

Requirement	Retake Attempt via LTI
Author	YouTestMe
Confidentiality	Public
Last save date	Friday, June-24-2022 at 1:58:00 PM

Table of Contents

1	Introduction.....	1
2	Creating an LTI configuration.....	2
3	Creating a test.....	4
4	Setting up a course in ILIAS.....	7
5	Assigning members to the course.....	12
6	Taking the test	12
7	Constraints.....	15

1 Introduction

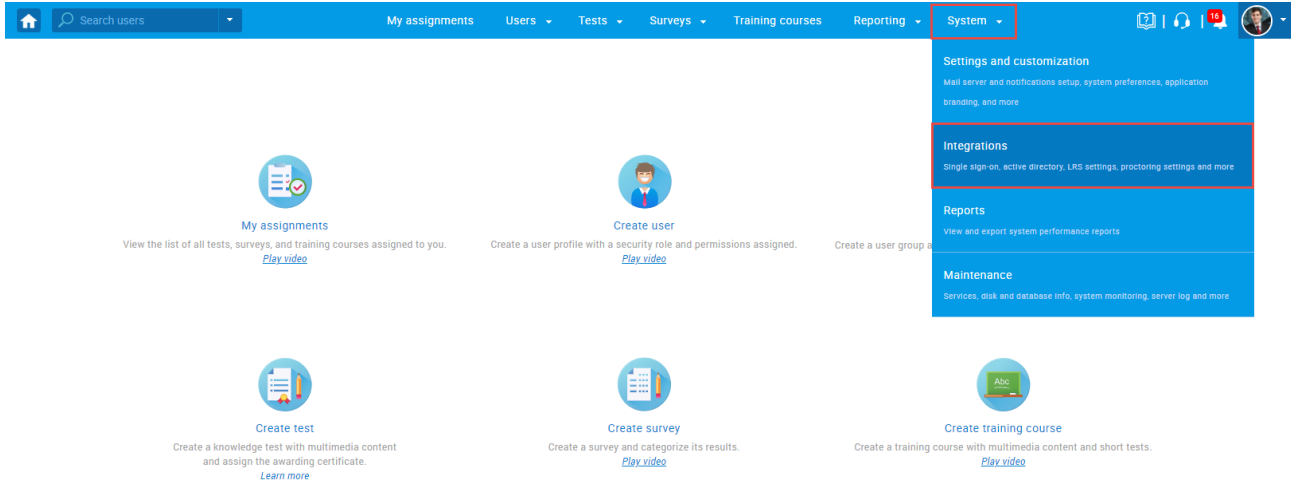
This article explains how to integrate YouTestMe GetCertified with ILIAS via LTI and how candidates can start, finish, and later retake the test.

Integration is conducted with the 5.4. version of ILIAS.

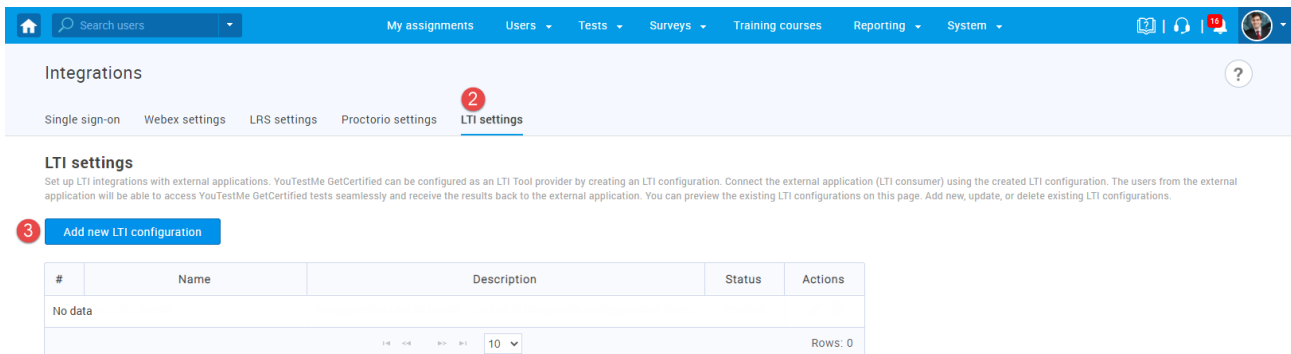
2 Creating an LTI configuration

To set up the integration:

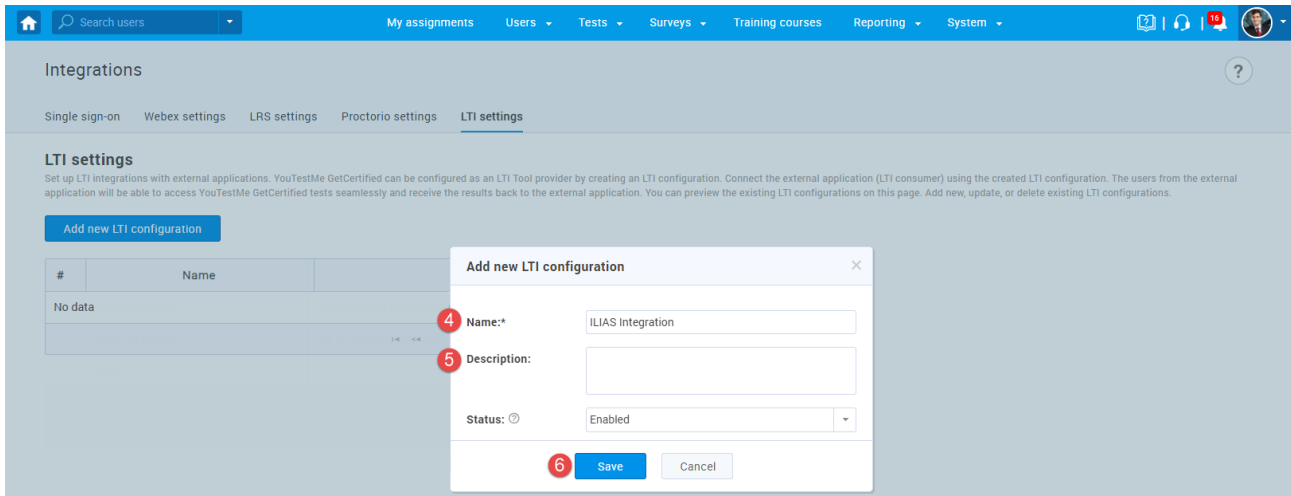
1. Hover over the "**System**" section in the main menu, then select "**Integrations**".



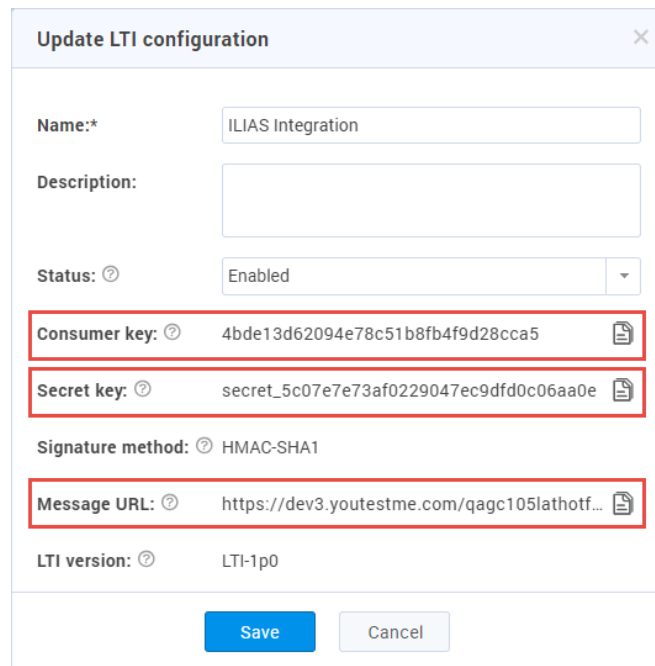
2. Navigate to the "LTI settings" tab.
3. Click the "Add new LTI configuration".



4. Enter a name.
5. Enter a description (optional).
6. Click the "Save" button.



The LTI integration will be created. Click the pencil icon to preview integration details or edit the integration name, description, and status.



"Consumer key", "Secret key", and "Message URL" will be used for External Content configuration in ILIAS.

3 Creating a test

For more information on how to create a test, create a testing session, and assign candidates to it, read the following article:

- [How to create a test and schedule a testing session](#)

To perform this testing successfully, the following rules must be met:

1. To allow candidates to retake the test, you should:
 - 1.1. Check the "**Allow test retaking**" option.
 - 1.2. Allow users to retake the test an unlimited number of times ("**Unlimited**"), or limit the number of test-retake attempts ("**Limited**").
 - 1.3. Set the time required to pass between each retake attempt. Define the period in days, hours, and minutes.

Username admin

Search users

Step 1 Test information | **Step 2 Settings** | Step 3 Certificate | Step 4 Method | Step 5 Add questions | Step 6 Grading | Step 7 Review | Step 8 Save test

Back Next

Test settings

Test template: Select one (optional)

Duration type: Unlimited | Page format: One question per page

Show report: Immediately after finishing the test | Report content: Score and details

Delivery preference: Online

Proctoring settings

Proctoring mode

Pause and Repeat settings

Allow test continuation

1 Allow test retaking

Test retaking settings

Allow unlimited or limited number of test attempts and determine time required to pass between the last and the next test attempt (this settings is optional).

Test attempts: **2** Unlimited Limited

3 Time between attempts: Days: 0 | Hours: 0 | Minutes: 0

Additional possibilities for candidates

Enable 'I don't know' answer to avoid negative points

Enable answer feedback

Show question metadata to candidate

Enable notes

Test taking limitations

Require answering all questions

Disable going backwards in test

Disable answer deselect

Security and data control

Configure report lifespan

Automatically logout candidate after finishing

Require updating profile information

Enable browser lockdown

Hide assignment metadata

Network access: All networks Internal network

Hide advanced settings

2. Set the “Show report” option to “Immediately after finishing the test”.

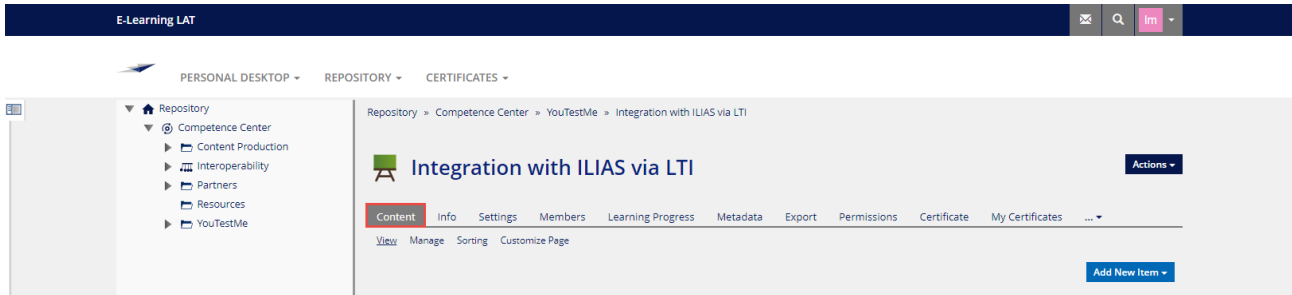
The screenshot shows the 'Test settings' configuration page in the Youtestme interface. The page is divided into several sections: 'Test settings', 'Proctoring settings', and 'Pause and Repeat settings'. In the 'Test settings' section, the 'Show report' dropdown menu is highlighted with a red box and set to 'Immediately after finishing the test'. Other settings include 'Test template' (Select one (optional)), 'Duration type' (Unlimited), 'Page format' (One question per page), 'Report content' (Score and details), and 'Delivery preference' (Online). The 'Proctoring settings' section has a 'Proctoring mode' checkbox that is unchecked. The 'Pause and Repeat settings' section is currently empty.

3. Enable the “Self-enrollment” option when creating a testing session.

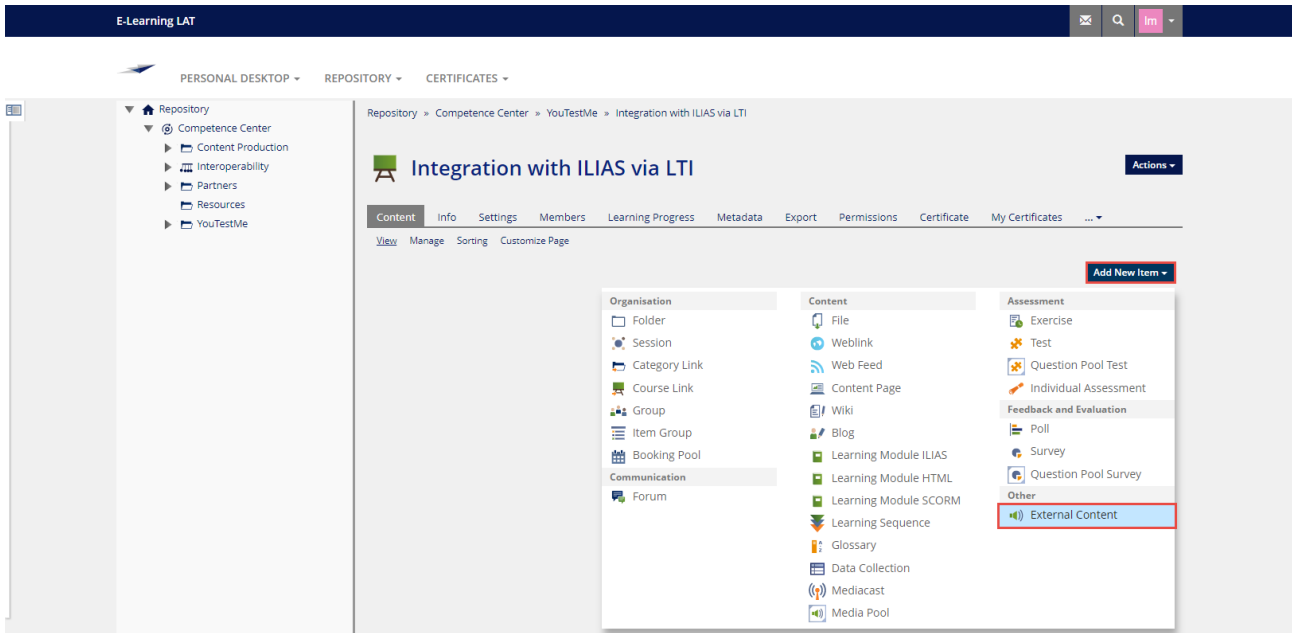
The screenshot shows the 'New testing session' form in the Youtestme interface. The form is titled 'New testing session' and has a close button (X) in the top right corner. The form contains several input fields and dropdown menus: 'Testing session name:*' (text input with 'Session'), 'Location (Optional setting):' (dropdown with 'Select one'), 'Time zone:' (dropdown with 'Europe/Belgrade (GMT +1:00)'), 'Availability:' (two empty text input fields), 'Assign to group (Optional setting):' (dropdown with 'Select group'), 'Assign to training (Optional setting):' (dropdown with 'Select training'), and 'Candidate self enrollment:' (checkbox that is checked and highlighted with a red box). At the bottom of the form, there are two buttons: 'Show booking settings' and 'Show additional settings', both with dropdown arrows. At the very bottom, there are 'Cancel' and 'Save' buttons.

4 Setting up a course in ILIAS

Open the desired course and navigate to the "Content" tab.

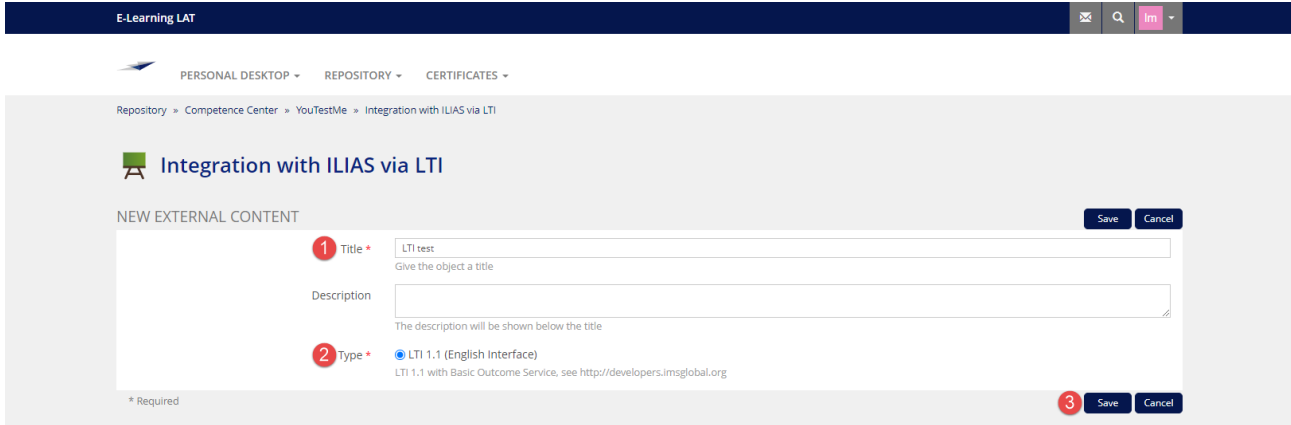


Click the "Add New Item" button, then choose "External Content".

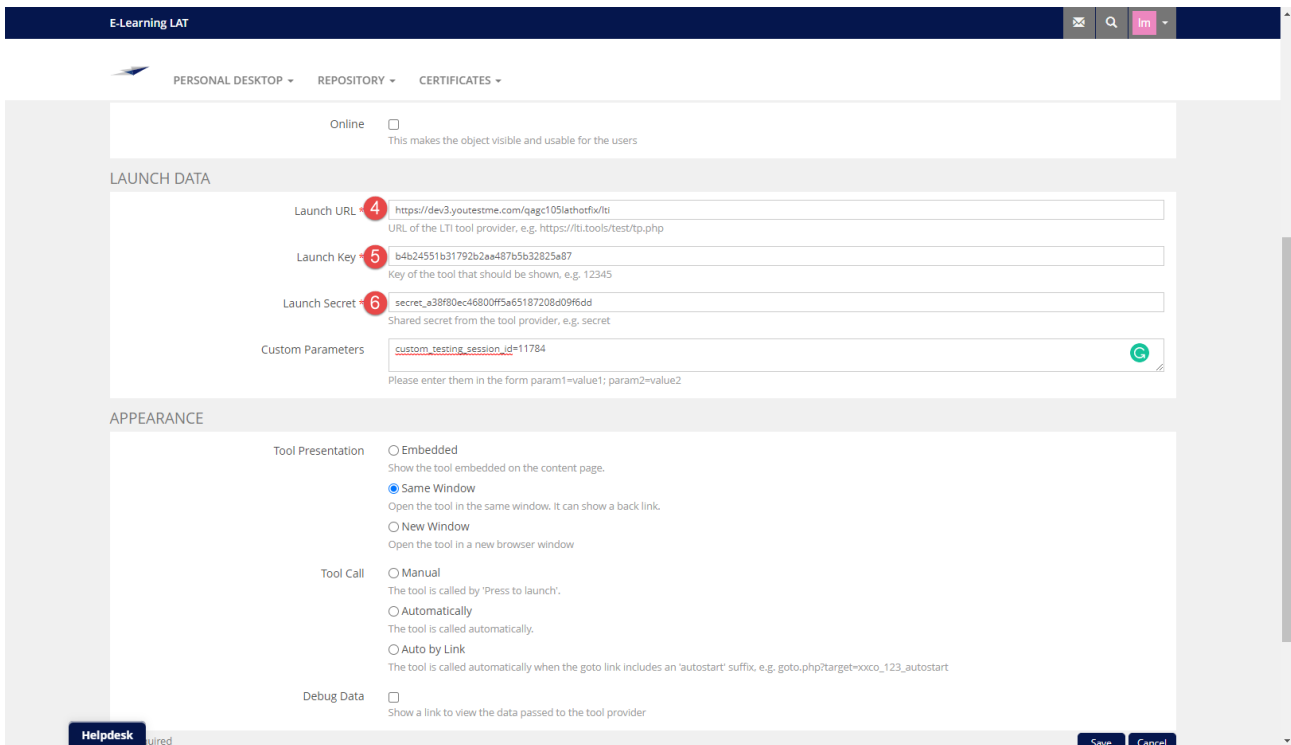


Then:

1. Enter a title.
2. Select a type.
3. Click the "Save" button.



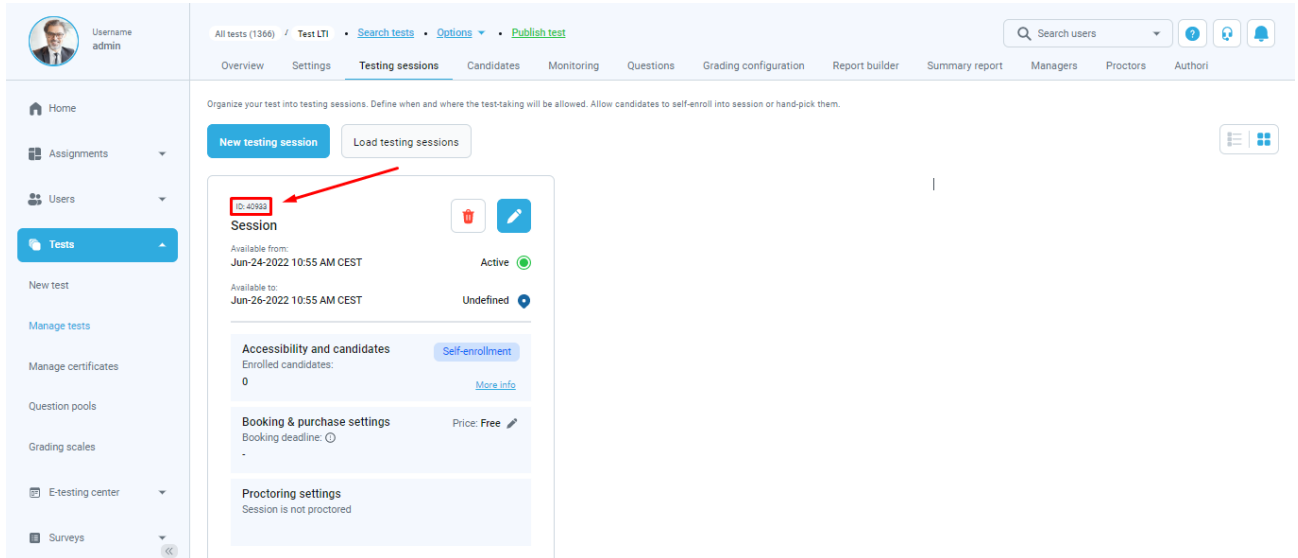
4. In the "Launch URL" field, enter the "Message URL" from the YouTestMe GetCertified application.
5. In the "Launch Key" field, enter the "Consumer key" from the YouTestMe GetCertified application.
6. In the "Launch Secret" field, enter the "Secret key" from the YouTestMe GetCertified application.



7. In the "Custom parameters" field, enter two possible options:

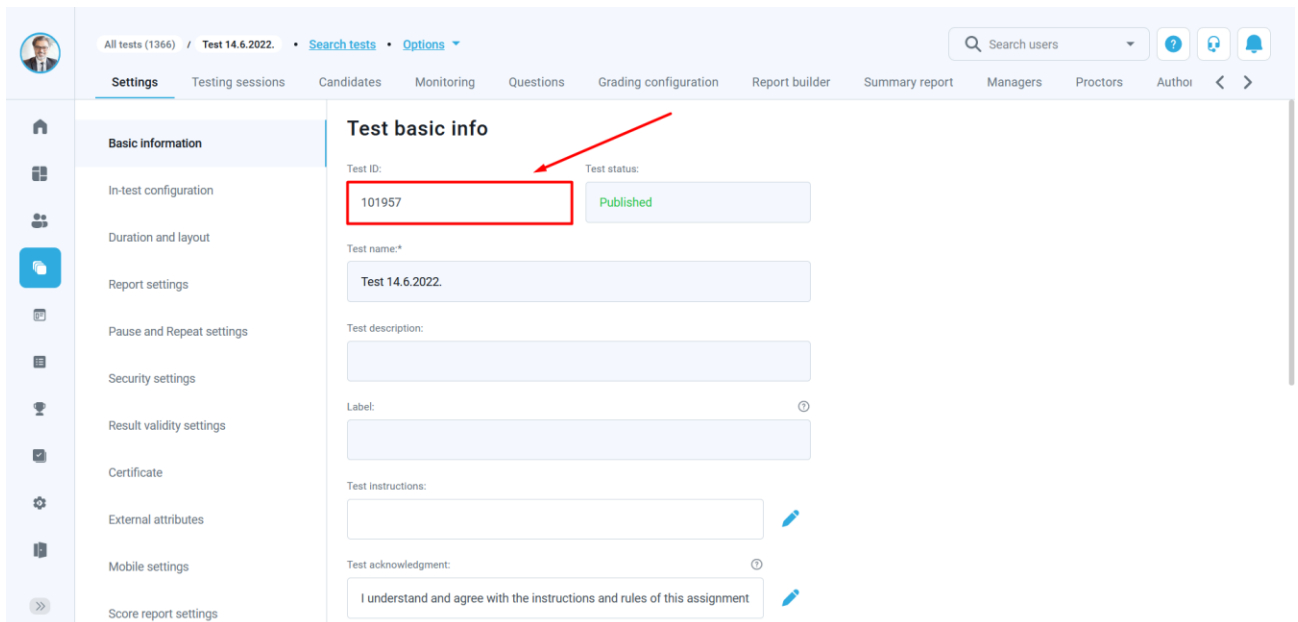
- a. "custom_testing_session_id=" - the ID of the testing session in which the candidates need to take the test.

The **Testing sessions ID** in the YouTestMe GetCertified application can be found in the top left corner of the created session.



- b. "custom_test_id=" - the ID of the test. **Note:** If this parameter is specified, the candidate will not be directly assigned to the testing session but will have an option to choose one of the available self-enrollment testing sessions.

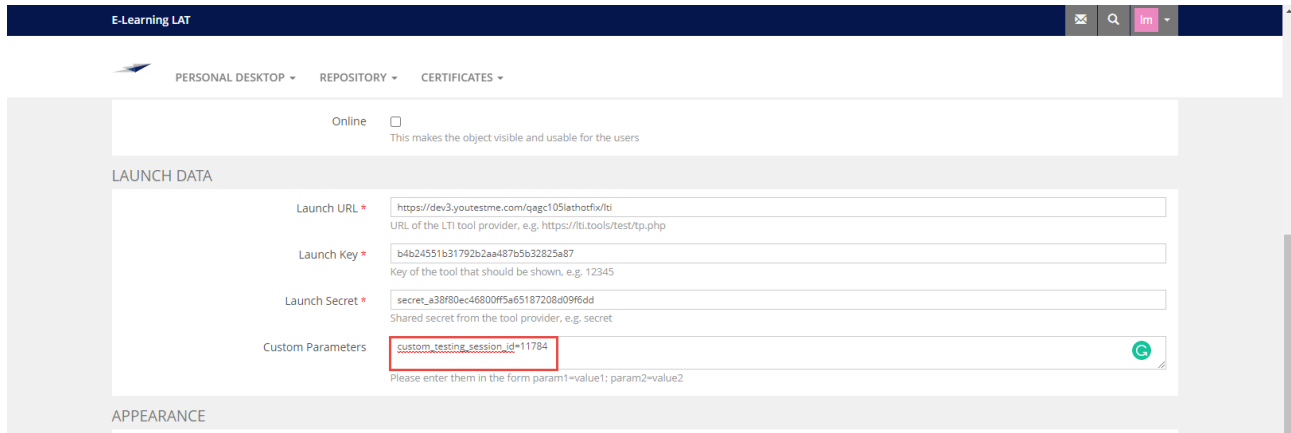
The **Test ID** in the YouTestMe GetCertified application can be found in the top left corner of the Basing information tab in the test settings.



Note: If both parameters are specified, the "custom_test_id=" will take priority.

Please check the picture below to see an example of how to enter text in the "Custom parameters" field properly.

For "custom_testing_session_id=":



E-Learning LAT

PERSONAL DESKTOP REPOSITORY CERTIFICATES

Online
This makes the object visible and usable for the users

LAUNCH DATA

Launch URL *
URL of the LTI tool provider, e.g. https://lti.tools/test/tp.php

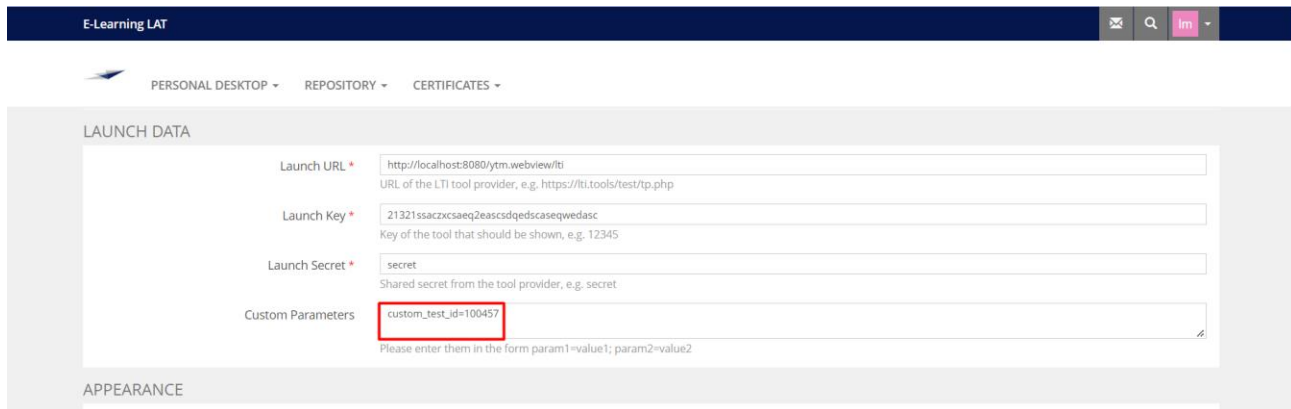
Launch Key *
Key of the tool that should be shown, e.g. 12345

Launch Secret *
Shared secret from the tool provider, e.g. secret

Custom Parameters
Please enter them in the form param1=value1; param2=value2

APPEARANCE

For "custom_test_id=":



E-Learning LAT

PERSONAL DESKTOP REPOSITORY CERTIFICATES

LAUNCH DATA

Launch URL *
URL of the LTI tool provider, e.g. https://lti.tools/test/tp.php

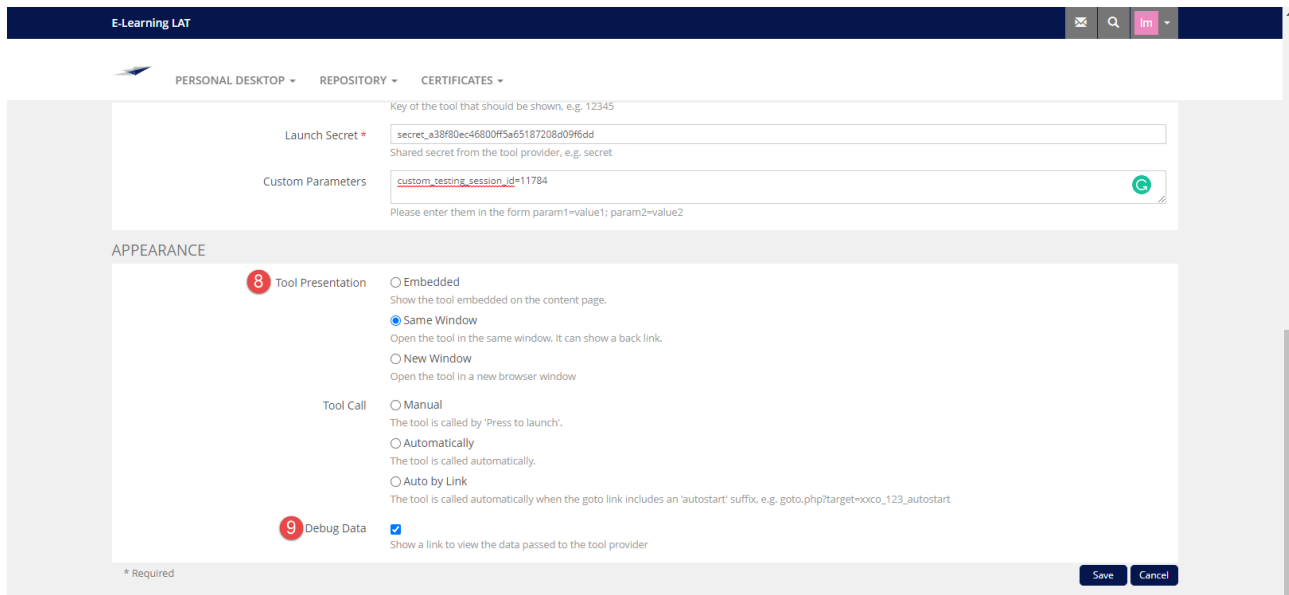
Launch Key *
Key of the tool that should be shown, e.g. 12345

Launch Secret *
Shared secret from the tool provider, e.g. secret

Custom Parameters
Please enter them in the form param1=value1; param2=value2

APPEARANCE

8. A suggestion is to check **"Same widow"** for the **"Tool presentation"** option.
9. It would be useful to enable the **"Debug Data"** option.




E-Learning LAT

PERSONAL DESKTOP ▾ REPOSITORY ▾ CERTIFICATES ▾

Key of the tool that should be shown, e.g. 12345

Launch Secret *
Shared secret from the tool provider, e.g. secret

Custom Parameters 
Please enter them in the form param1=value1; param2=value2

APPEARANCE

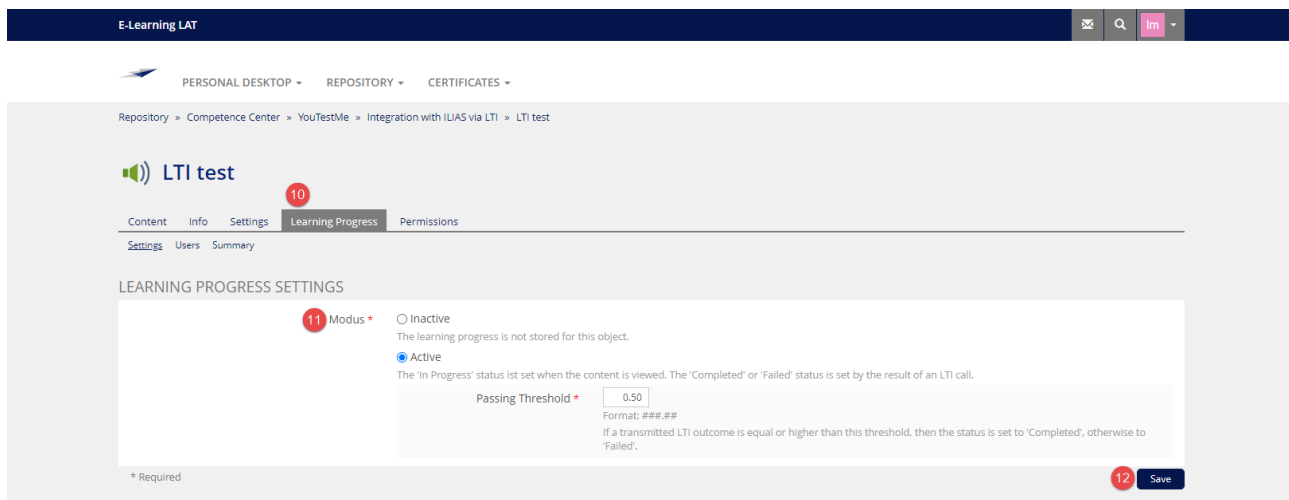
8 Tool Presentation Embedded
Show the tool embedded on the content page.
 Same Window
Open the tool in the same window. It can show a back link.
 New Window
Open the tool in a new browser window.

Tool Call Manual
The tool is called by 'Press to launch'.
 Automatically
The tool is called automatically.
 Auto by Link
The tool is called automatically when the goto link includes an 'autostart' suffix, e.g. goto.php?target=xxco_123_autostart

9 Debug Data
Show a link to view the data passed to the tool provider

* Required Save Cancel


10. Navigate to the **"Learning Progress"** tab.
11. For the **"Modus"** option, set **"Active"**.
12. Click the **"Save"** button.



E-Learning LAT

PERSONAL DESKTOP ▾ REPOSITORY ▾ CERTIFICATES ▾

Repository > Competence Center > YouTestMe > Integration with ILIAS via LTI > LTI test

 LTI test

10

Content Info Settings **Learning Progress** Permissions

Settings Users Summary

LEARNING PROGRESS SETTINGS

11 Modus * Inactive
The learning progress is not stored for this object.
 Active
The 'In Progress' status is set when the content is viewed. The 'Completed' or 'Failed' status is set by the result of an LTI call.

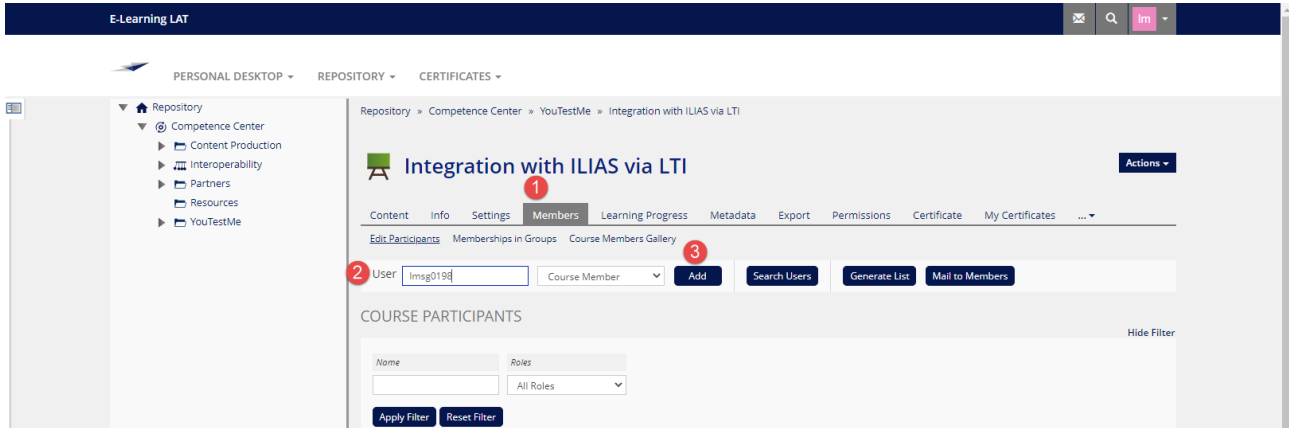
Passing Threshold *
Format: ###.##
 If a transmitted LTI outcome is equal or higher than this threshold, then the status is set to 'Completed', otherwise to 'Failed'.

* Required **12** Save

5 Assigning members to the course

To assign the desired members to the course:

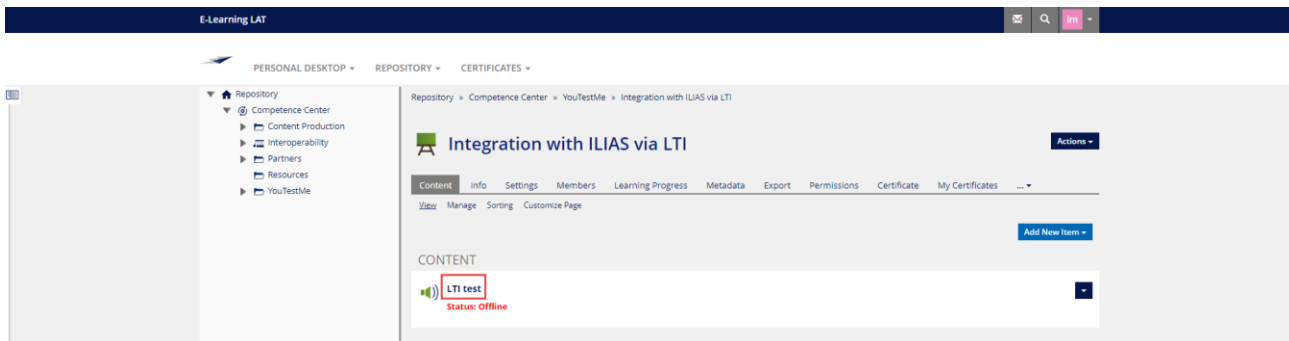
1. Navigate to the "**Members**" tab.
2. Enter a member name in the "**User**" field and choose the desired account from the list.
3. Click the "**Add**" button.



6 Taking the test

Once open the desired course, do the following:

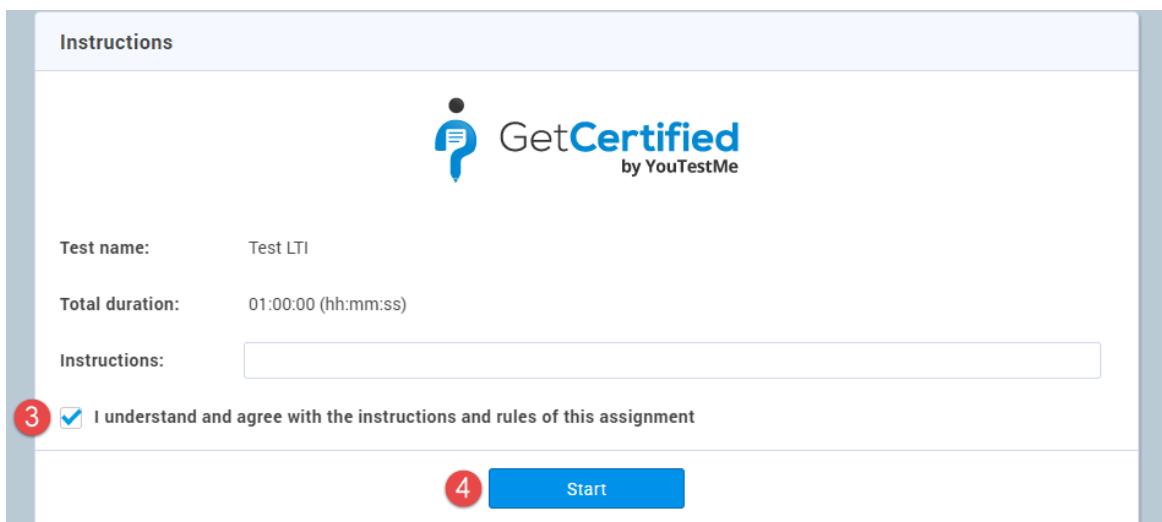
1. Click on the test name.



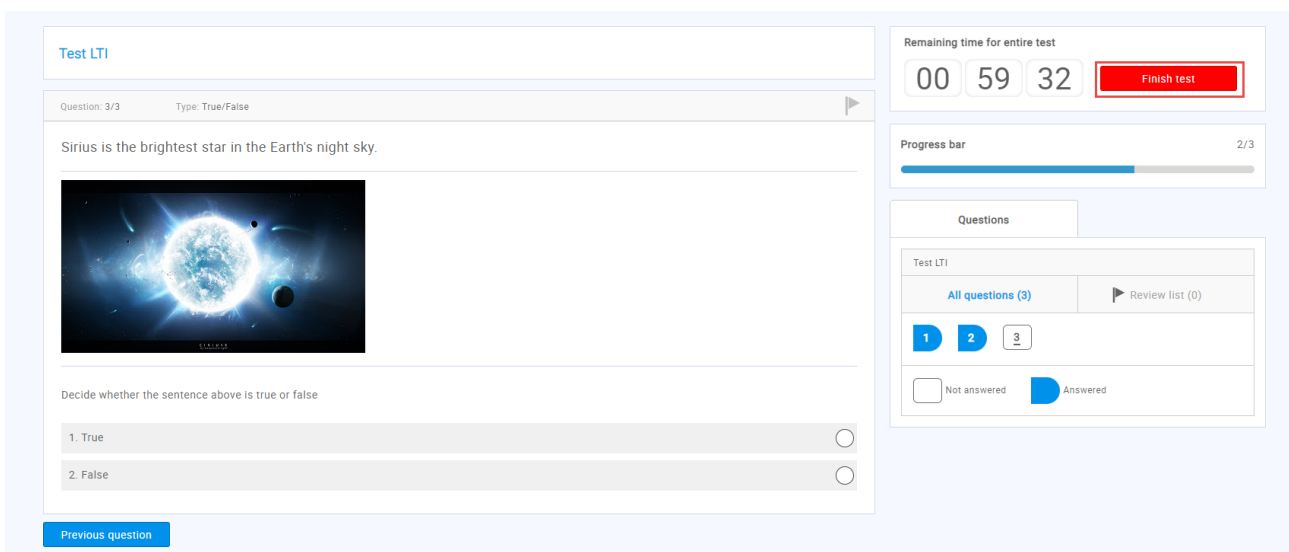
2. Click the **"Press to launch"** button to start the test.



3. Acknowledge the test instructions.
4. Start the test by clicking the **"Start"** button.



5. Answer questions, then finish the test by clicking the **"Finish test"** button.



Depending on the test settings, you may be able to preview the test report. To log out from the YouTestMe GetCertified application, click the "Sign out" button.

(lmsg0066)
Personal report

Export ▾

Test name: Test LTI

Label:

Started: Mar-03-2022 01:03 PM UTC

Finished: Mar-03-2022 01:04 PM UTC

Time spent: 00:01:05

Passing score: 50.0%

Score: 5.0%

Result: Failed

Verification date: Not verified


Question pools

Question pool	Passing mark	Score	Status
Astronomy	50%	5.00% (1/20 points) 1 correct, 1 incorrect, 1 skipped questions	Failed

Questions
Test version: Test version 1

Question: 1 of 3 Type: Single choice Points: 5 Penalty: 1 Difficulty: Easy Question pool: Astronomy

The groupations of stars that form a shape (such as Crux and Ursa Major) are called:



Answers:

- 1. Stellas
- 2. Stragates
- 3. Stargroups
- 4. Constables
- 5. Constellations

Sign out

If the "Same Window" is previously set for the "Tool presentation" option in ILIAS, you will be navigated to the course page again.

If the test retaking is allowed, the candidates can click the "Press to launch" button to retake the test in the same way they started the test for the first time. They will be navigated to the YouTestMe application where the "Retake" button should be available.

Failed

Test LTI

Previous attempts

User group
None

Result validity
Unlimited

Completed at:
Jun-24-2022 11:48 AM CEST

Location
None

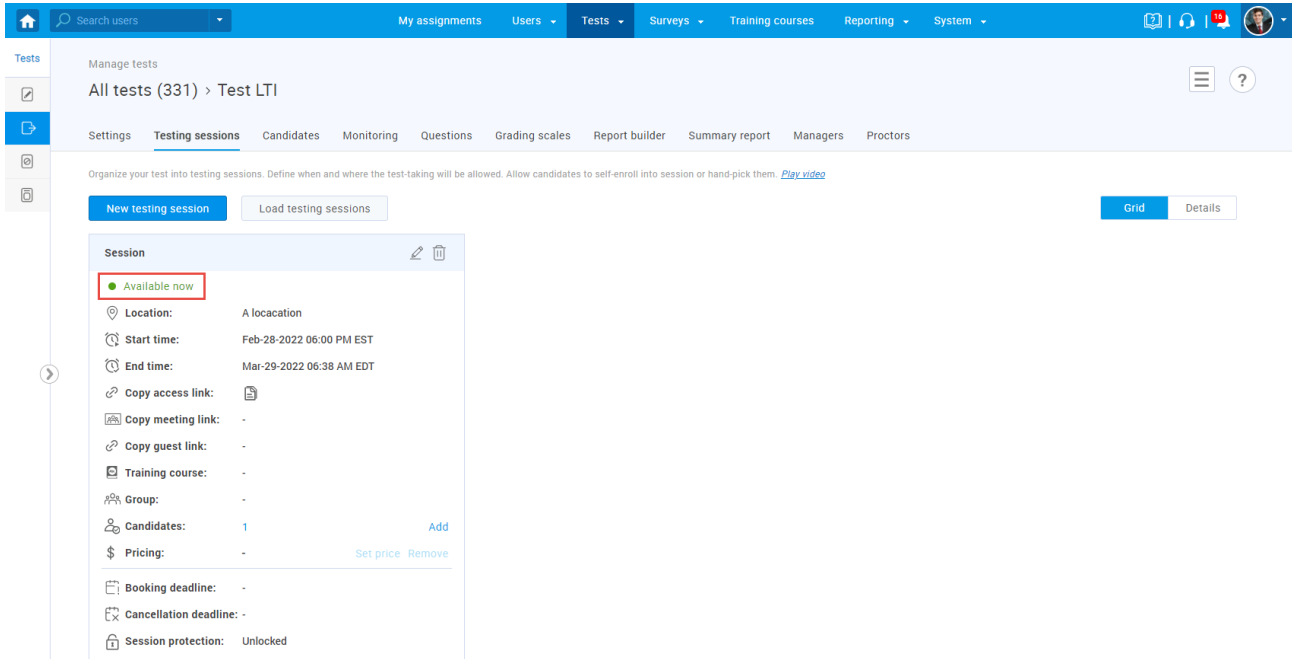
Score
0.00%

Retake

Personal report

7 Constraints

- The assigned testing session must be "**Available now**" when accessing the test link.



The screenshot displays the 'Testing sessions' management page in the Youtestme system. The page title is 'All tests (331) > Test LTI'. The navigation menu includes 'Settings', 'Testing sessions', 'Candidates', 'Monitoring', 'Questions', 'Grading scales', 'Report builder', 'Summary report', 'Managers', and 'Proctors'. The 'Testing sessions' tab is active, showing a list of sessions. A session is highlighted with a red box, indicating its status as 'Available now'. The session details are as follows:

Session	Details
● Available now	
Location:	A location
Start time:	Feb-28-2022 06:00 PM EST
End time:	Mar-29-2022 06:38 AM EDT
Copy access link:	Copy
Copy meeting link:	-
Copy guest link:	-
Training course:	-
Group:	-
Candidates:	1 Add
Pricing:	- Set price Remove
Booking deadline:	-
Cancellation deadline:	-
Session protection:	Unlocked