that classroom is created. There are two ways to access the classroom; home menu and course menu.



Step 4: Click the classroom in home page.



Step 4:
Go to the **Course** menu
and click the classroom.

Steps in creating posts and announcements.

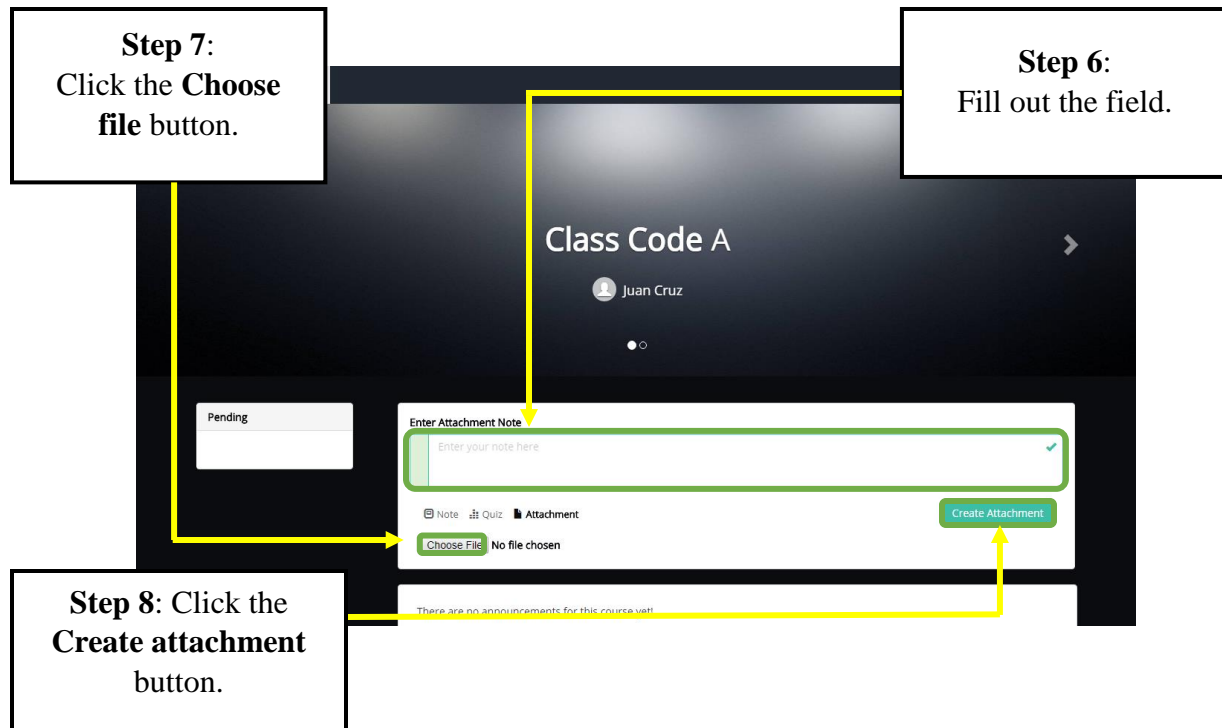
Step 5:
Click the **Note**.

Step 6:
Fill out the field.

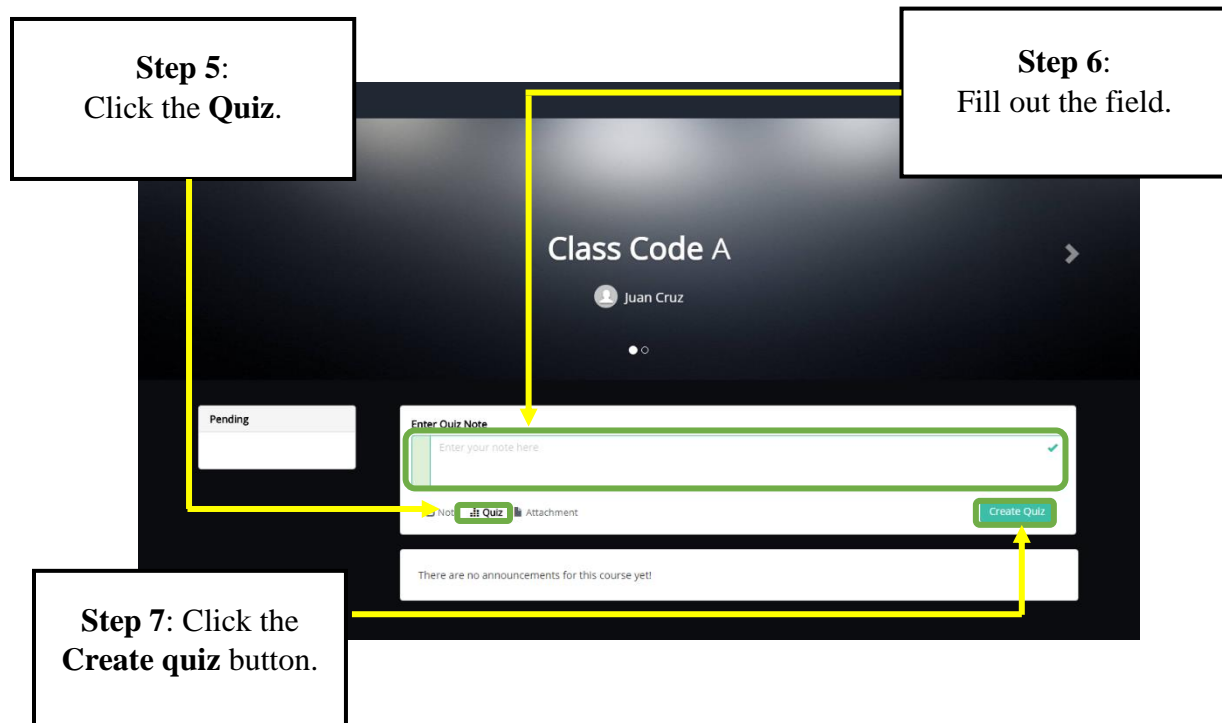
Step 7: Click the
Create note button.

Steps in creating attachments.

Step 5:
Click the **Attachments**.



Steps in creating quizzes.



Step 8: Fill up the form.

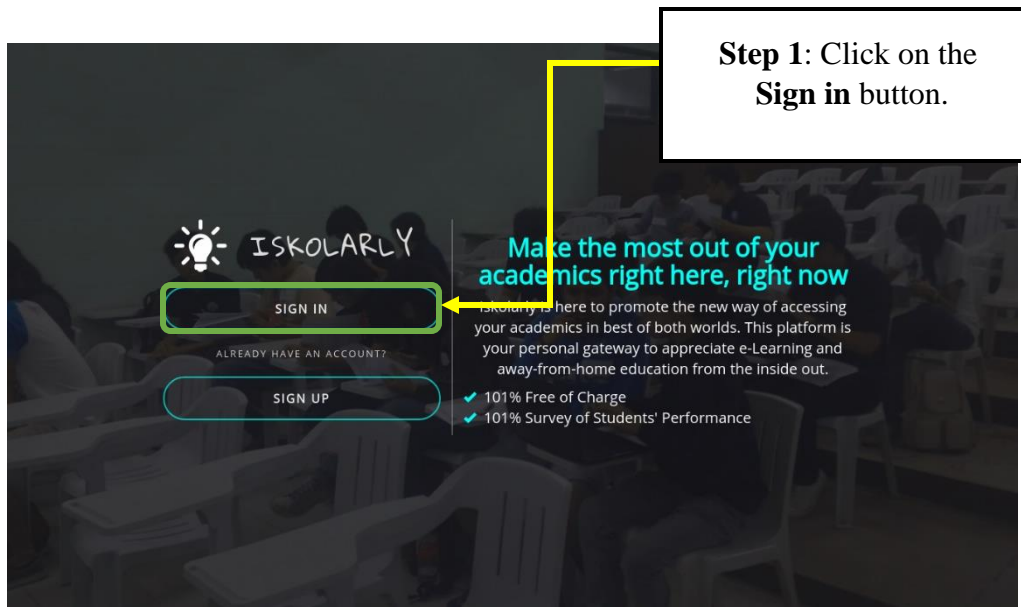
The screenshot shows the 'Quiz' form in the Iskolarly application. The form is titled 'Quiz' and contains the following fields:

- Quiz name:** A text input field with a placeholder 'Enter quiz name'.
- Add description:** A text area with a placeholder 'Add description here' and a character count 'Remaining Characters: 256'.
- Items:** A text input field with a placeholder 'Enter item name'.
- Start datetime:** A date and time picker.
- End datetime:** A date and time picker.

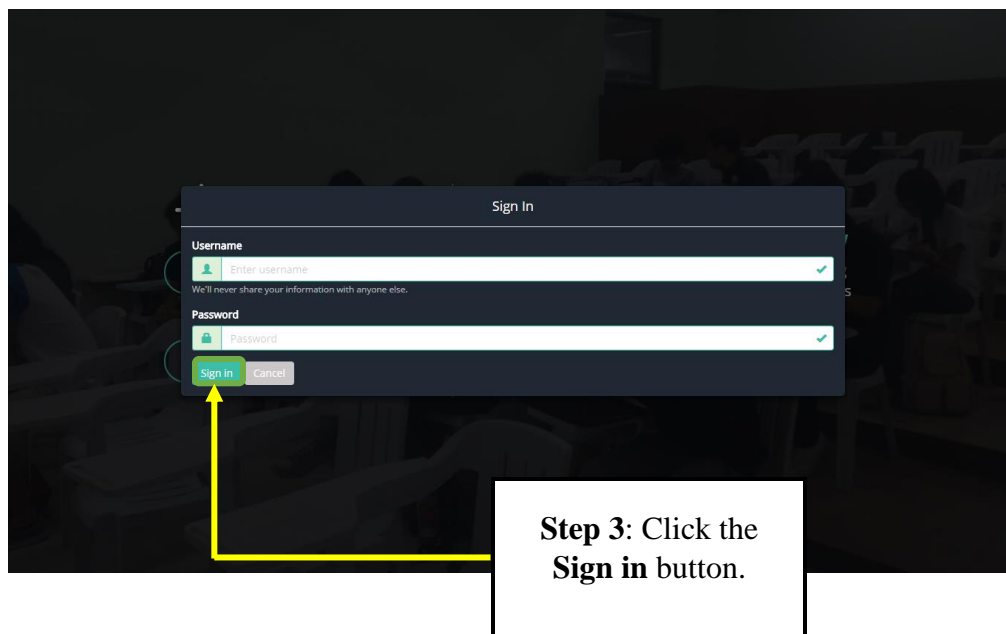
At the bottom of the form, there are two buttons: 'Submit' and 'Cancel'. A yellow arrow points to the 'Submit' button. To the right of the form, there is a 'Create Quiz' button and a 'Pending' status indicator.

Step 9: Click the **Submit** button.

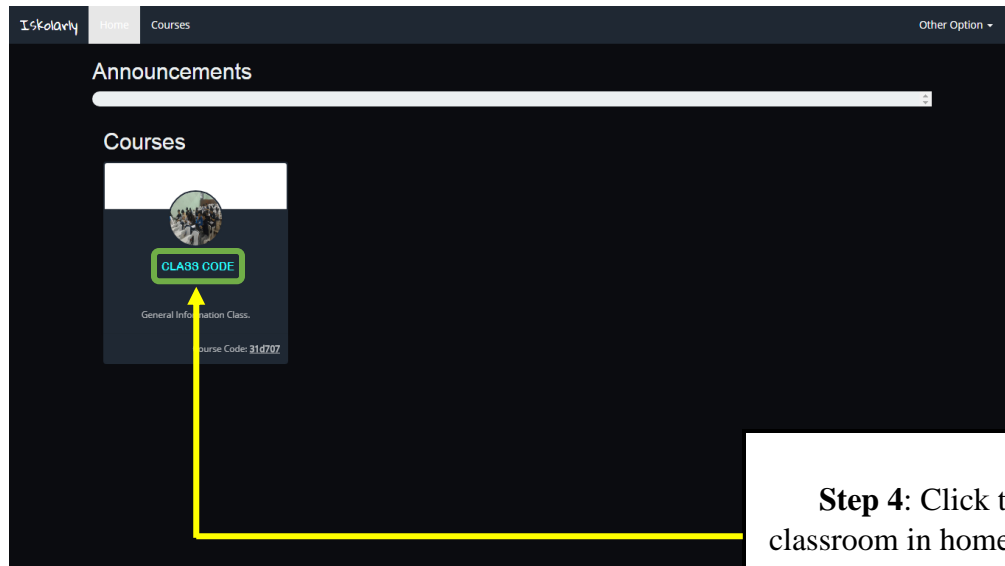
4. Creating questionnaires



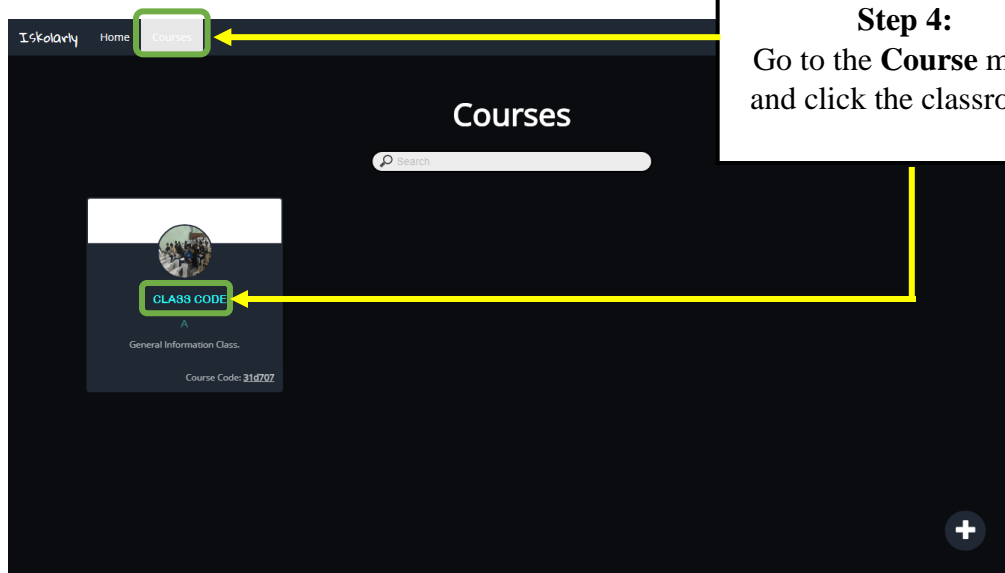
Step 2: Fill up the form using valid credentials.



Assuming that classroom is created. There are two ways to access the classroom; home menu and course menu.

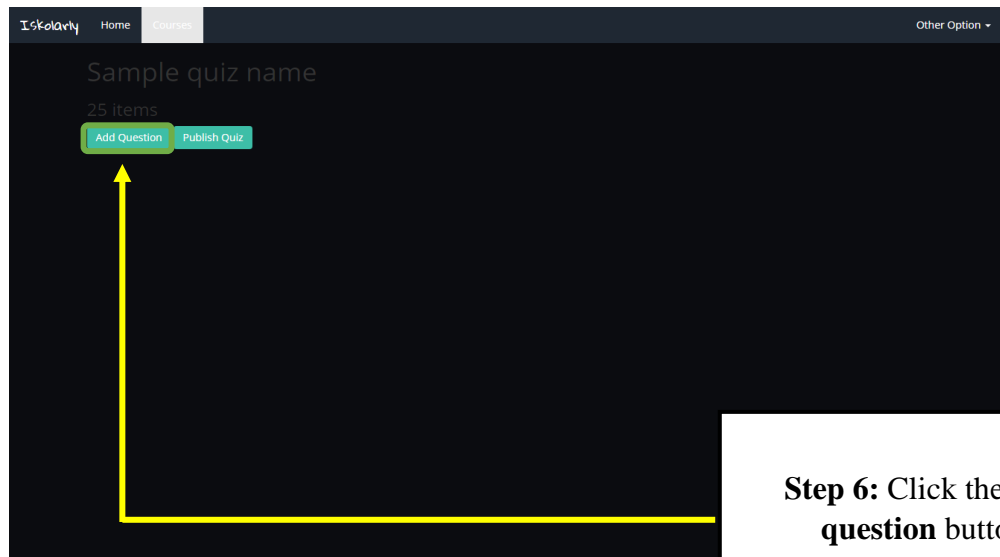


Step 4: Click the classroom in home page.



Step 4:
Go to the **Course** menu
and click the classroom.

Step 5: Assuming that quiz is created. Click the quiz post.



Step 6: Click the **Add question** button.

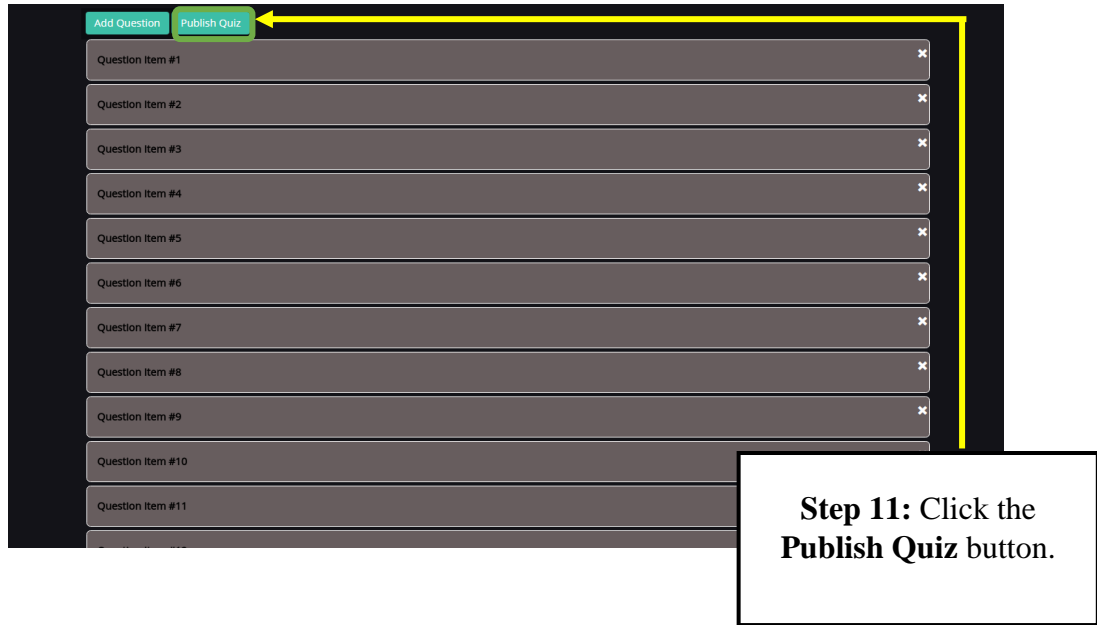
Step 7: Choose whether the choices are plain text or images.

Step 8: Fill the question field.

The screenshot shows the 'Question' form in Iskolarly. The 'Answer Type' dropdown is set to 'Text'. The 'Question' field is empty. The 'Answers' section has a table with columns 'Answers' and 'Right', and a '+' icon to add more answers. The 'Submit' button is highlighted with a green box, and a yellow arrow points to it from the bottom left.

Step 10: Click the **Submit** button.

Step 9: Fill the answer field. Click the **add icon** to add another answer field.

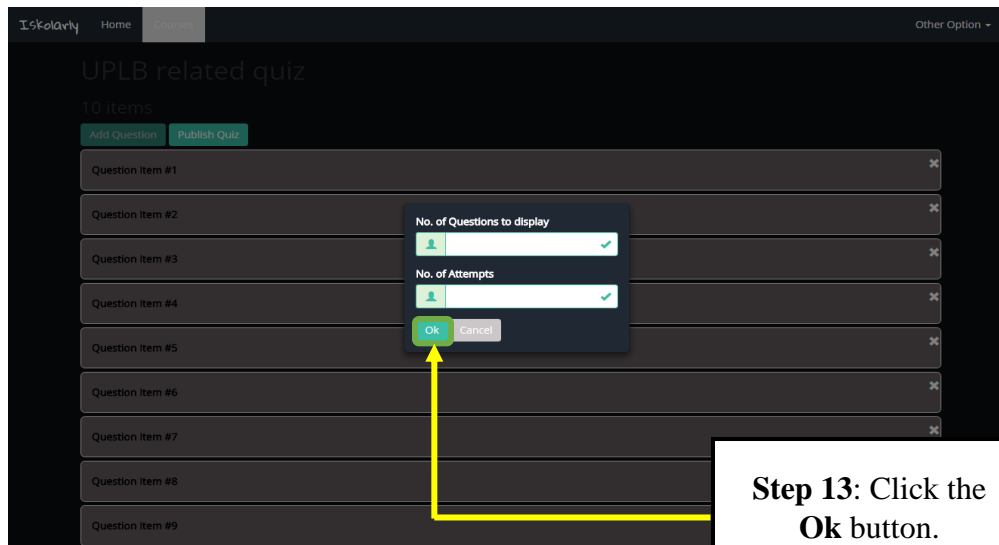


Add Question Publish Quiz

Question Item #1
Question Item #2
Question Item #3
Question Item #4
Question Item #5
Question Item #6
Question Item #7
Question Item #8
Question Item #9
Question Item #10
Question Item #11

Step 11: Click the **Publish Quiz** button.

Step 12: Fill up the form.



Iskolarky Home Quiz Other Option -

UPLB related quiz

10 items

Add Question Publish Quiz

Question Item #1
Question Item #2
Question Item #3
Question Item #4
Question Item #5
Question Item #6
Question Item #7
Question Item #8
Question Item #9

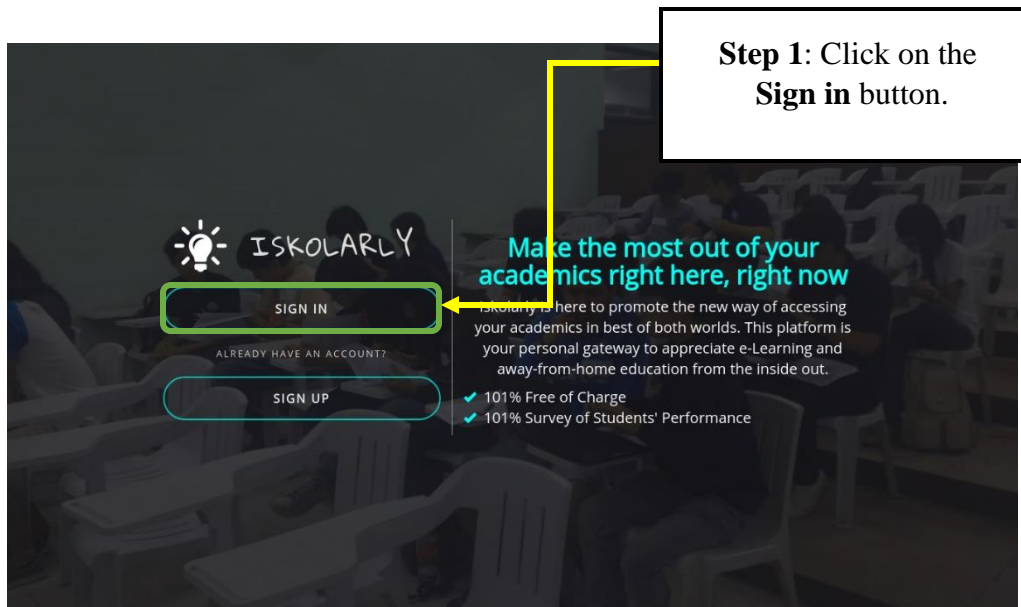
No. of Questions to display

No. of Attempts

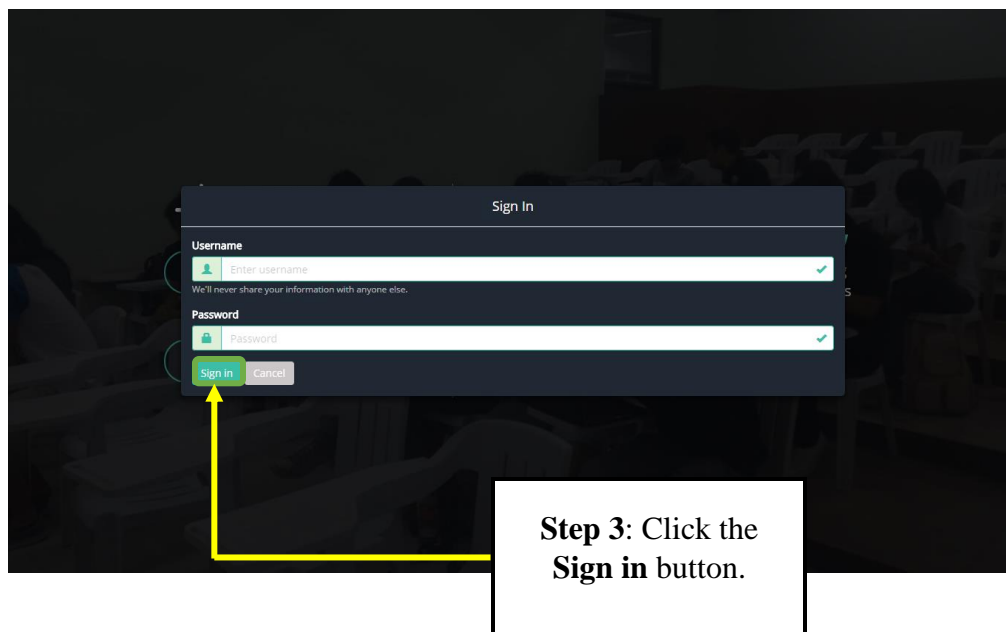
Ok Cancel

Step 13: Click the **Ok** button.

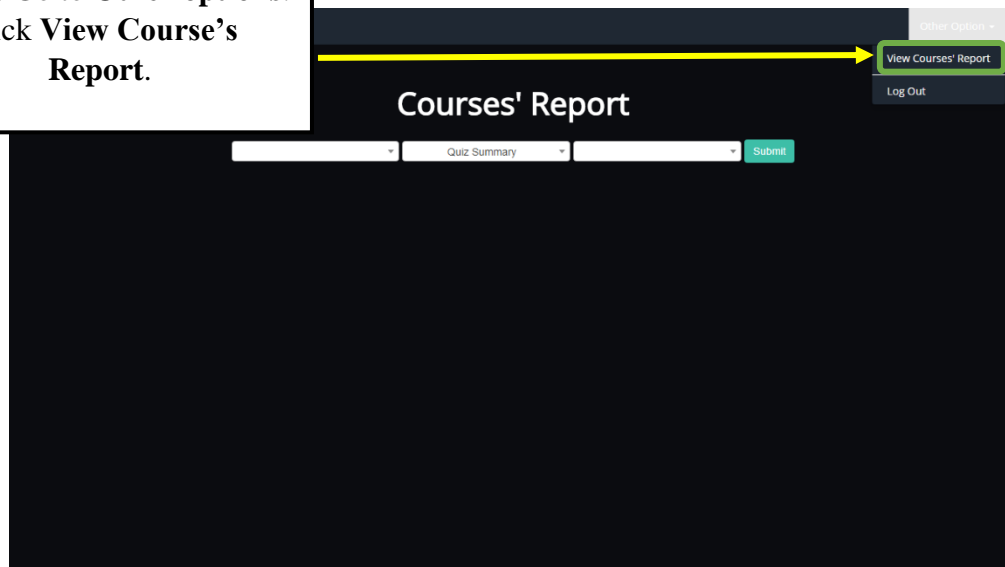
5. Checking of reports



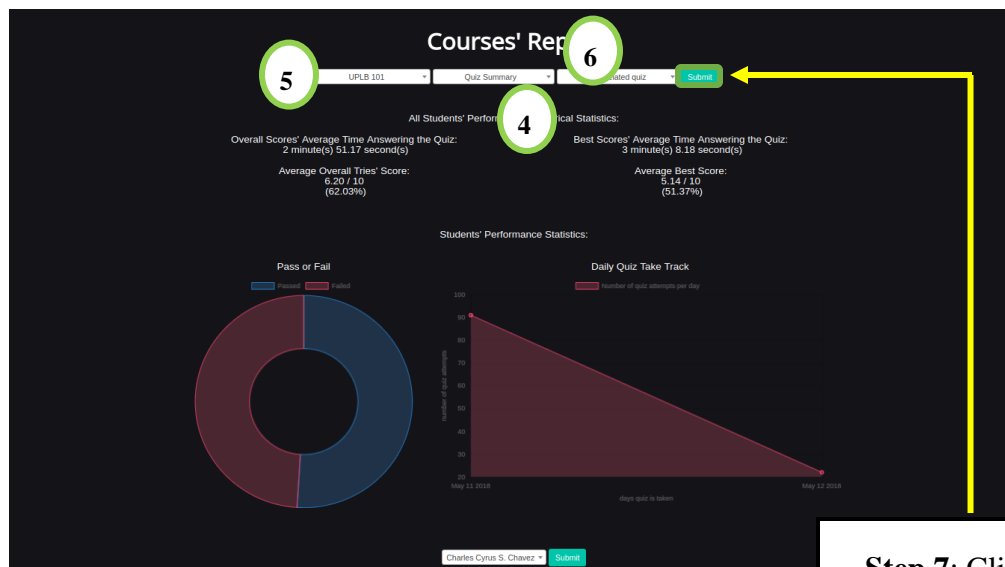
Step 2: Fill up the form using valid credentials.



Step 3: Go to Other options.
Click **View Course's Report.**

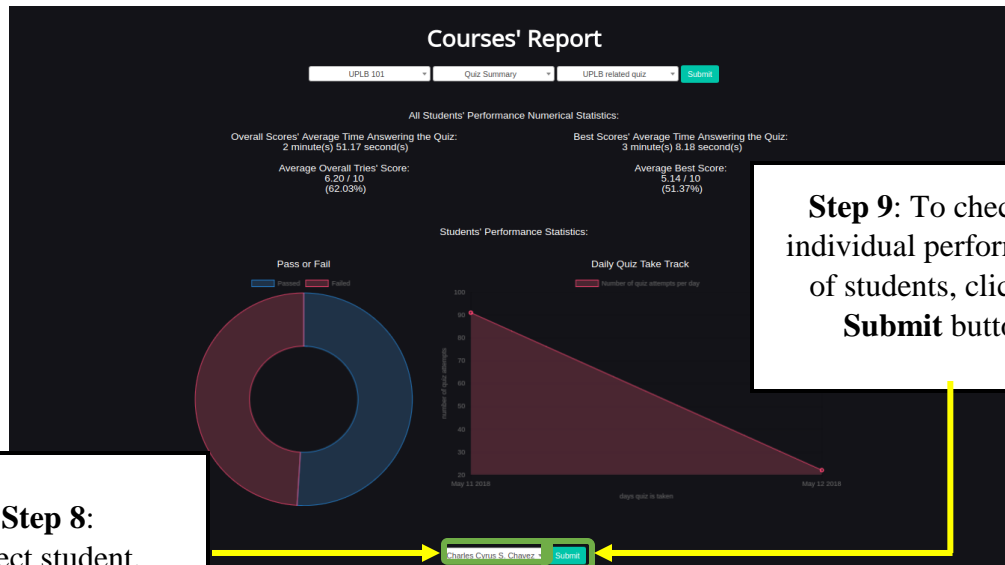


For Quiz Summary Report.



Step 4: Select Quiz Summary.
Step 5: Select in the course.
Step 6: Select the quiz name.

Step 7: Click the Submit button.



Step 9: To check the individual performances of students, click the **Submit** button.

Step 8: Select student.

For Activity Log of Finished Quizzes Report.

Courses' Report

UPLB 101 Activity Log of Finished Quizzes **Submit**

Export Logs to Spreadsheet Generate Behavioral Pattern(s)

ID	Date	Activity	Quiz No	Question No	Username	Time Viewed	Time Answered	Time Started	Time Ended	IP Address
5	May 11 2018	Quiz Started	1		chacychavez			1:7:37 AM		202.92.144.250
6	May 11 2018	Question Viewed	1	5	chacychavez	1:7:38 AM				202.92.144.250
7	May 11 2018	Question Viewed	1	5	chacychavez	1:7:48 AM				202.92.144.250
8	May 11 2018	Question Viewed	1	5	chacychavez	1:7:49 AM				202.92.144.250
9	May 11 2018	Question Viewed	1	10	chacychavez	1:8:03 AM				202.92.144.250
10	May 11 2018	Question Viewed	1	10	chacychavez	1:8:04 AM				
11	May 11 2018	Question Viewed	1	10	chacychavez	1:8:05 AM				

Step 6: Click the **Submit** button.

Step 4: Select Quiz Summary.
Step 5: Select in the course.

The screenshot shows the 'Courses' Report page with a dark blue header. The main content area has a white background. At the top, there's a navigation bar with 'Iskolary', 'Home', 'Courses', and 'Other Option'. Below this, the title 'Courses' Report' is centered. Under the title, there are two dropdown menus: 'UPLB 101' and 'Activity Log of Finished Qui...'. To the right of these is a green 'Submit' button. Below the dropdowns, there are two buttons: 'Export Logs to Spreadsheet' and 'Generate Behavioral Pattern(s)'. A yellow arrow points from the 'Export Logs to Spreadsheet' button to the table below. Another yellow arrow points from the 'Generate Behavioral Pattern(s)' button to the table below. The table has 11 columns: ID, Date, Activity, Quiz No, Question No, Username, Time Viewed, Time Answered, Time Started, Time Ended, and IP Address. The table contains 10 rows of data.

ID	Date	Activity	Quiz No	Question No	Username	Time Viewed	Time Answered	Time Started	Time Ended	IP Address
5	May 11 2018	Quiz Started	1		chacychavez			1:7:37 AM		202.92.144.250
6	May 11 2018	Question Viewed	1	5	chacychavez	1:7:38 AM				202.92.144.250
7	May 11 2018	Question Viewed	1	5	chacychavez	1:7:48 AM				202.92.144.250
8	May 11 2018	Question Viewed	1	5	chacychavez	1:7:49 AM				202.92.144.250
9	May 11 2018	Question Viewed	1	10	chacychavez	1:8:03 AM				202.92.144.250
		swed	1	10	chacychavez	1:8:04 AM				
		swed	1	10	chacychavez	1:8:05 AM				

Step 8: To export the activity logs, click the **Export logs in spreadsheet.**

Step 7: To check behavioral patterns, click the **Generate Behavioral Pattern.**

For Scores for All Quizzes Report.

The screenshot shows the 'Courses' Report page with a dark blue header. The main content area has a white background. At the top, there's a navigation bar with 'Iskolary', 'Home', 'Courses', and 'Other Option'. Below this, the title 'Courses' Report' is centered. Under the title, there are two dropdown menus: 'UPLB 101' and 'Scores for All Quizzes'. To the right of these is a green 'Submit' button. Below the dropdowns, there is a button: 'Export Logs to Spreadsheet'. A yellow arrow points from the 'Submit' button to the table below. The table has 4 columns: Student Number, Student Name, Quiz 1, and Quiz 2. The table contains 15 rows of data.

Student Number	Student Name	Quiz 1	Quiz 2
123918293	SSSS, 123 456	10	0
201423699	Adricula, Franz Marquez	8	0
201433812	Angeles, Joan Caponpon	5	10
201448770	Anizapa, Jamaica May Ludovice	6	0
201422420	Bernabe, Allen Windel Villapando	7	0
201433540	Blas, June Vincent Ramos	10	10
201415287	Chavez, Charles Cyrus San Juan	7	10
201308197	de Guzman, Adriell Cabela	2	0
201457762	de Jesus, Alexandra Felicio	10	
201512242	de Leon, Owen John Chavez	8	
201500644	de Vera, Shamille Jane Lauren Lopez	8	
201566032	Delacruz, Dan G	3	

Step 4: Select Quiz Summary.
Step 5: Select in the course.

Step 6: Click the **Submit** button.

Iskolarly

Home

Courses

Other Option

Courses' Report

UPLB 101

Scores for All Quizzes

Submit

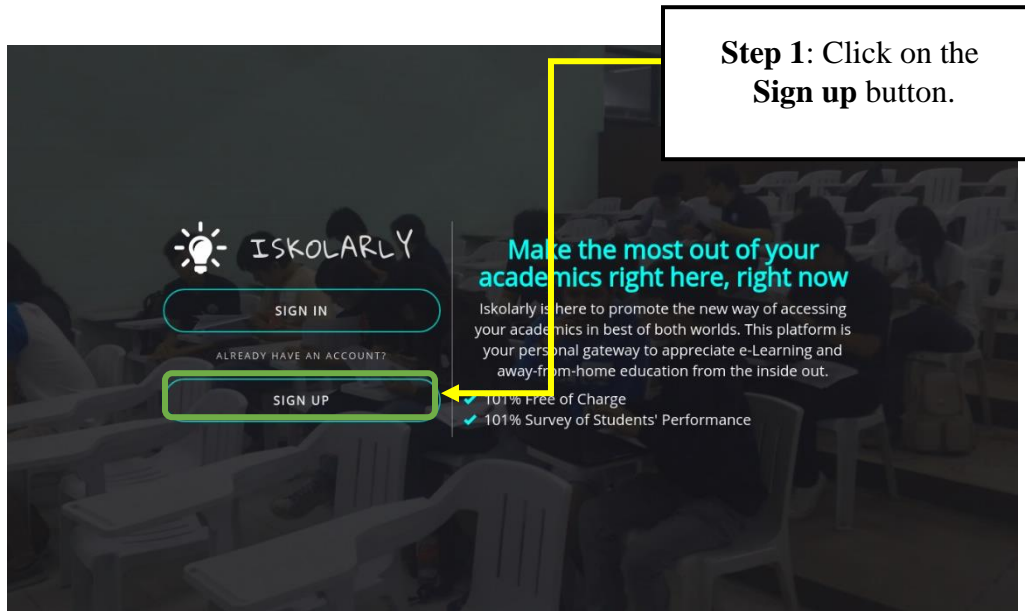
Export Logs to Spreadsheet

Student Number	Student Name	Quiz 1	Quiz 2
123918293	SSSS, 123 456	10	0
201423899	Adricula, Franz Marquez	8	0
201433812	Angeles, Joan Caponpon	5	10
201448770	Arizapa, Jamaica May Ludovice	6	0
201422420	Bernabe, Allen Windel Villapando	7	0
201433540	Blas, June Vincent Ramos	10	10
201415287	Chavez, Charles Cyrus San Juan	7	10
201308197	de Guzman, Adriell Cabela	2	0
	Jesus, Alexandra Felicio	10	0
	Leon, Owen John Chavez	8	0
	Vera, Shamilie Jane Lauren Lopez	8	0
	de Guzman, Dan G	3	0

Step 7: To export the scores, click the **Export logs in spreadsheet.**

B. Student Module

1. Creating an account

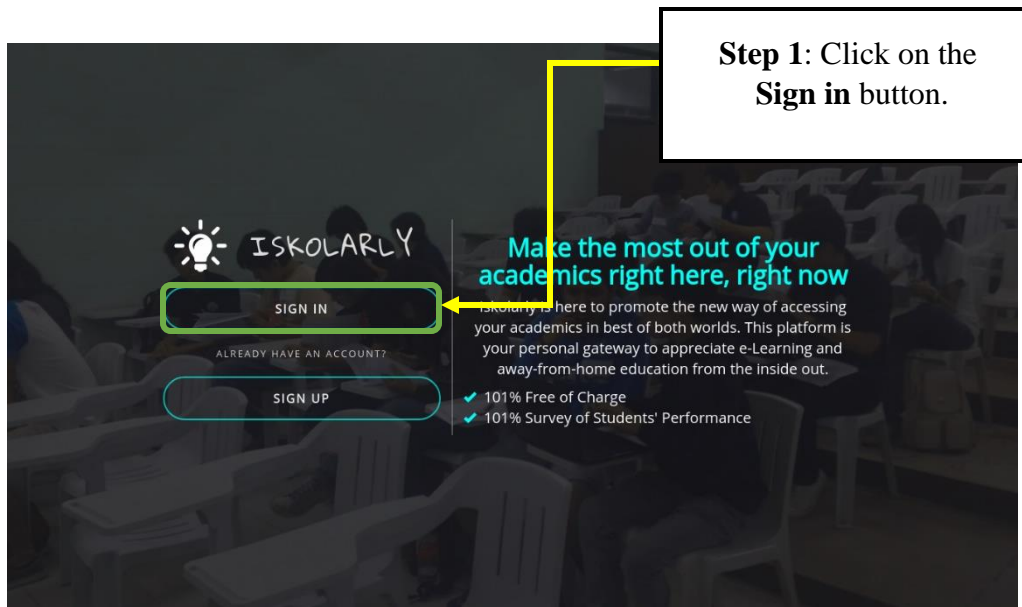


The screenshot shows the "Sign Up" form. It has several input fields: "First Name", "Middle Name", "Last Name", "Birthdate", "College", "Course", "Student Number", "Email address", "Username", "Password", and "Re-enter Password". Each field has a placeholder text and a green checkmark icon. Below the form, there is a section titled "You're a" with two radio buttons: "Student" and "Teacher". The "Student" radio button is selected and highlighted with a green border. A yellow arrow points from the "Student" radio button to a text box on the right. Another yellow arrow points from the "Sign up" button to a text box at the bottom.

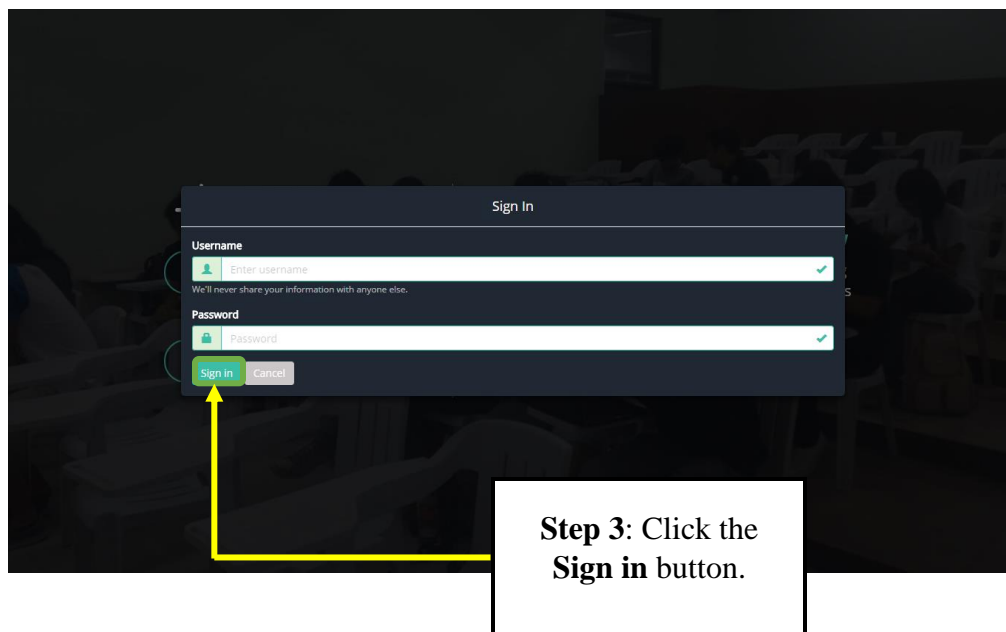
Step 2: Select as Student and fill up the form.

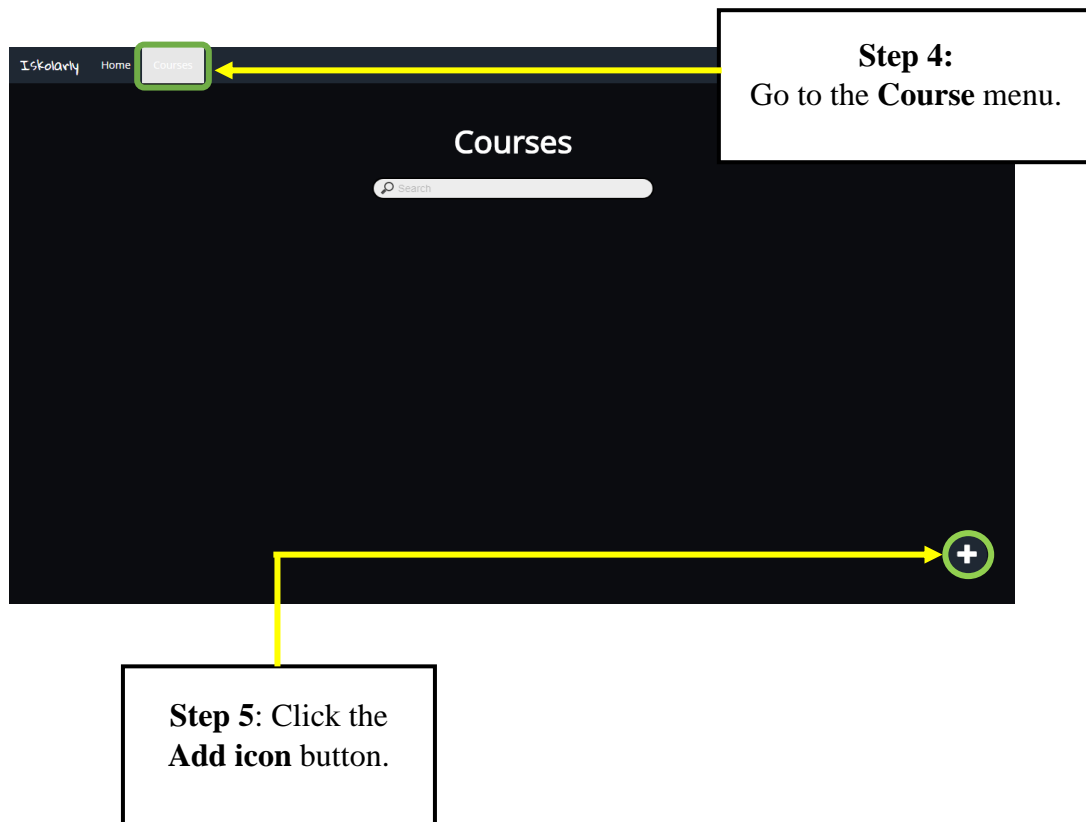
Step 3: Click the Sign up button.

2. Joining a course

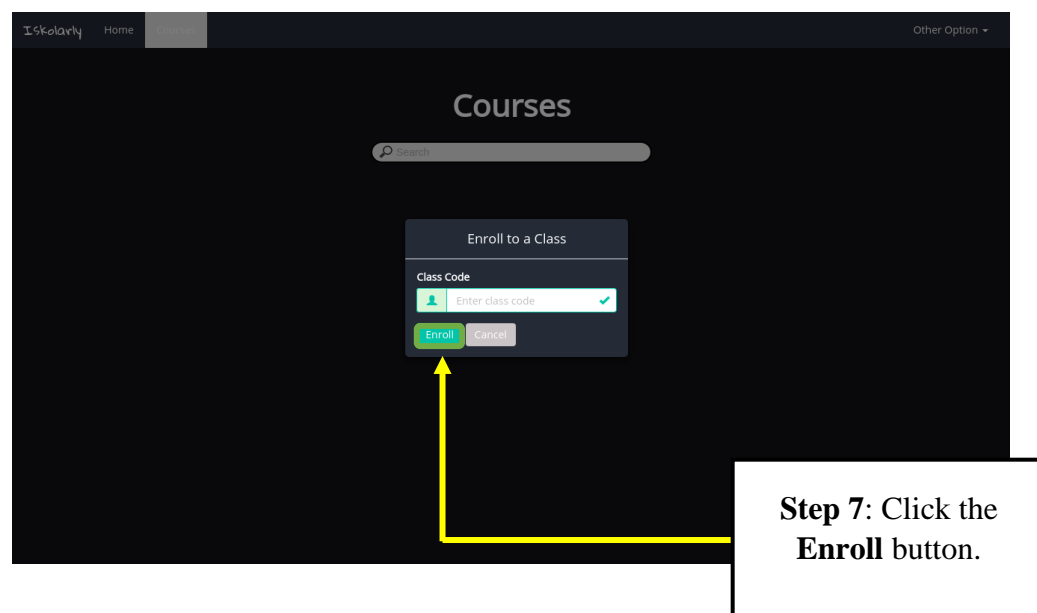


Step 2: Fill up the form using valid credentials.

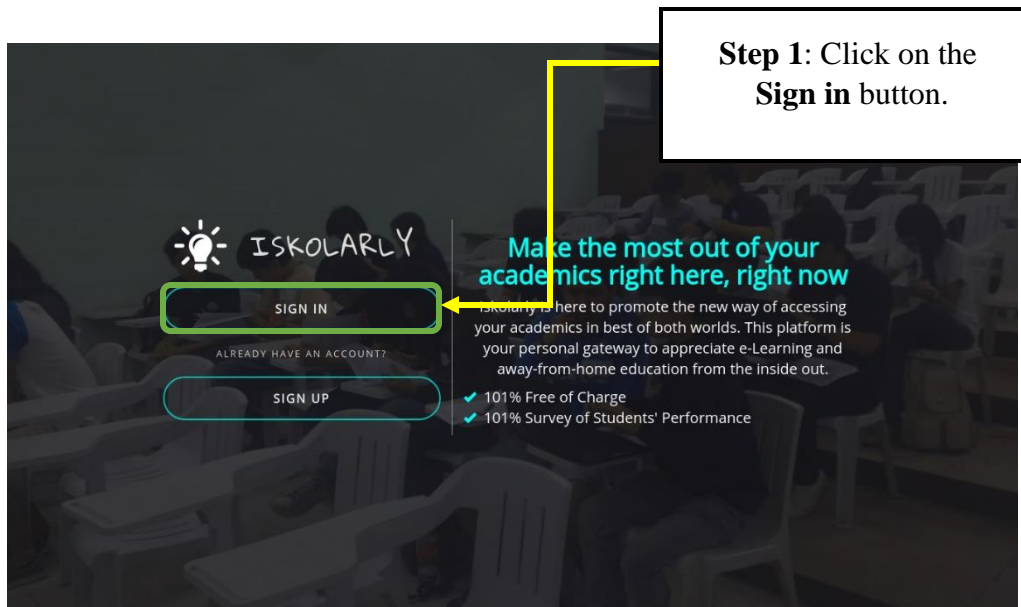




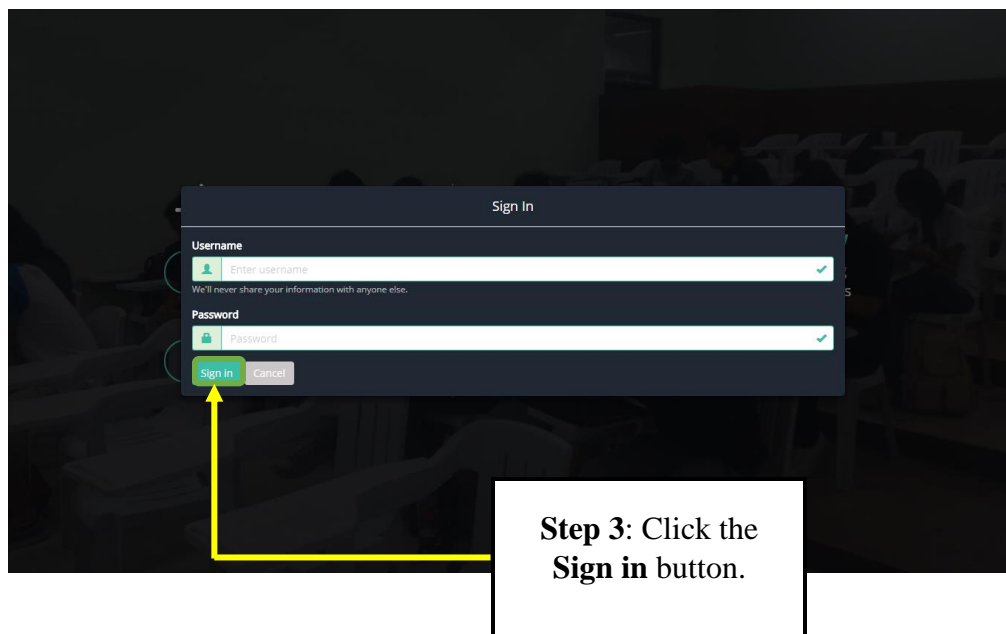
Step 6: Enter the class code provided by the instructor.



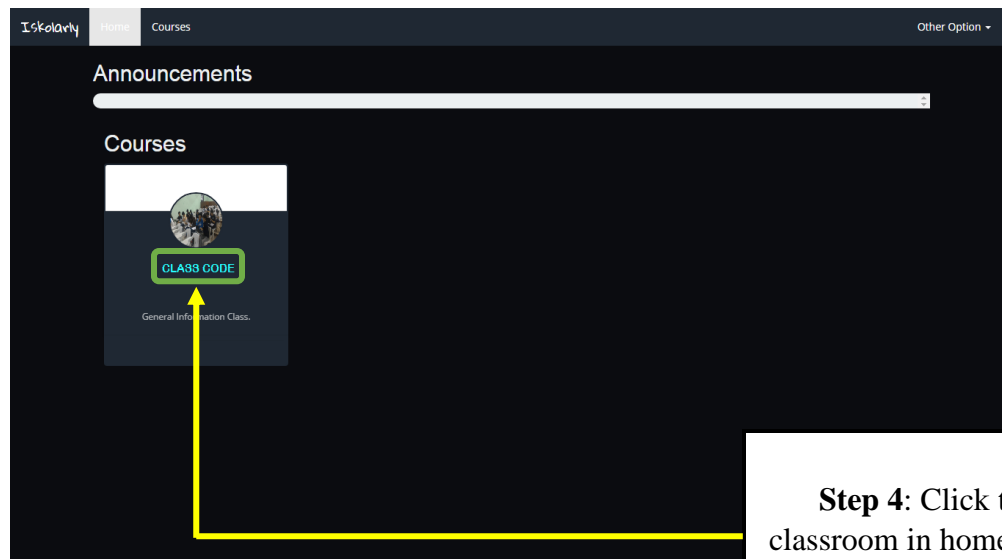
3. Creating posts or announcements, quizzes, and attachments



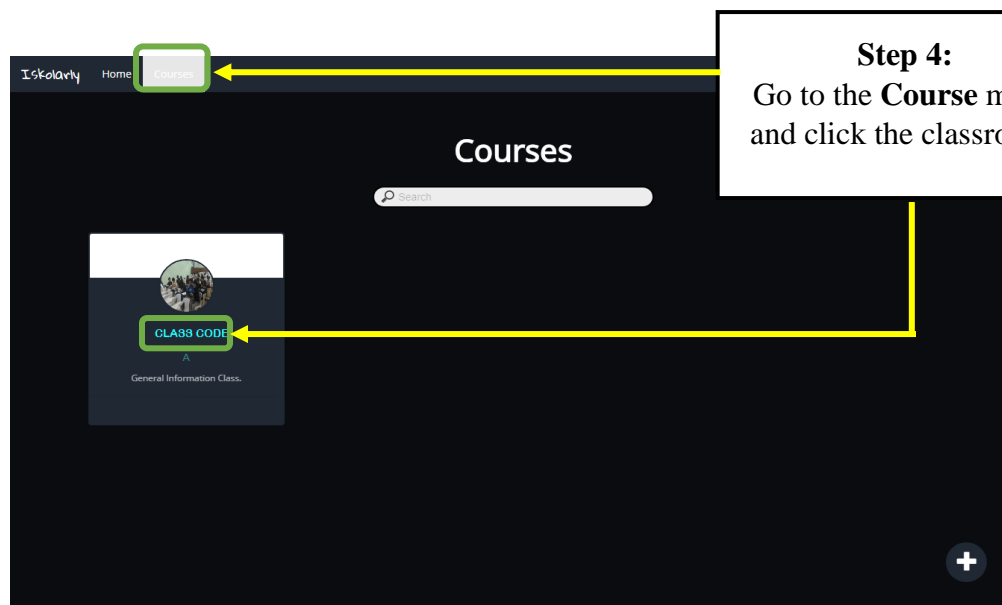
Step 2: Fill up the form using valid credentials.



Assuming that student is already joined in a classroom. There are two ways to access the classroom; home menu and course menu.



Step 4: Click the classroom in home page.



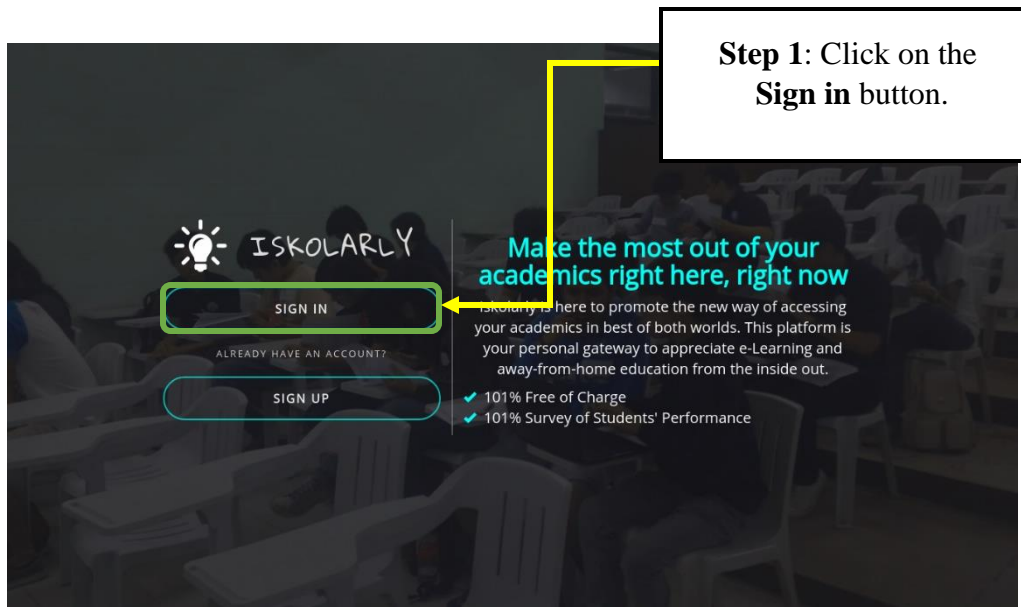
Step 4:
Go to the **Course** menu
and click the classroom.

The screenshot shows the Iskolarly interface. At the top, there's a navigation bar with 'Iskolarly', 'Home', and 'Courses'. The main header area displays 'Class Code A' and the user's name 'Juan Cruz'. Below this, there's a 'Pending' status box on the left. The central part of the page features a form titled 'Enter Note' with a text input field containing the placeholder 'Enter your note here' and a green checkmark icon. To the right of the input field is a green 'Create Note' button. Below the form, a message states 'There are no announcements for this course yet!'. Two yellow arrows originate from instructional text boxes: one points to the text input field, and the other points to the 'Create Note' button.

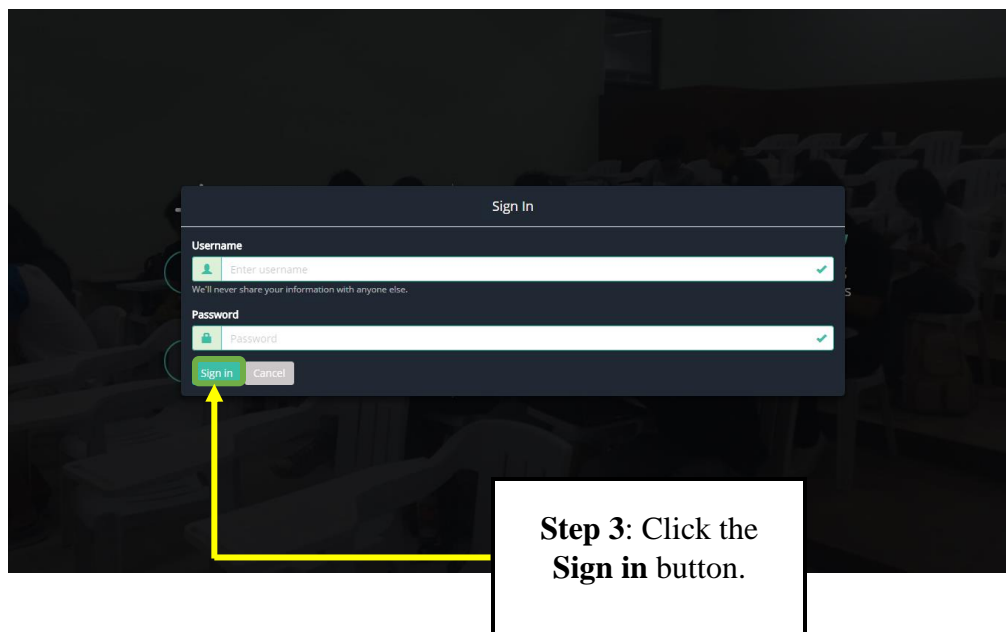
Step 5:
Fill out the field.

Step 6: Click the
Create note button.

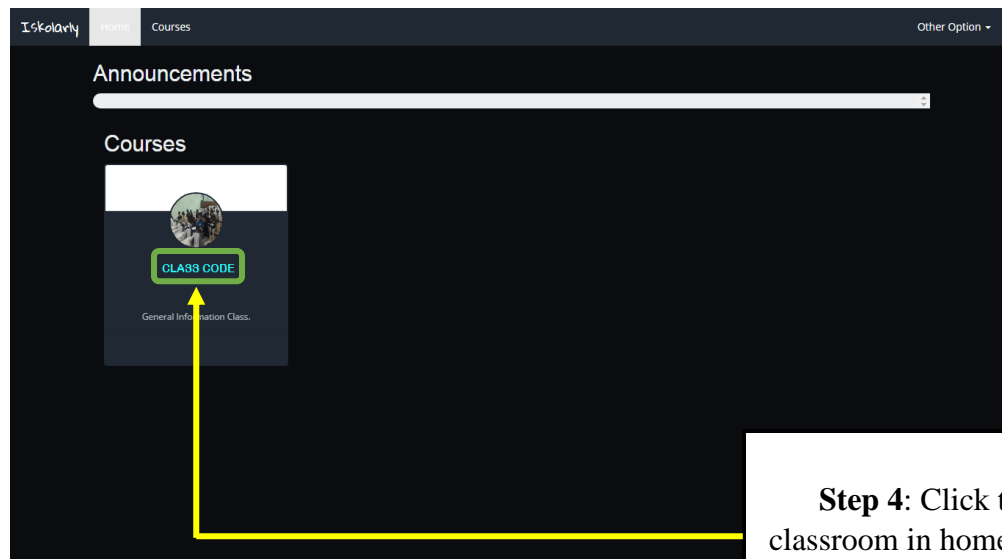
4. Taking a quiz



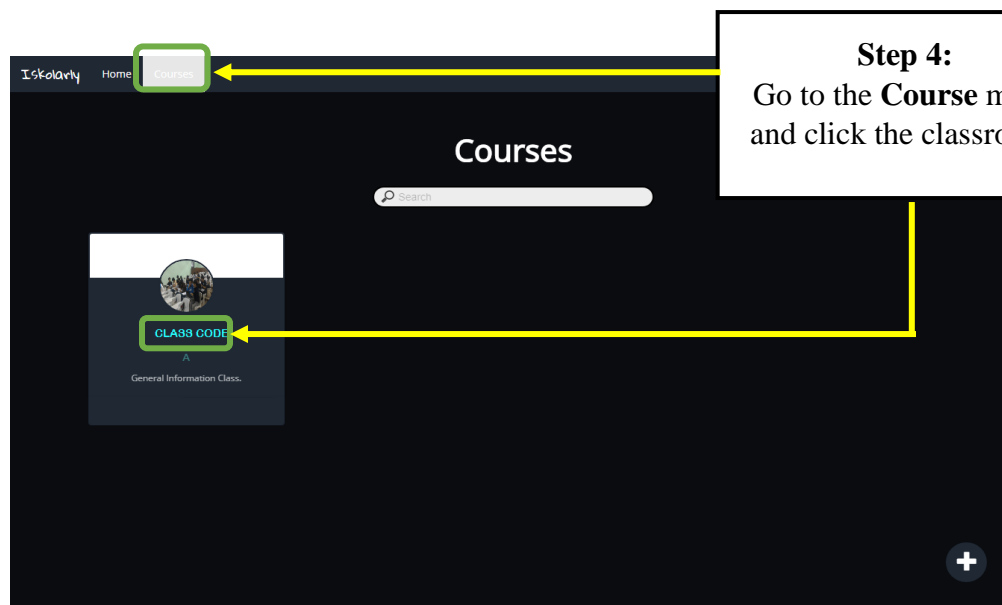
Step 2: Fill up the form using valid credentials.



Assuming that student is already joined in a classroom. There are two ways to access the classroom; home menu and course menu.



Step 4: Click the classroom in home page.



Step 4:
Go to the **Course** menu
and click the classroom.

Step 5: Assuming that the instructor already published the quiz.
Click the quiz post.

Iskolarly Home Courses Other Option ▾

Non - uplb related

Description: Choose the best answer.

Remaining attempt(s): 3

Start Quiz

Step 6: Click the **Start quiz** button to start the quiz attempt.

Iskolarly Home Courses Other Option ▾

Non - uplb related

Progress:

Question:

1. Philippines Independence Day is celebrated on what date?

June 12 May 1

December 25 January 1

Prev Next

Step 7: These are clickable buttons for viewing questions.