ISKOlarly

User's Manual

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LIST OF DEPENDENCIES

FOR <u>localhost</u>:

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

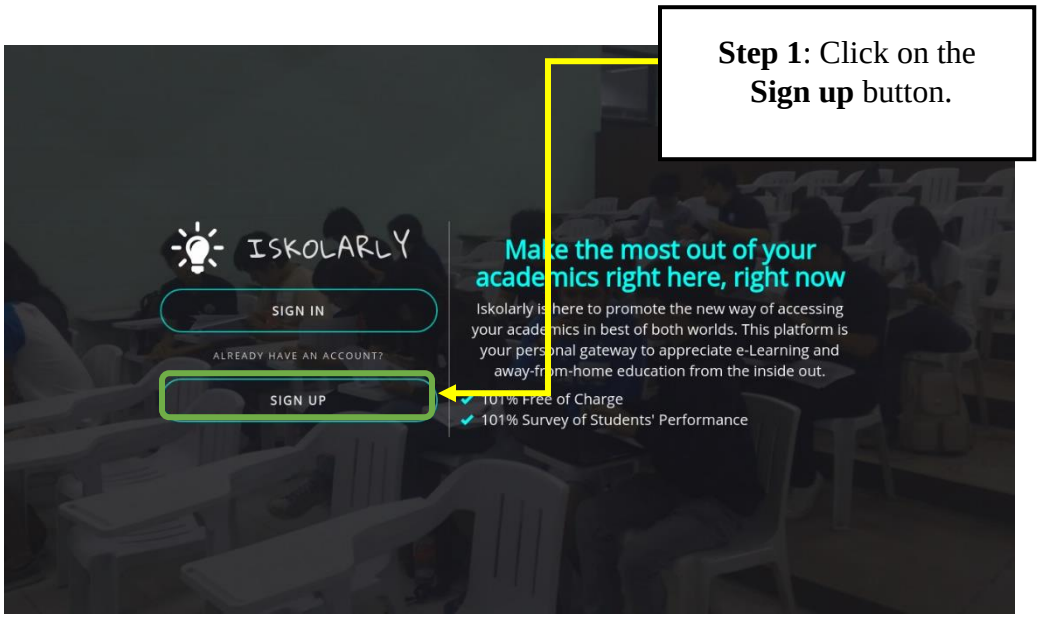
vi. **Modern web browsers and their latest updates –** this dependency is considered to make sure that the web application will run smoothly.

FOR DEPLOYED WEB APPLICATION

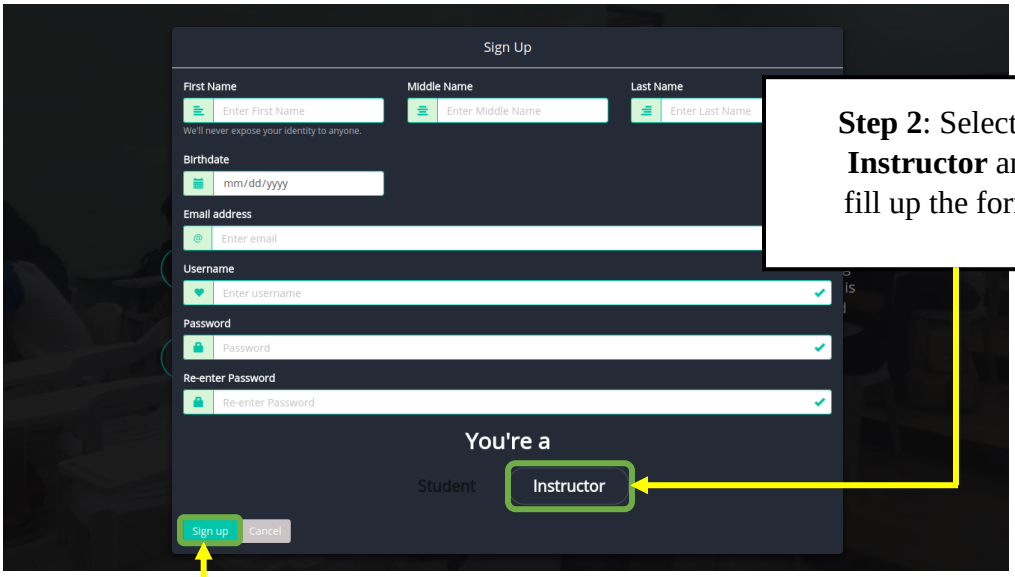
- NOTHING but a latest web browser to support and use the full functionality of the web application

A. Instructor Module

1. Creating an account



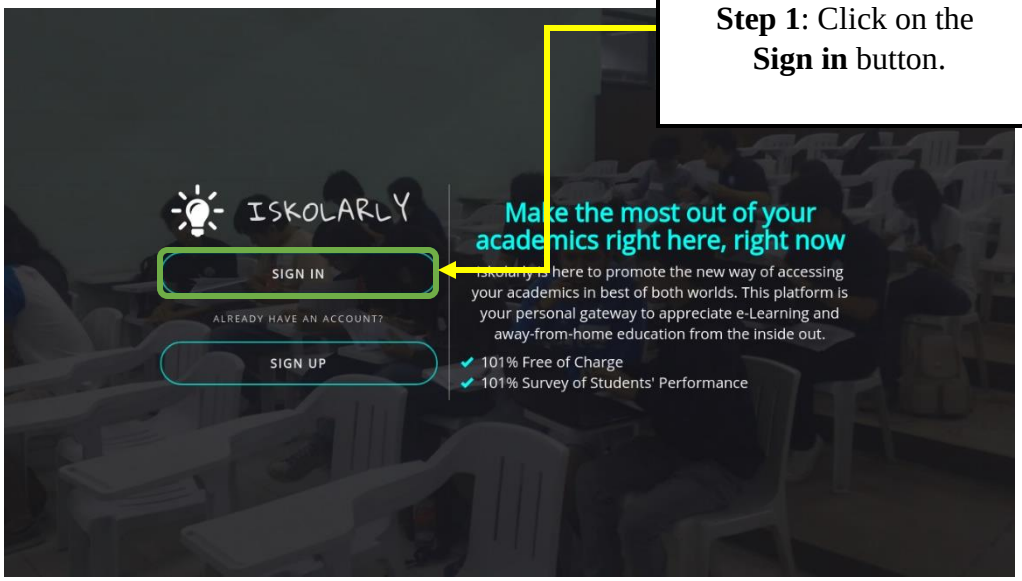
Step 1: Click on the **Sign up** button.



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

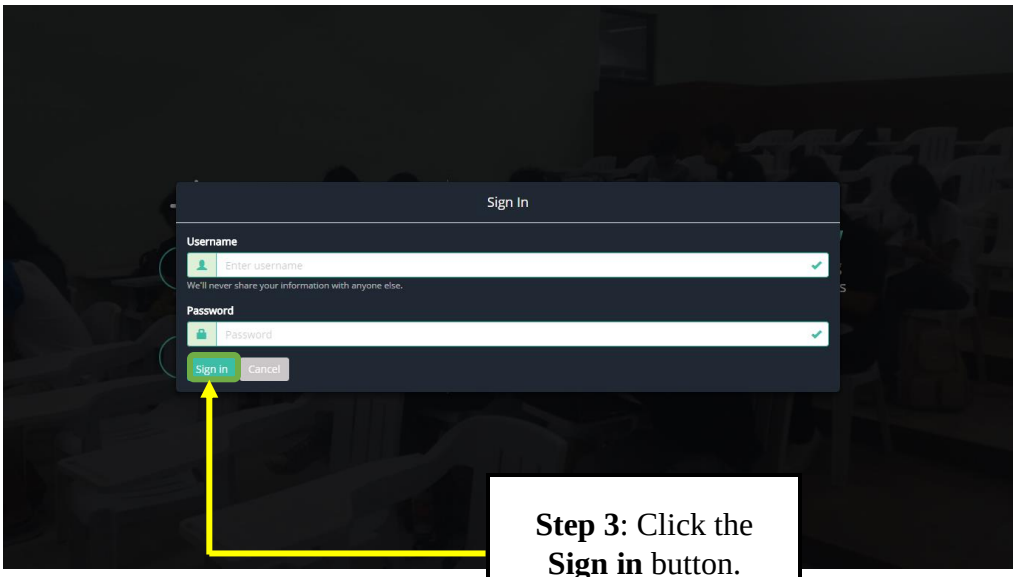
Step 3: Click the **Sign up** button.

2. Adding a course

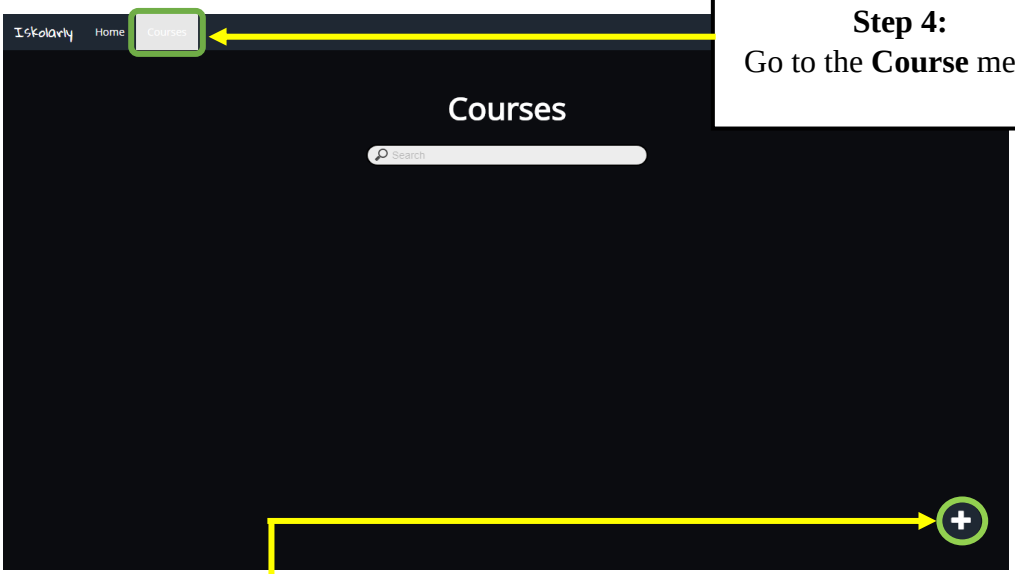


Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.



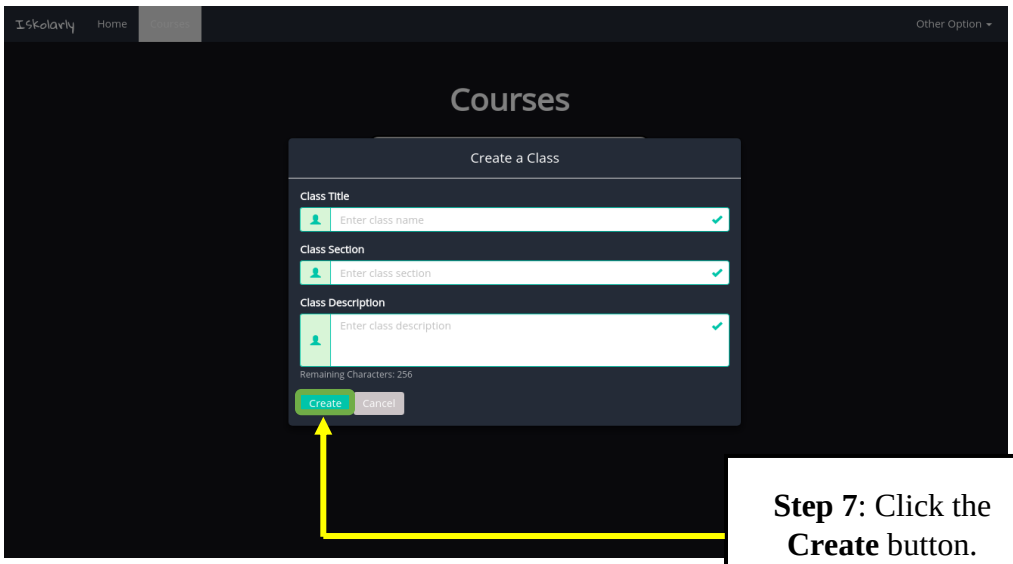
Step 3: Click the **Sign in** button.



Step 4:
Go to the **Course** menu.

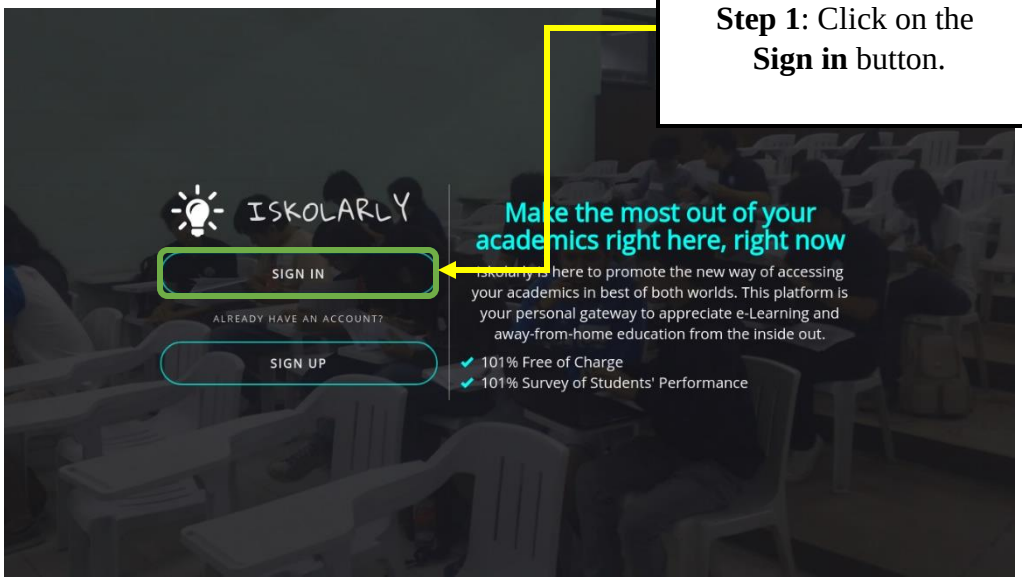
Step 5: Click the **Add icon** button.

Step 6: Fill up the form.



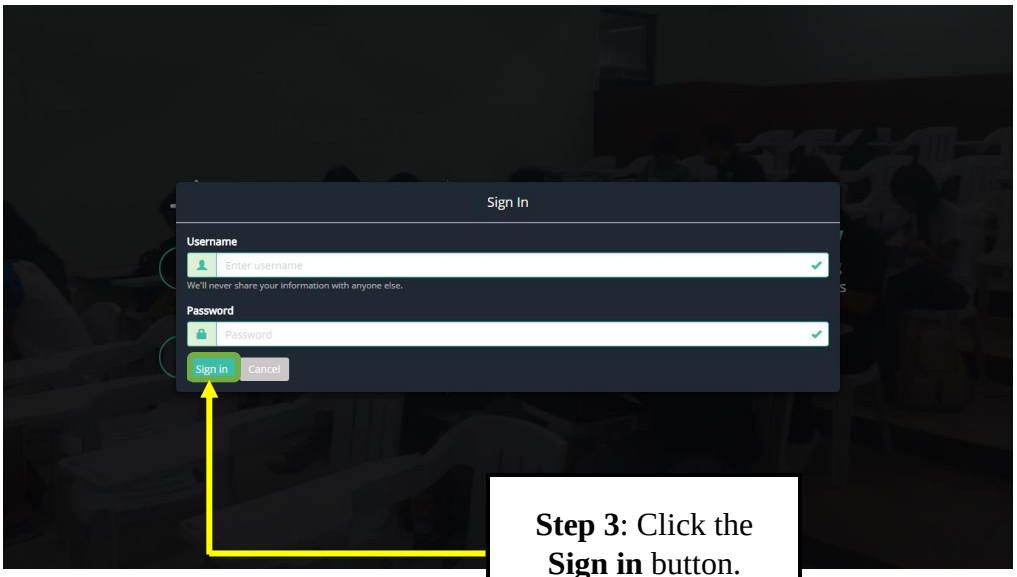
Step 7: Click the **Create** button.

3. Creating posts or announcements, quizzes, and attachments



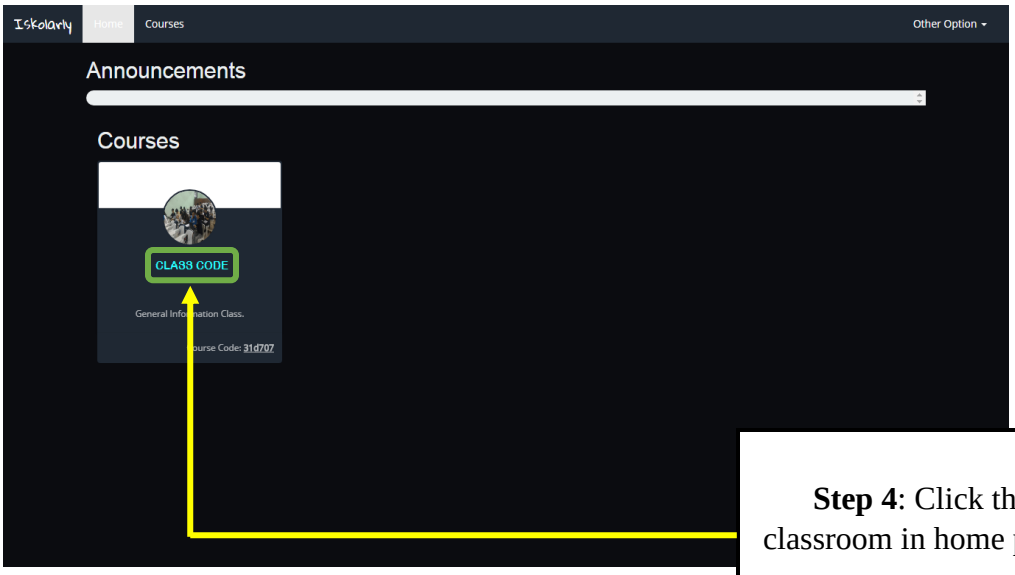
Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.

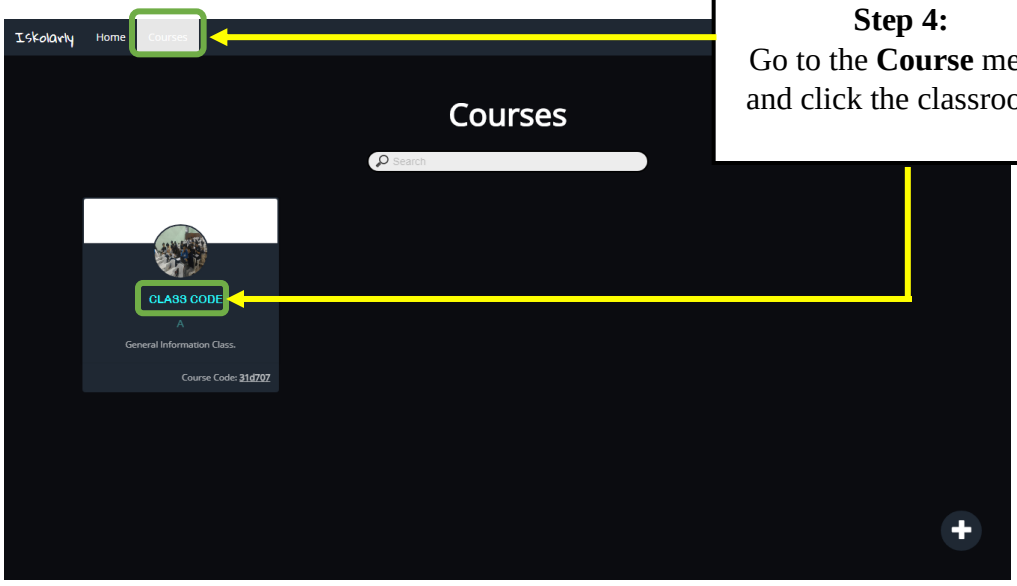


Step 3: Click the **Sign in** button.

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.

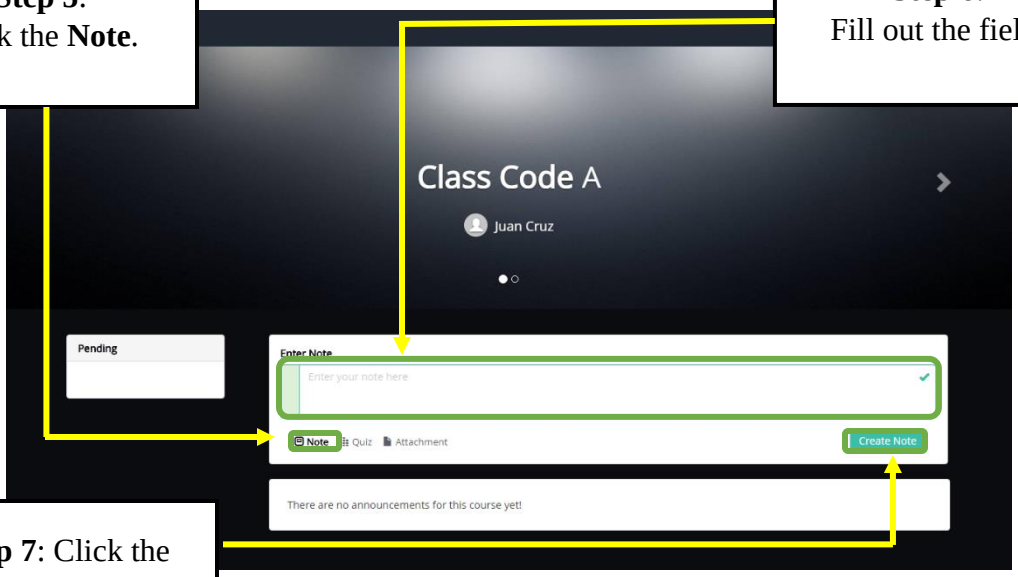


Step 4:
Go to the **Course** menu and click the classroom.

Steps in creating posts and announcements.

Step 5:
Click the **Note**.

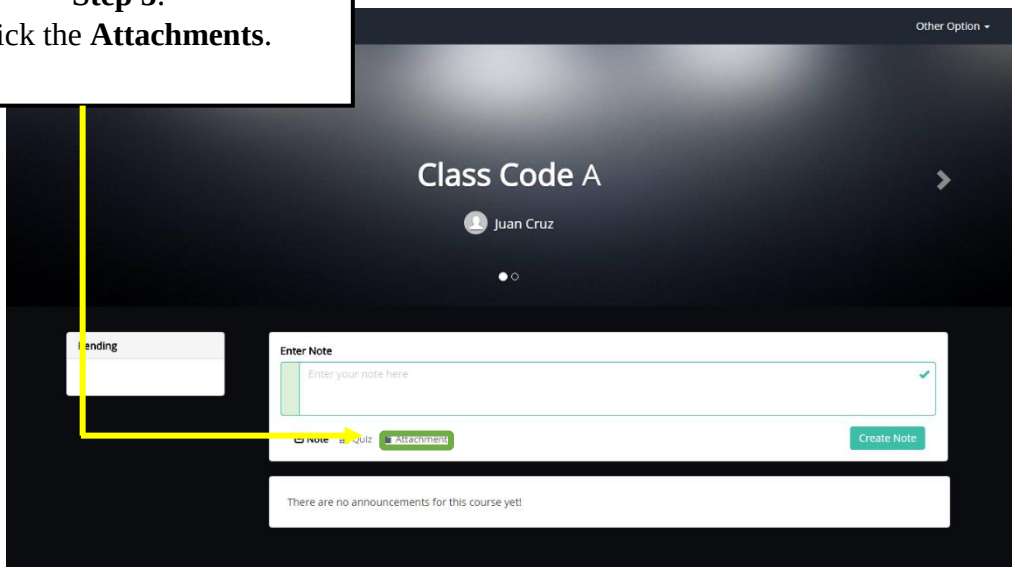
Step 6:
Fill out the field.



Step 7: Click the **Create note** button.

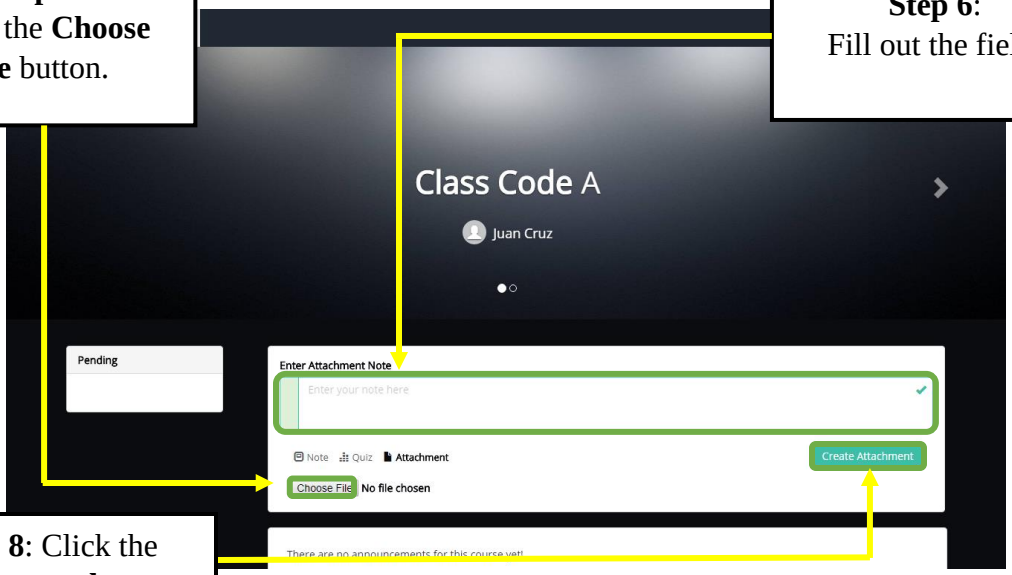
Steps in creating attachments.

Step 5:
Click the **Attachments**.



Step 7:
Click the **Choose file** button.

Step 6:
Fill out the field.

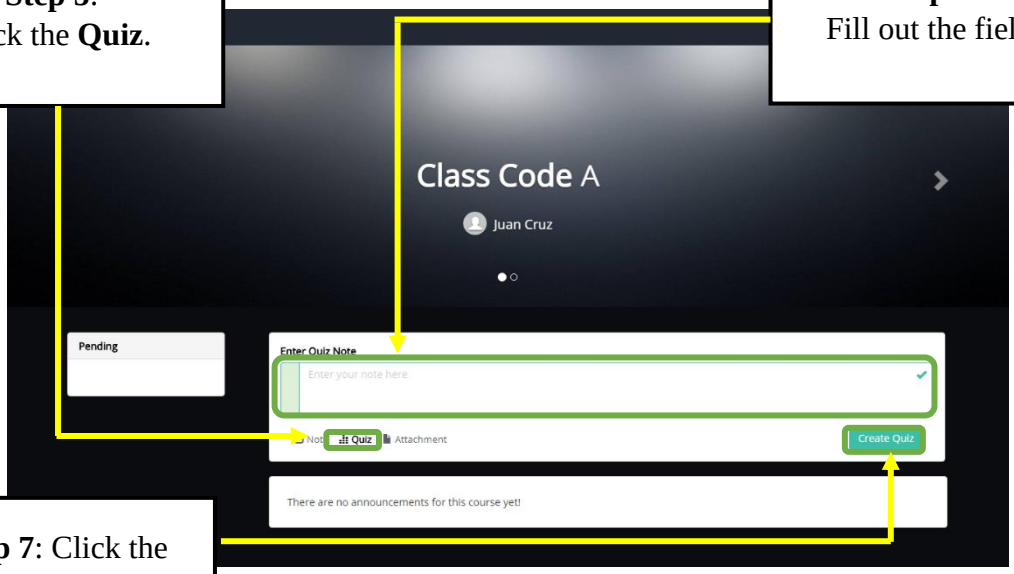


Step 8: Click the **Create attachment** button.

Steps in creating quizzes.

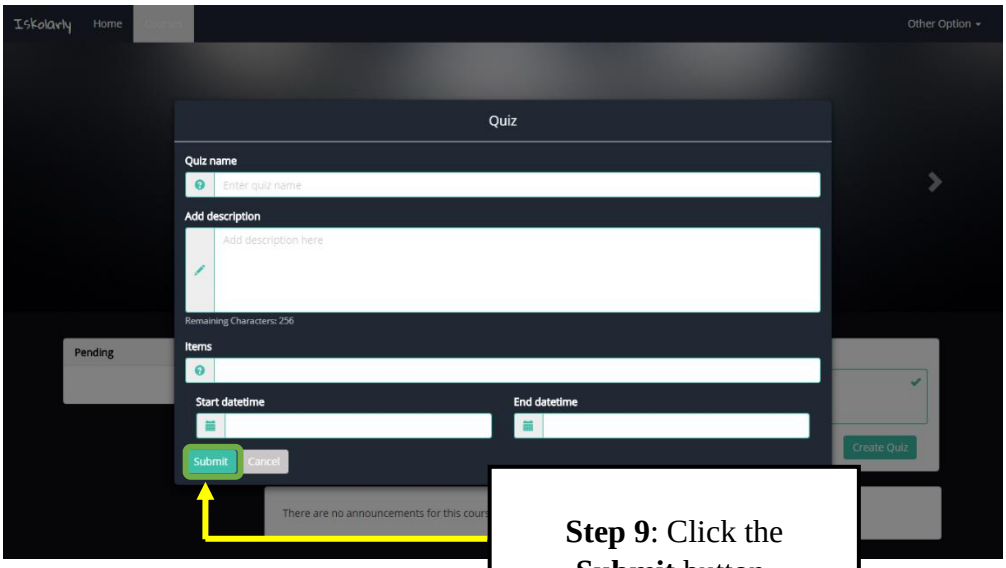
Step 5:
Click the **Quiz**.

Step 6:
Fill out the field.



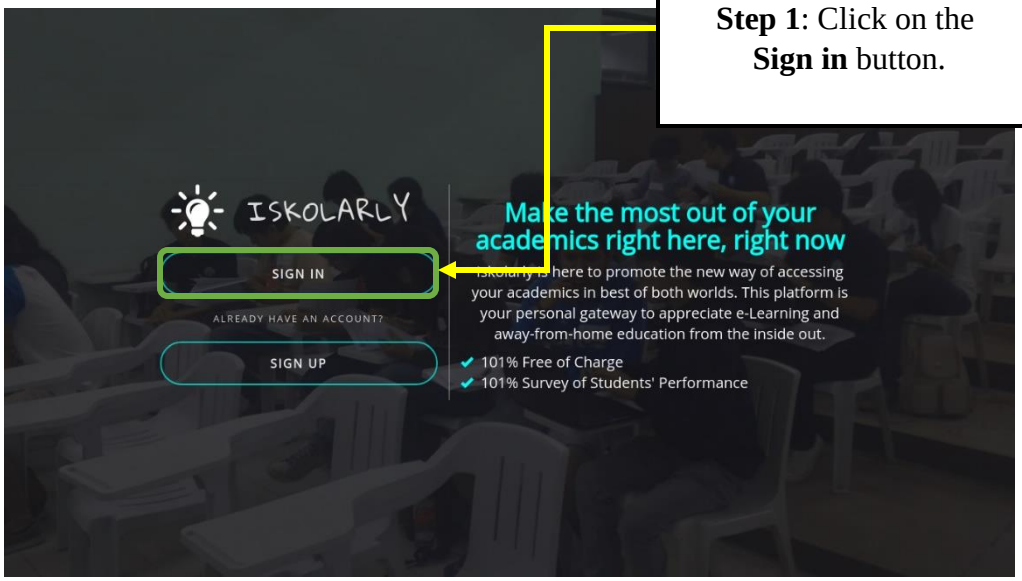
Step 7: Click the **Create quiz** button.

Step 8: Fill up the form.



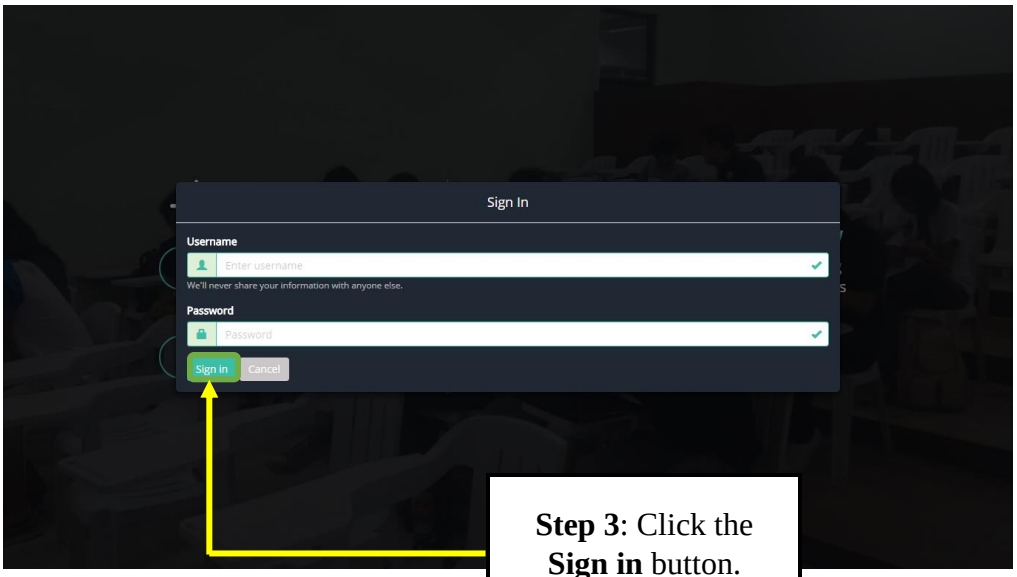
Step 9: Click the **Submit** button.

4. Creating questionnaires



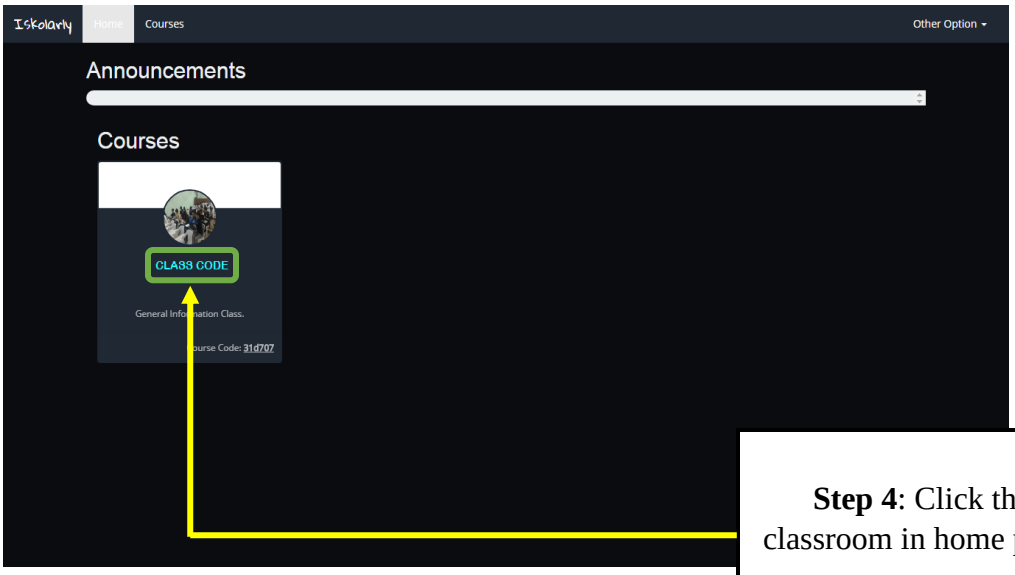
Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.

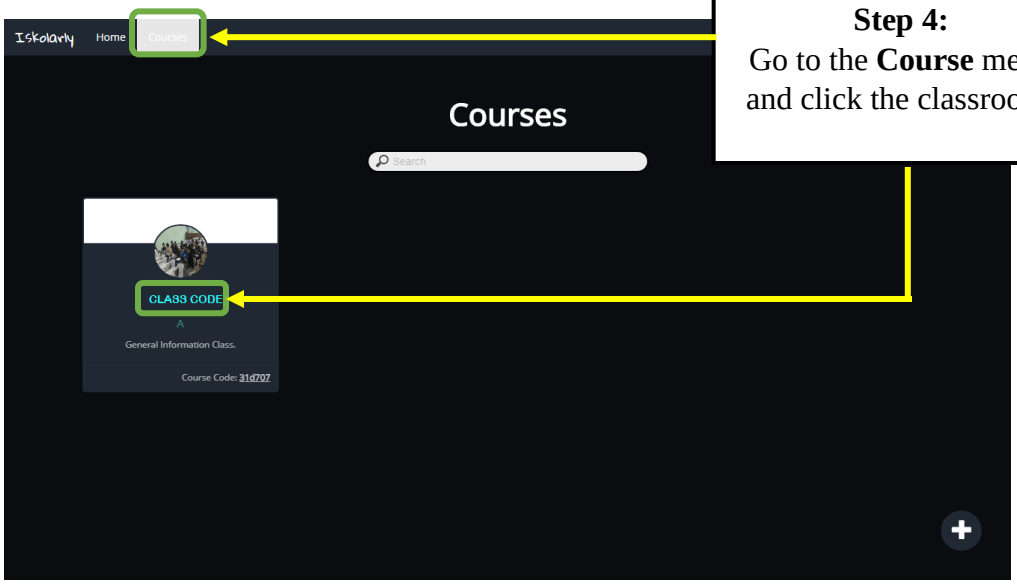


Step 3: Click the **Sign in** button.

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

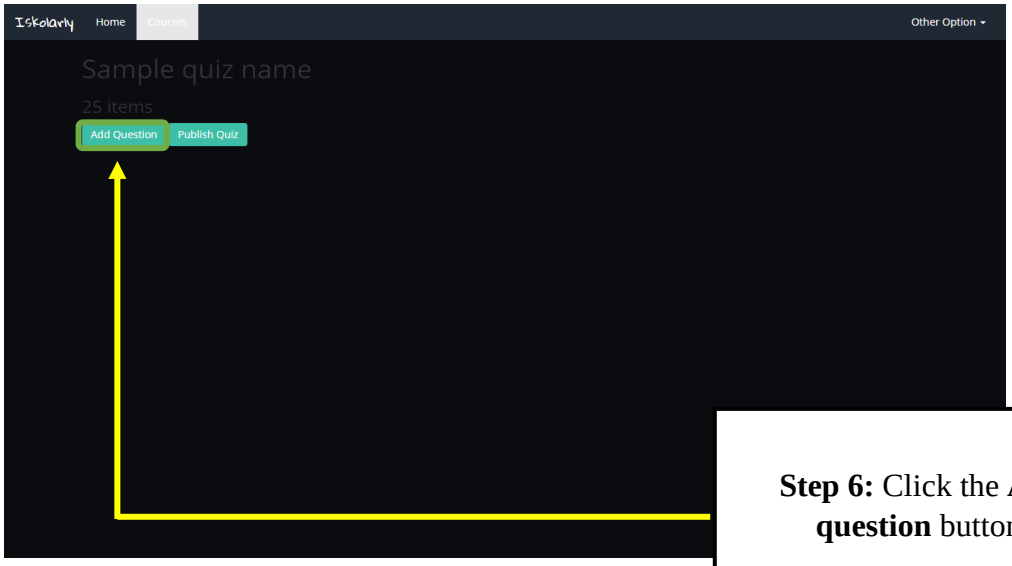


Step 4: Click the classroom in home page.



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

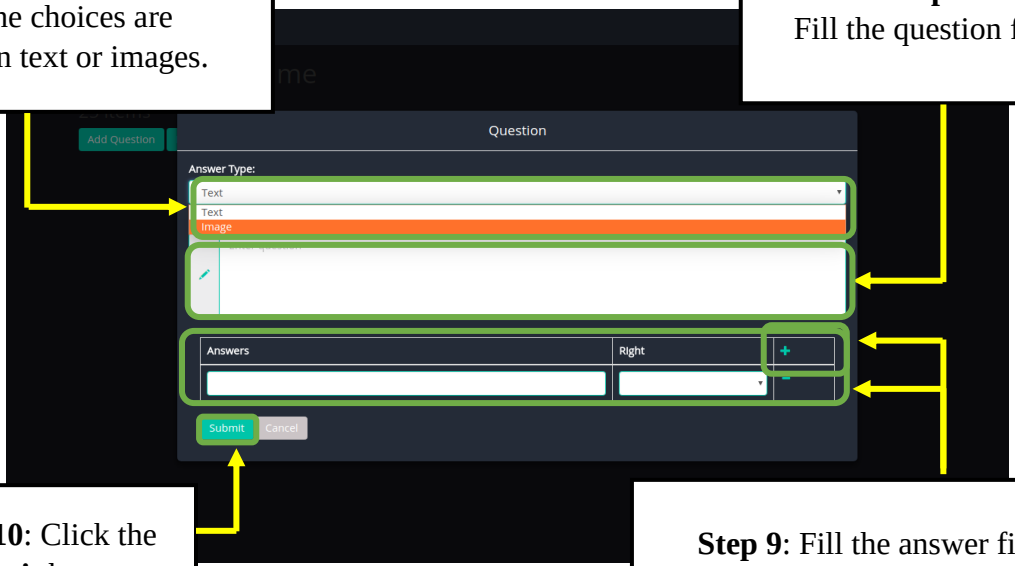
Step 5: Assuming that quiz is created. Click the quiz post.



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

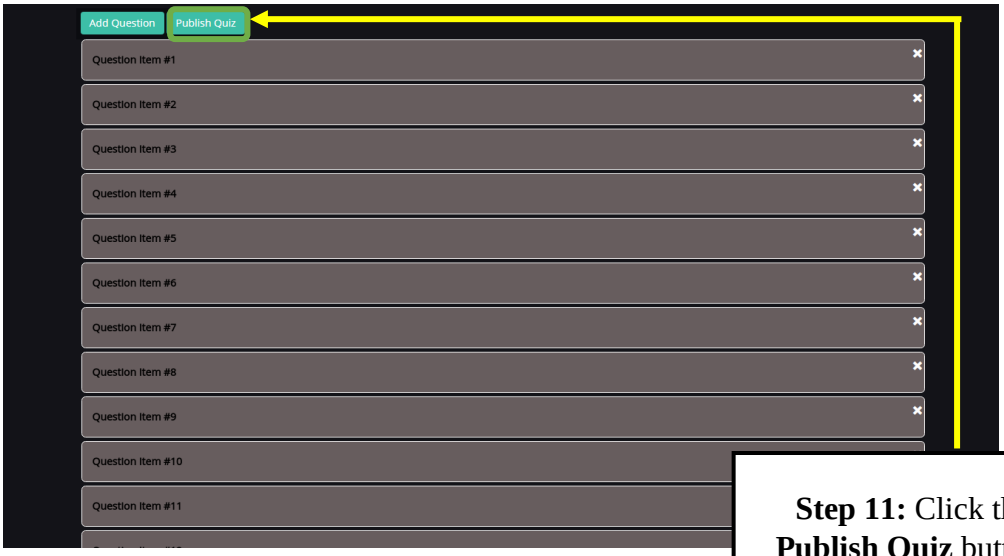
Step 7: Choose whether the choices are plain text or images.

Step 8: Fill the question field.



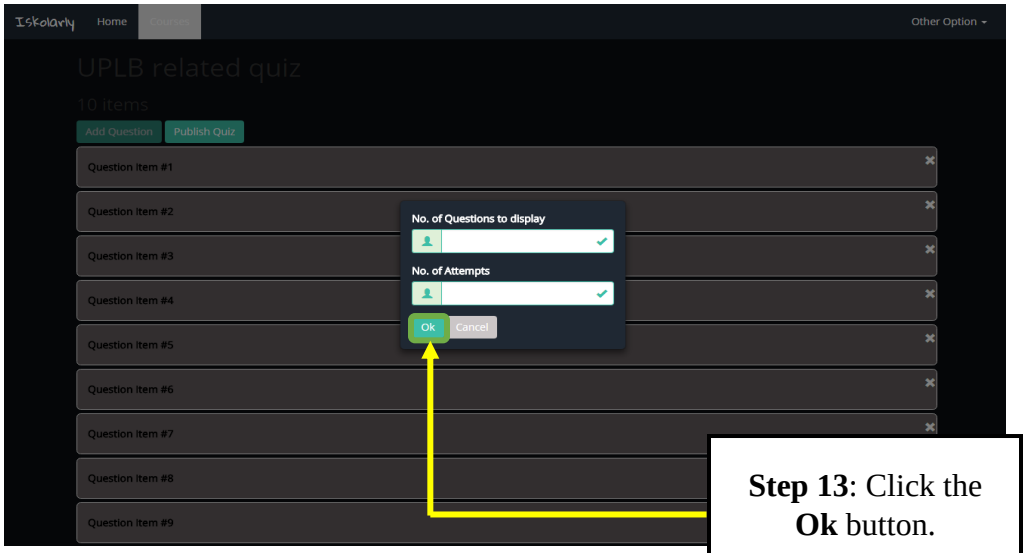
Step 10: Click the **Submit** button.

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



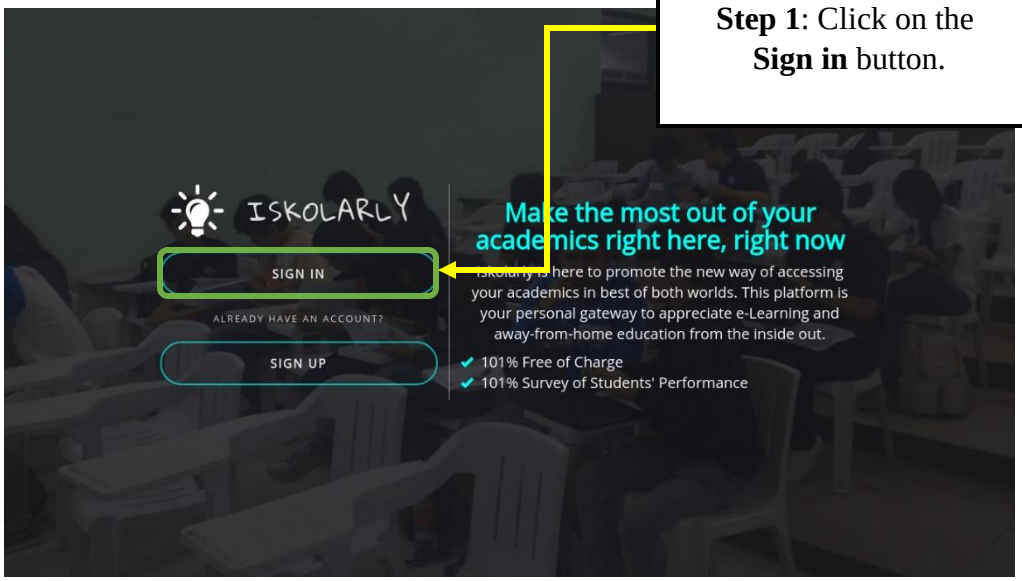
Step 11: Click the **Publish Quiz** button.

Step 12: Fill up the form.



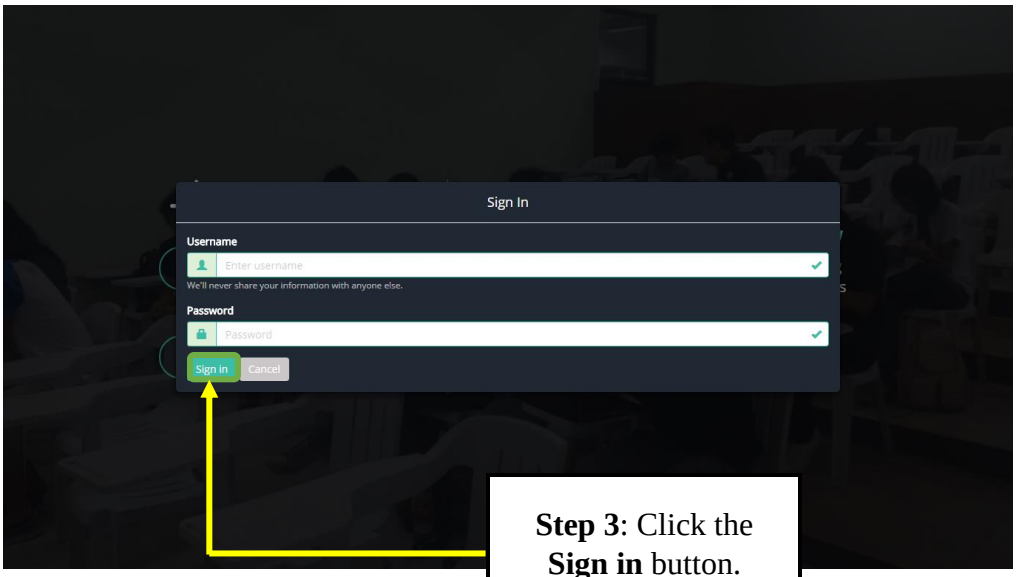
Step 13: Click the **Ok** button.

5. Checking of reports



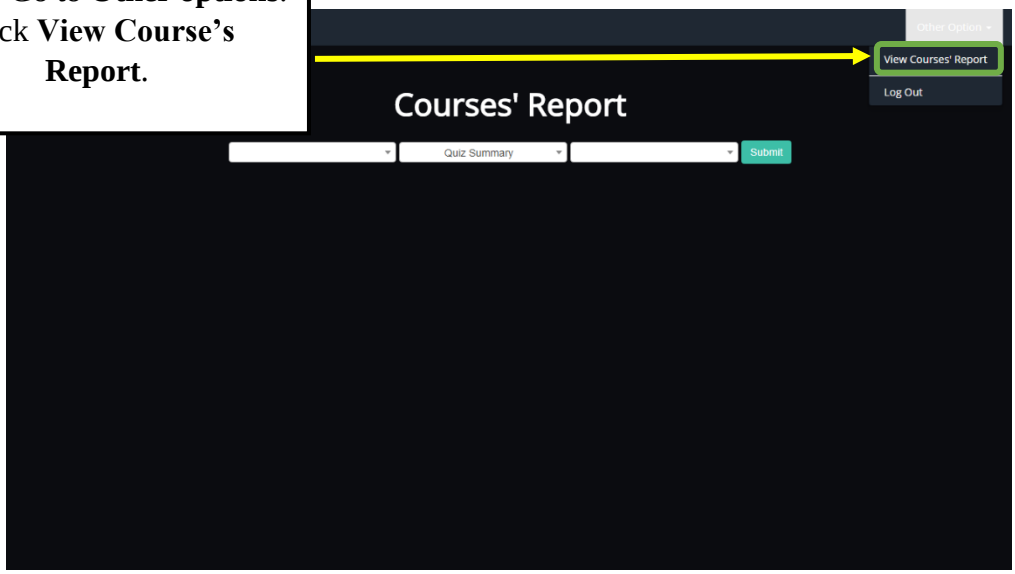
Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.

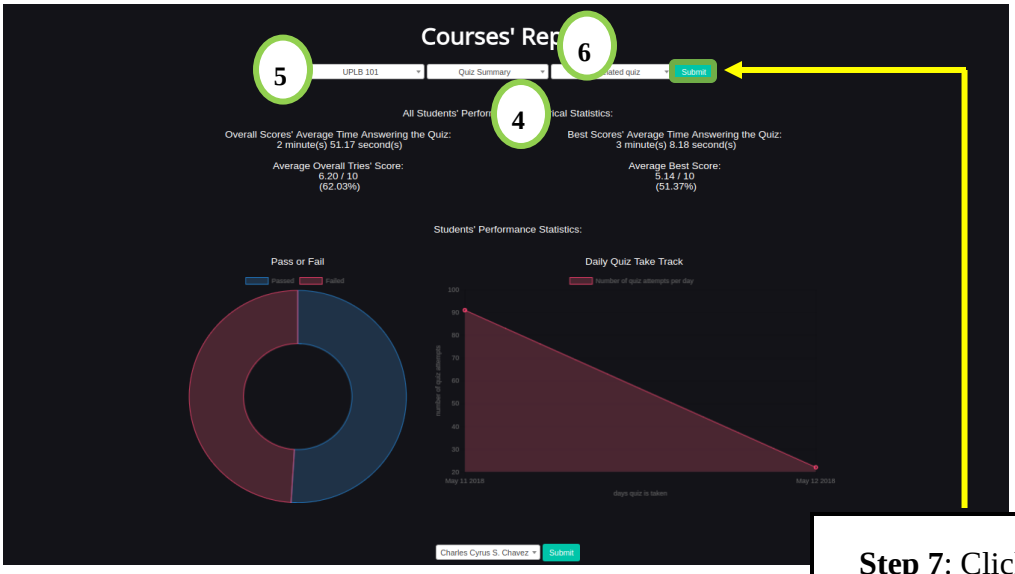


Step 3: Click the **Sign in** button.

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

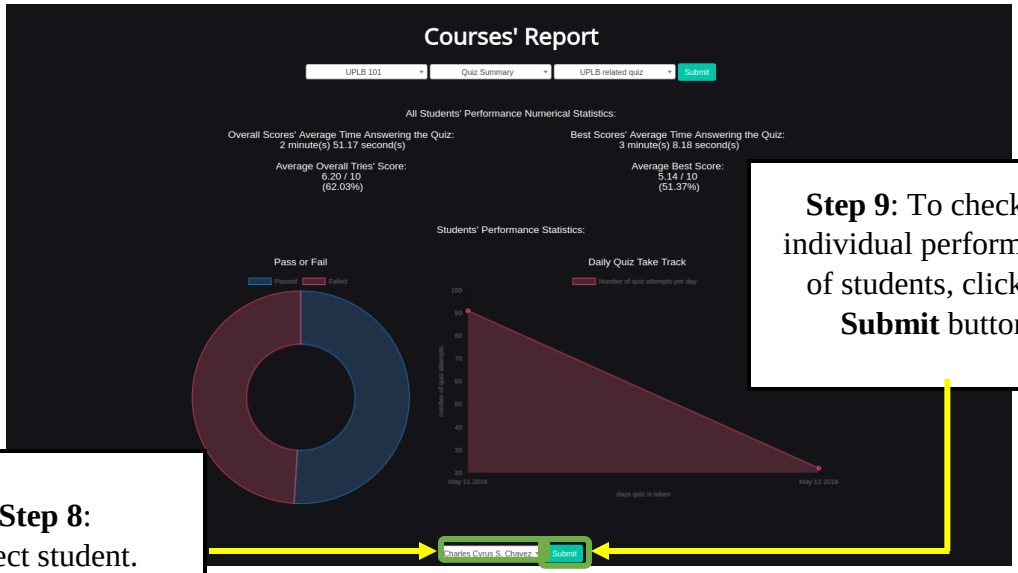


For Quiz Summary Report.



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

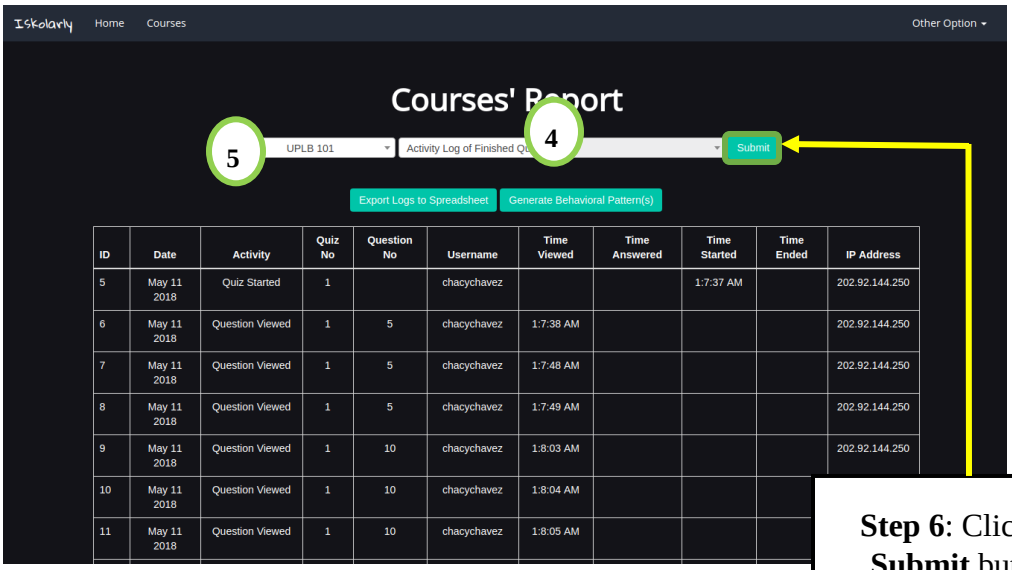
Step 7: Click the **Submit** button.



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

Step 8:
Select student.

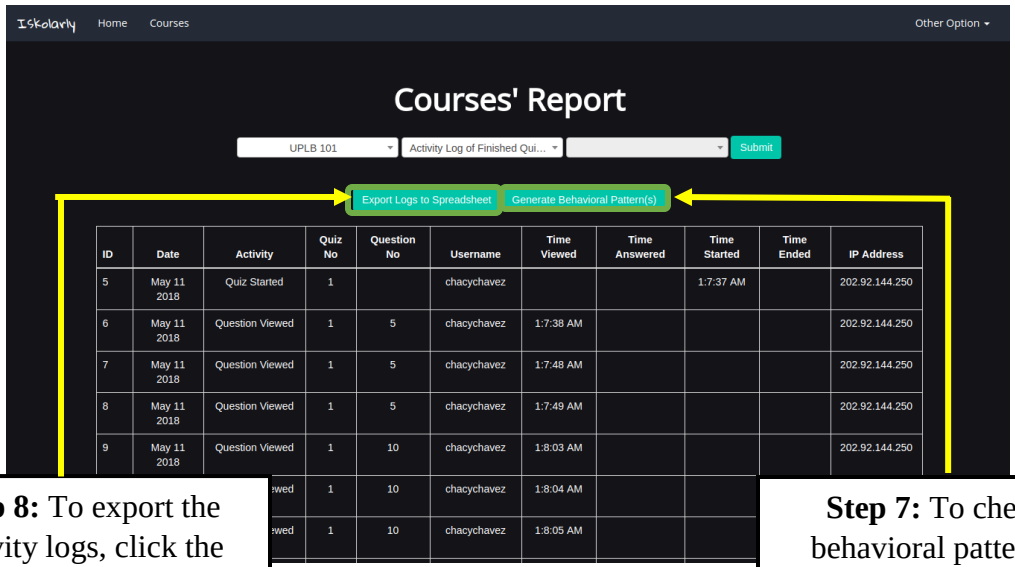
For Activity Log of Finished Quizzes Report.



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.

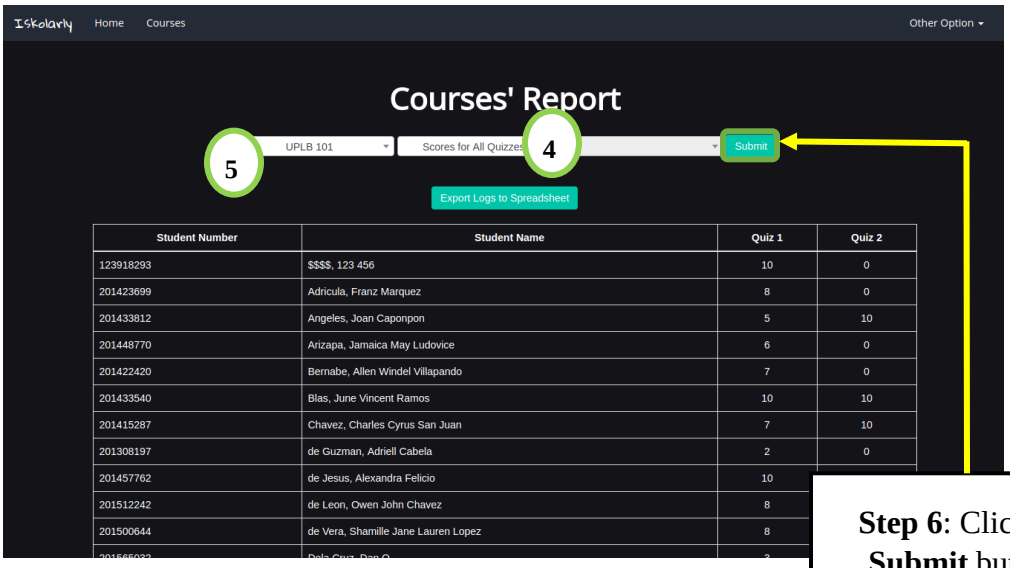
Step 4: Select Quiz Summary.
Step 5: Select in the course.



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

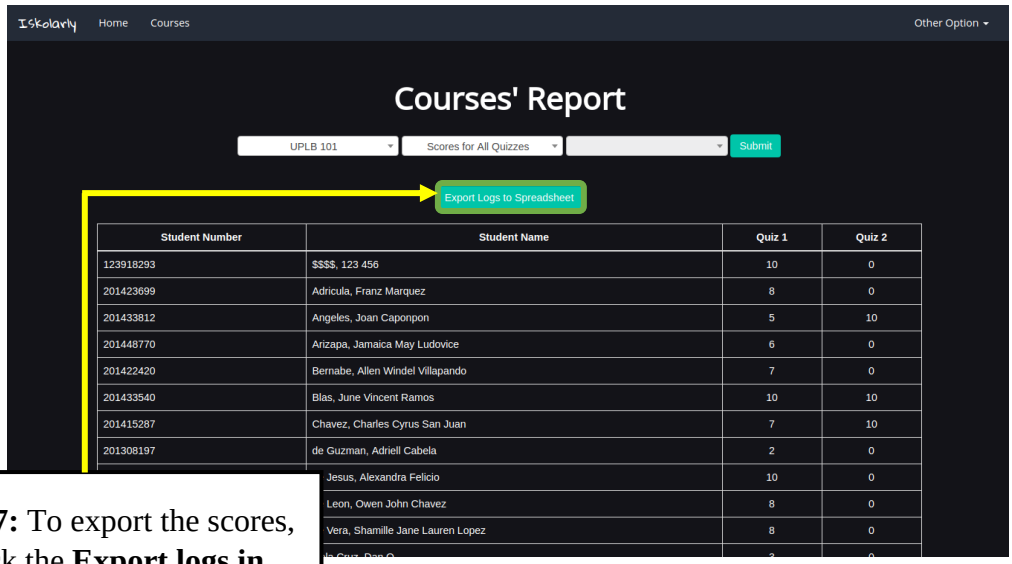
Step 7: To check behavioral patterns, click the **Generate Behavioral Pattern.**

For Scores for All Quizzes Report.



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

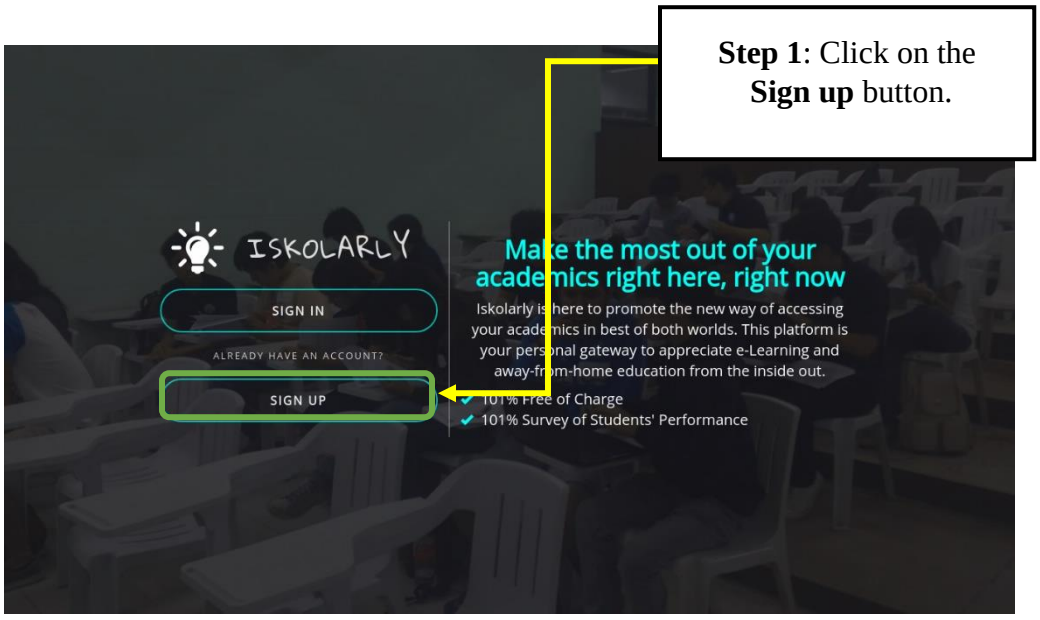
Step 4: Select Quiz Summary.
Step 5: Select in the course.



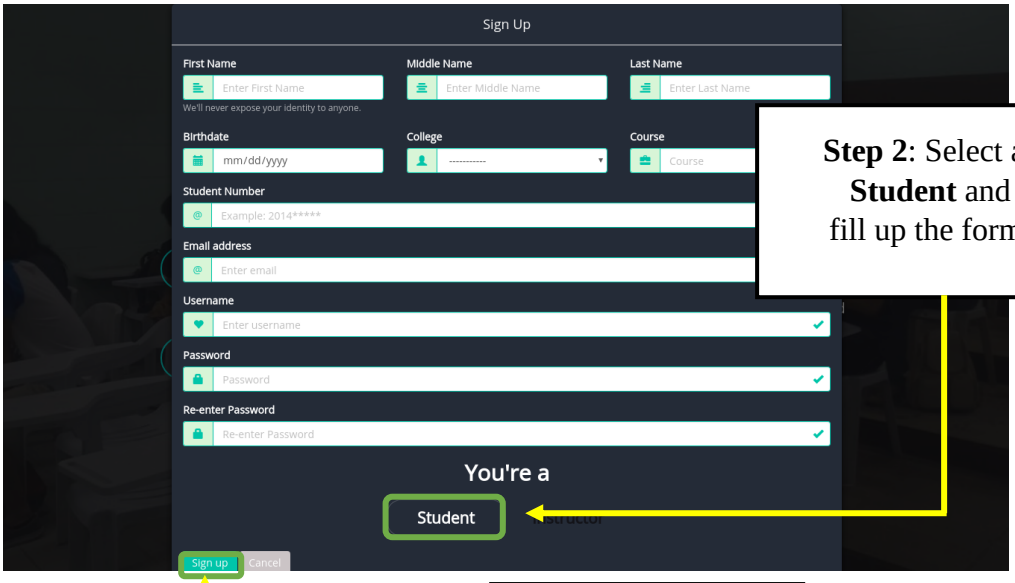
Step 7: To export the scores, click the **Export logs in spreadsheet.**

B. Student Module

1. Creating an account



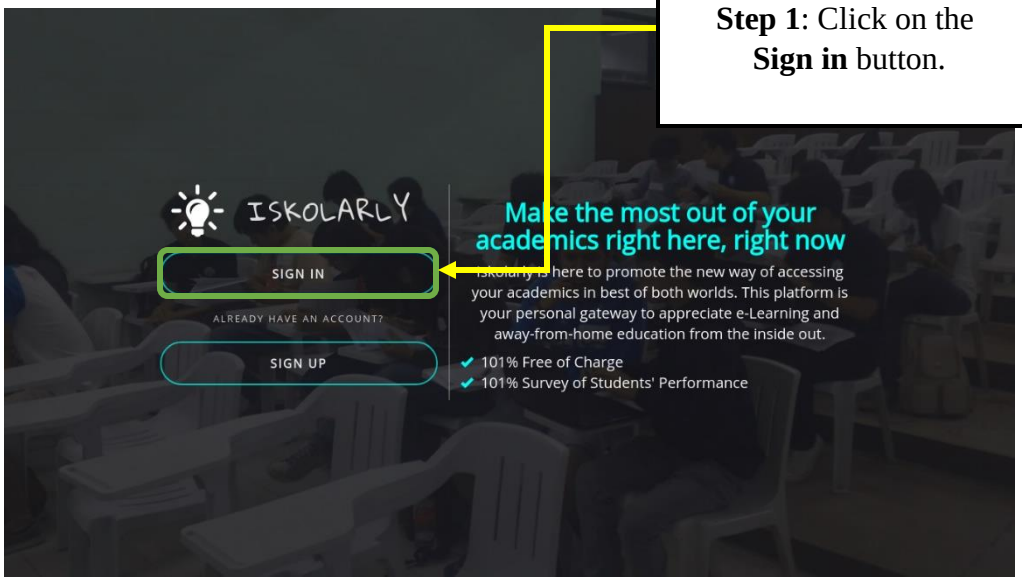
Step 1: Click on the **Sign up** button.



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

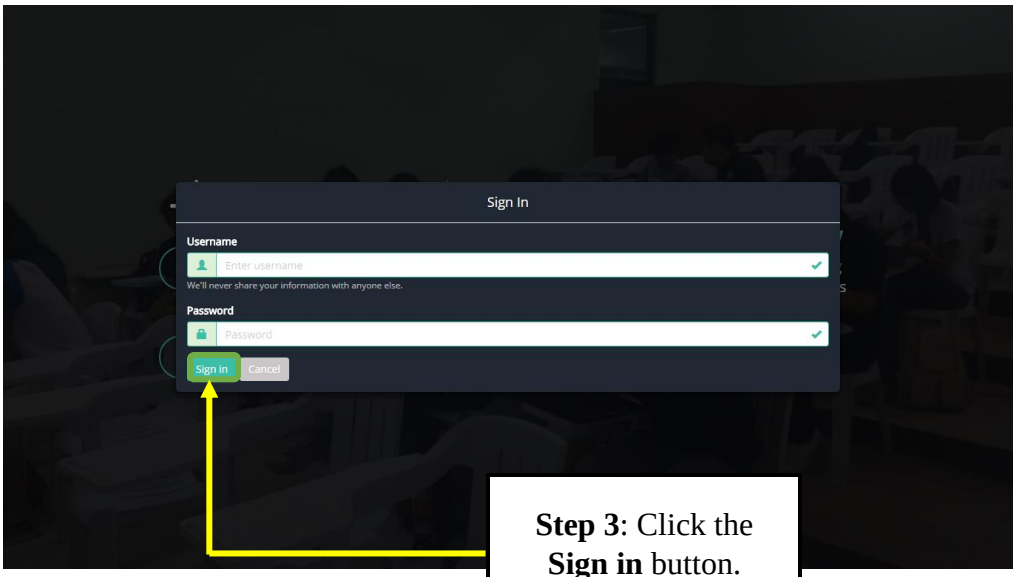
Step 3: Click the **Sign up** button.

2. Joining a course

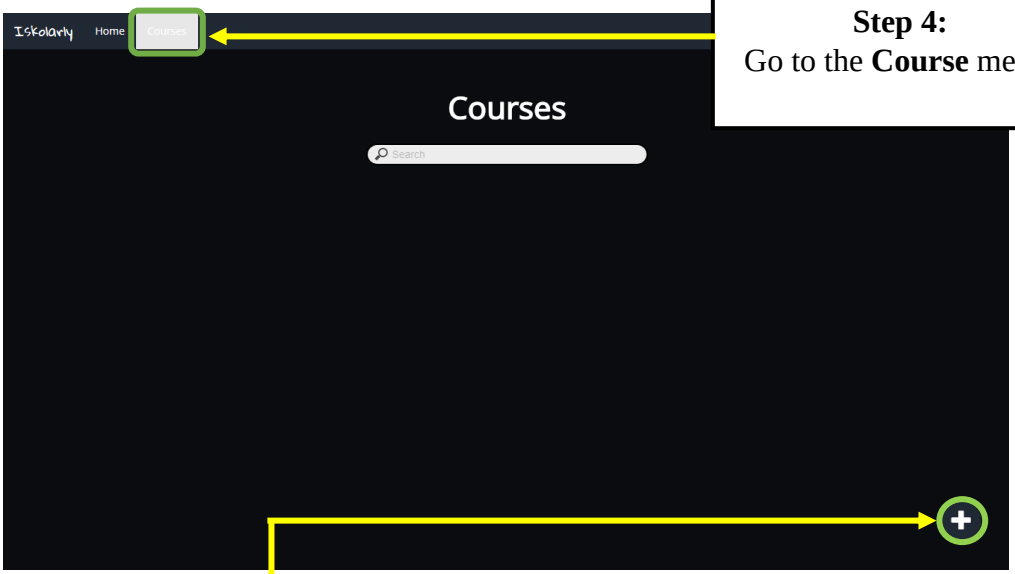


Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.



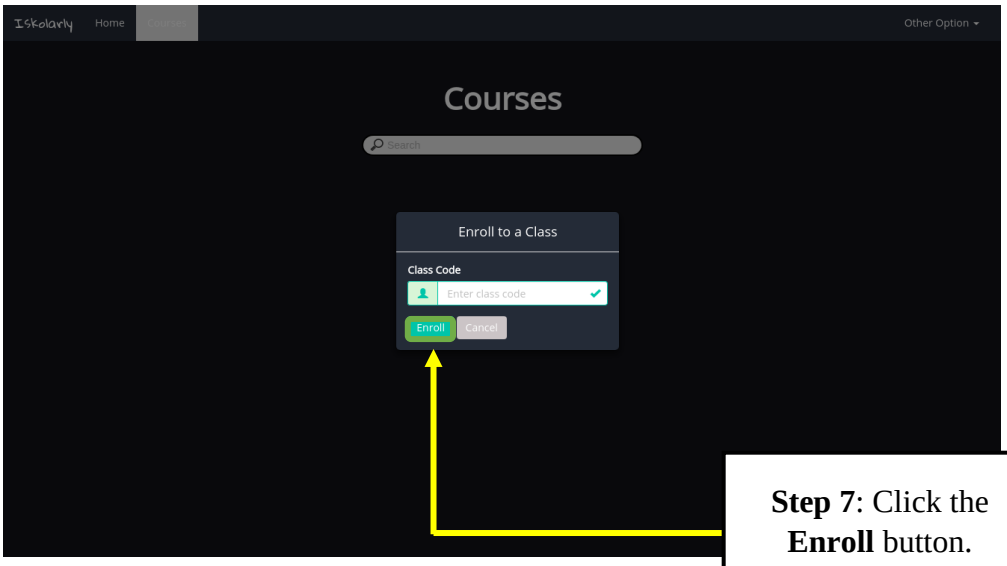
Step 3: Click the **Sign in** button.



Step 4:
Go to the **Course** menu.

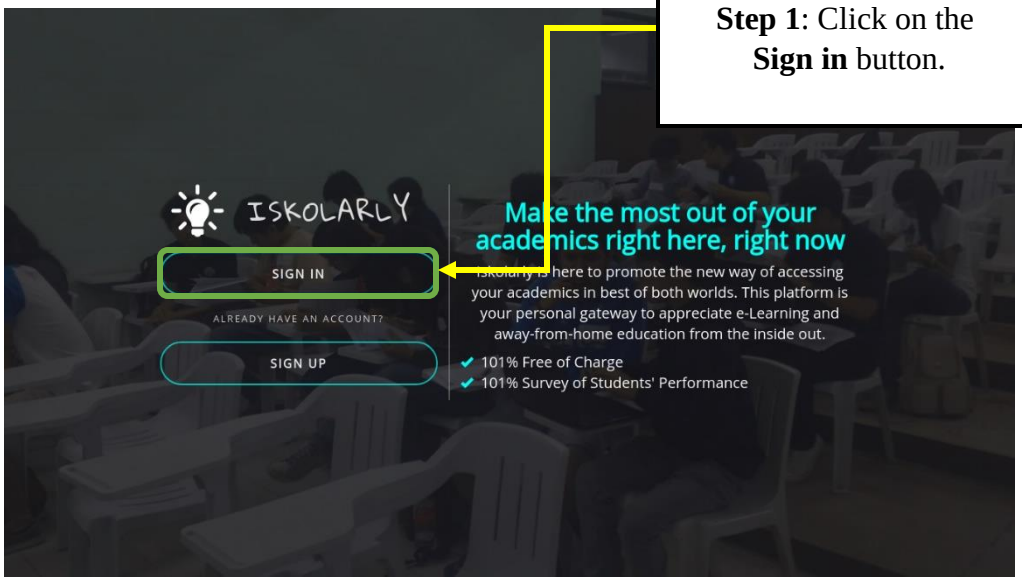
Step 5: Click the **Add icon** button.

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



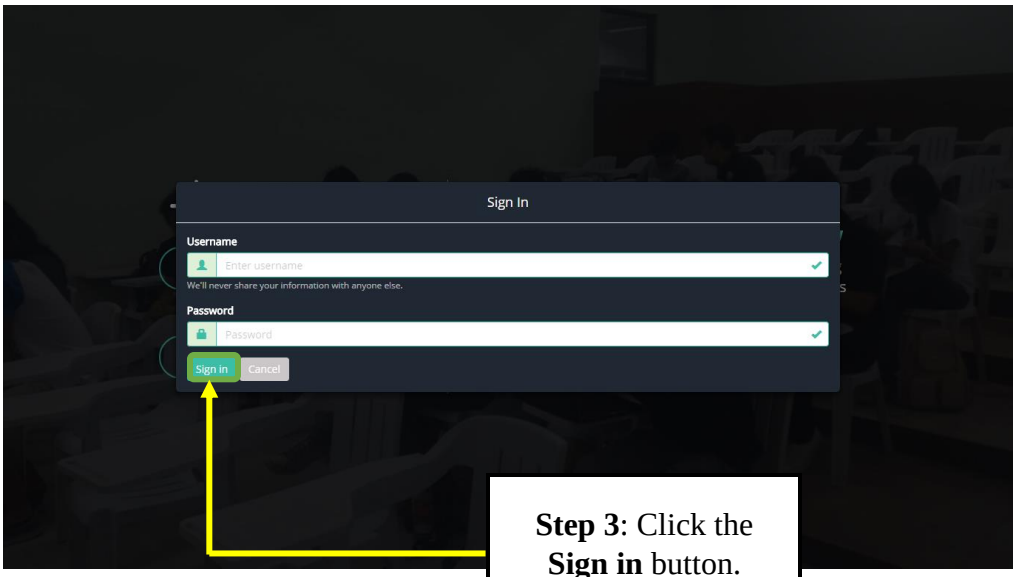
Step 7: Click the **Enroll** button.

3. Creating posts or announcements, quizzes, and attachments



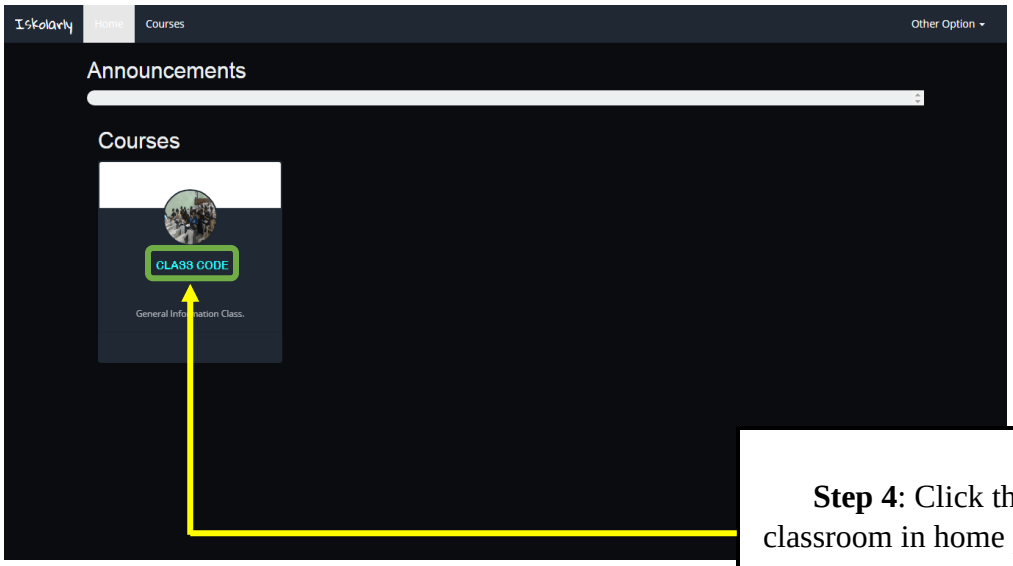
Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.

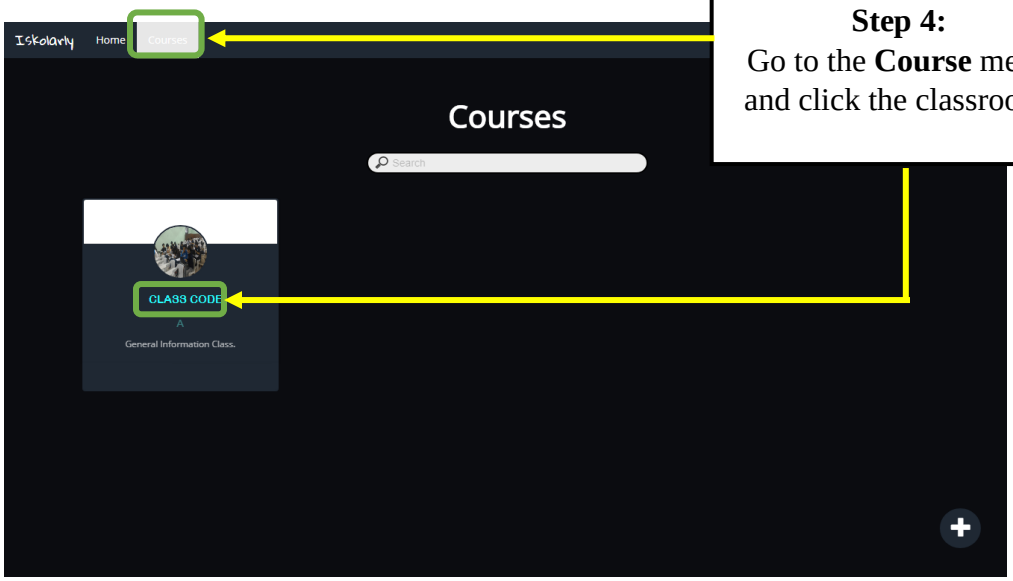


Step 3: Click the **Sign in** button.

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

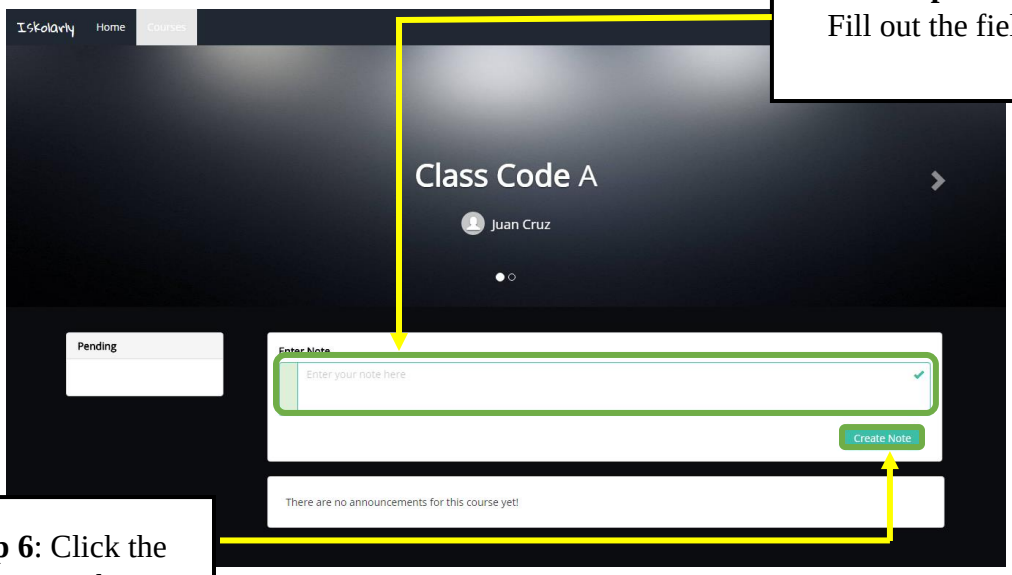


Step 4: Click the classroom in home page.



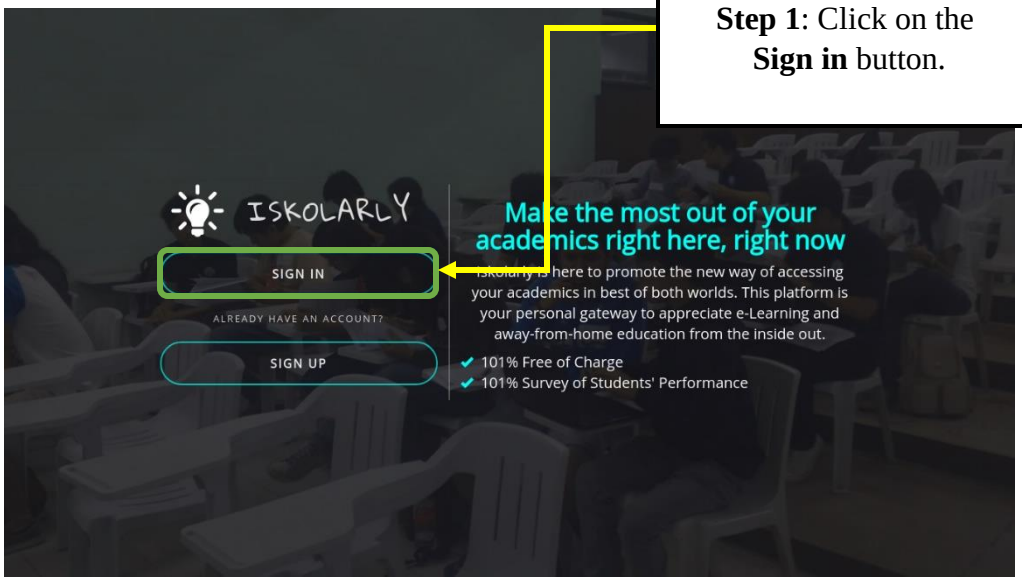
Step 4:
Go to the **Course** menu and click the classroom.

Step 5:
Fill out the field.



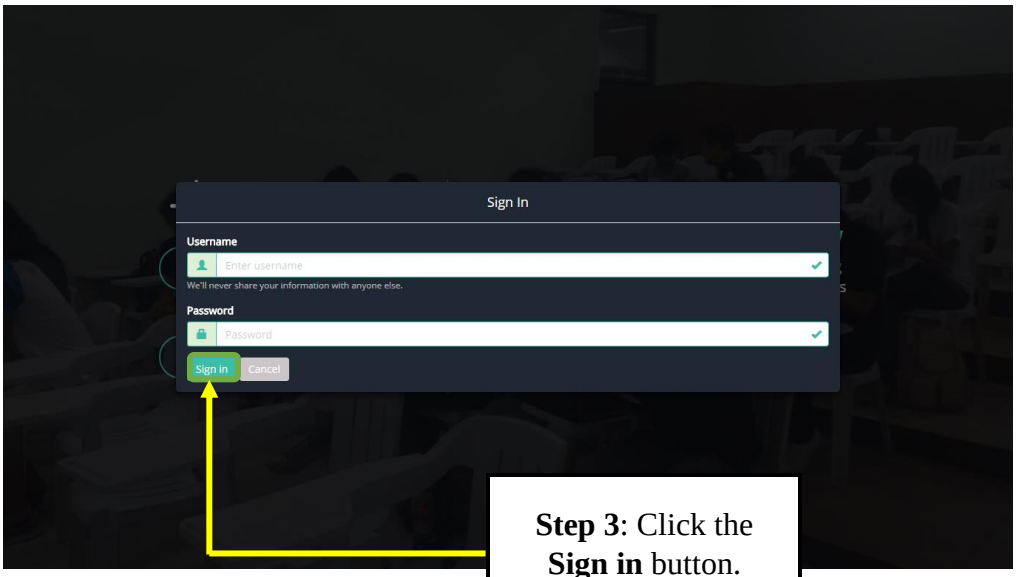
Step 6: Click the **Create note** button.

4. Taking a quiz



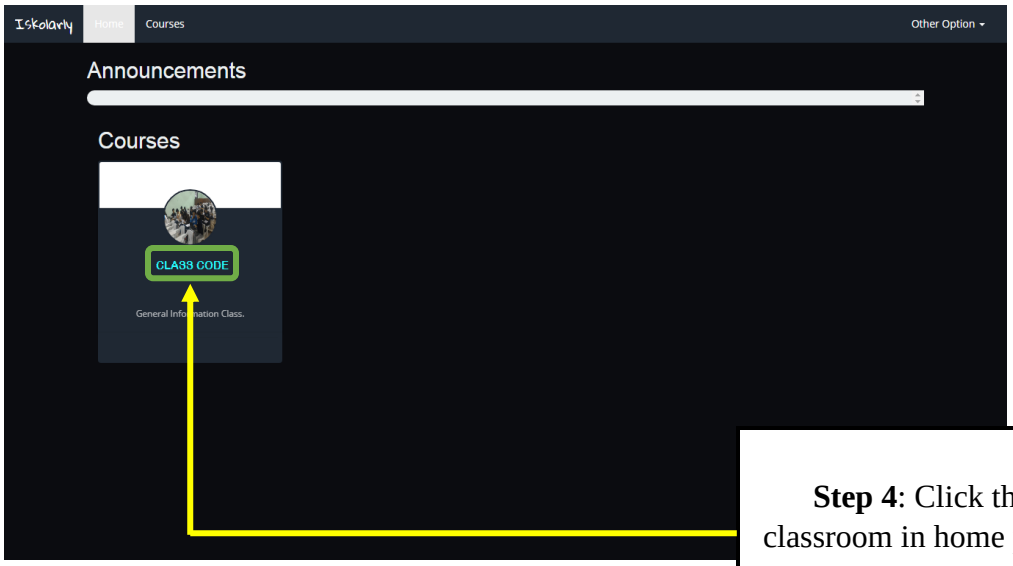
Step 1: Click on the **Sign in** button.

Step 2: Fill up the form using valid credentials.

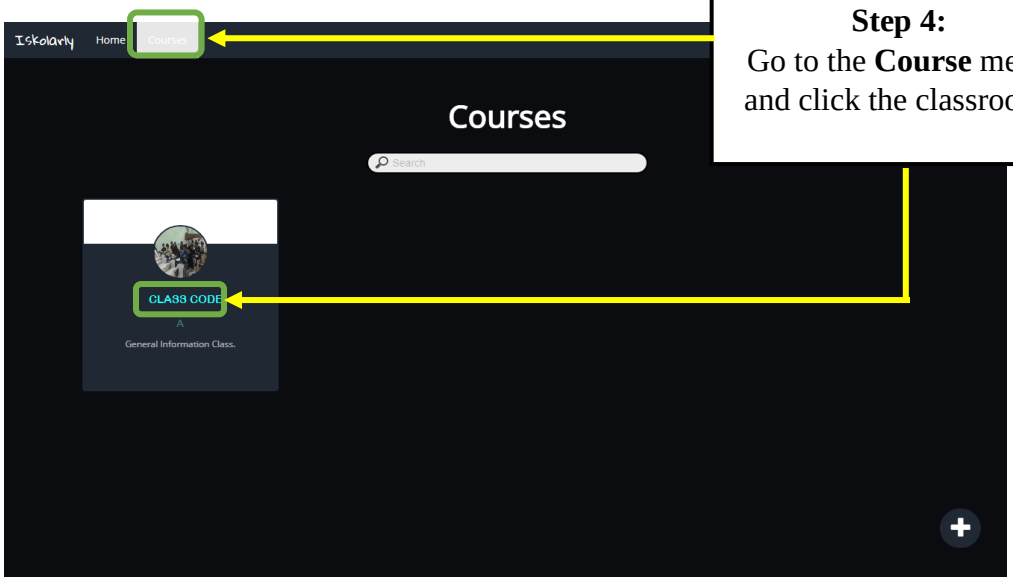


Step 3: Click the **Sign in** button.

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

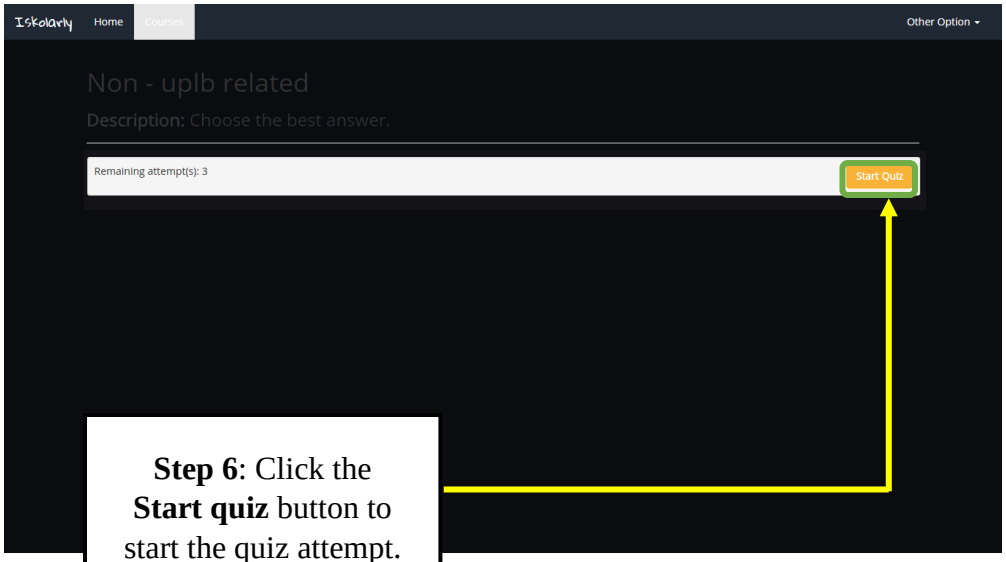


Step 4: Click the classroom in home page.

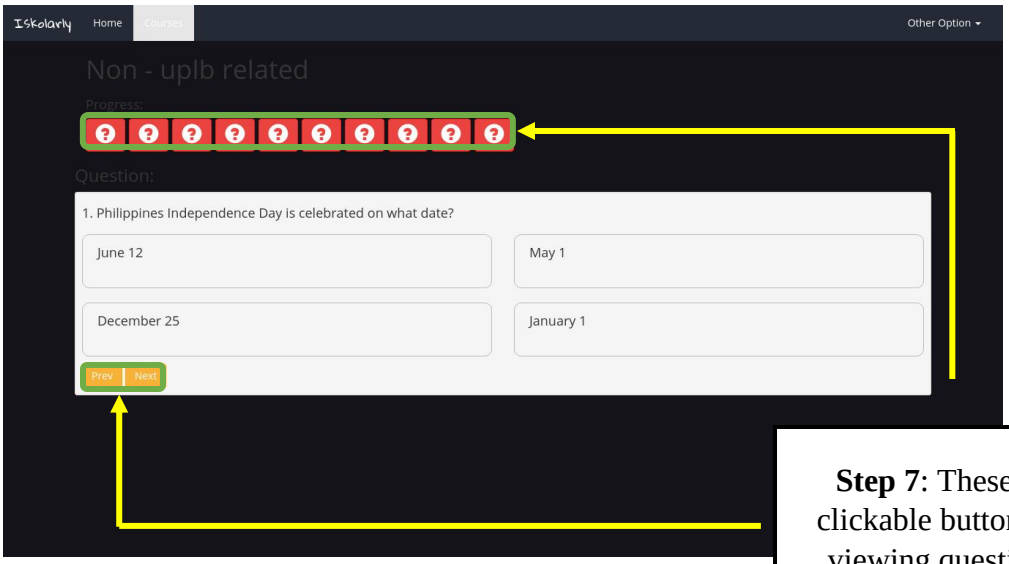


Step 4:
Go to the **Course** menu and click the classroom.

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



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



Step 7: These are clickable buttons for viewing questions.