LTI Integration

User Guide (Version 1.8.2)

moodle & Adobe Connect

User Guide

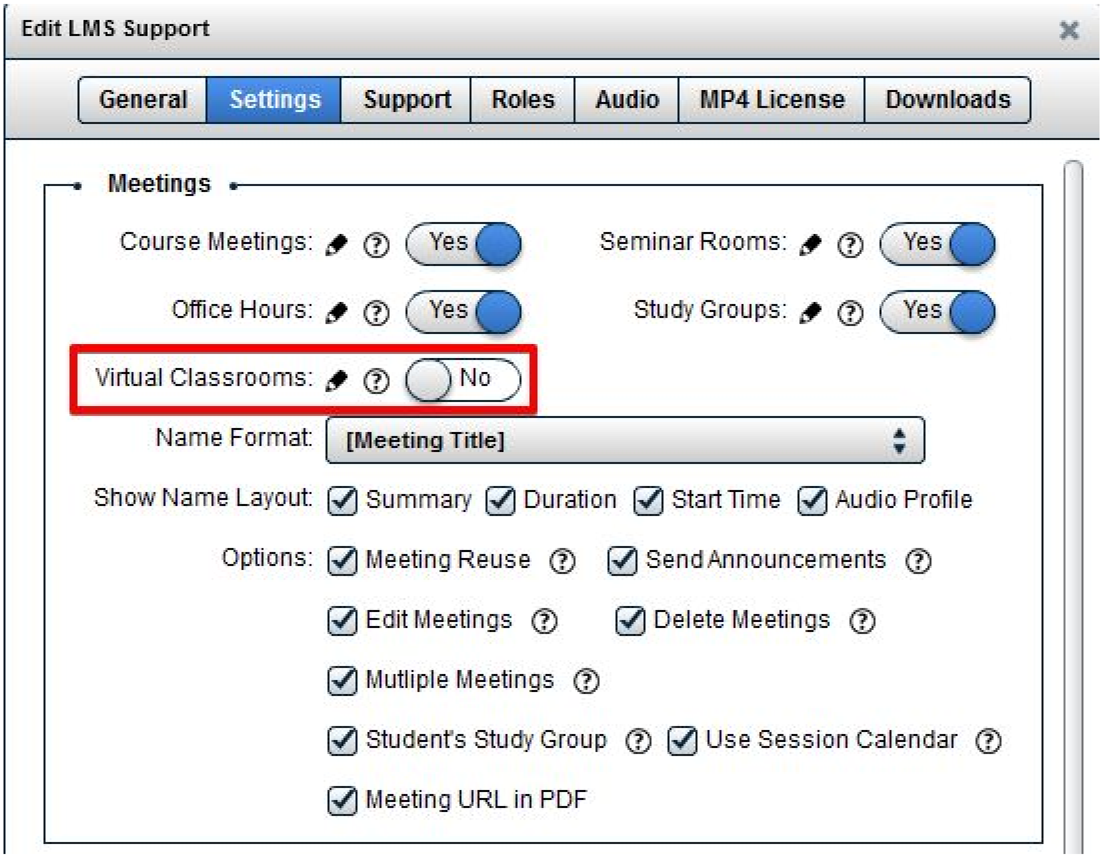
Version 1.8.2

What's New In v1.8.2?

Note: please clear your cache and restart your browser to apply latest features.

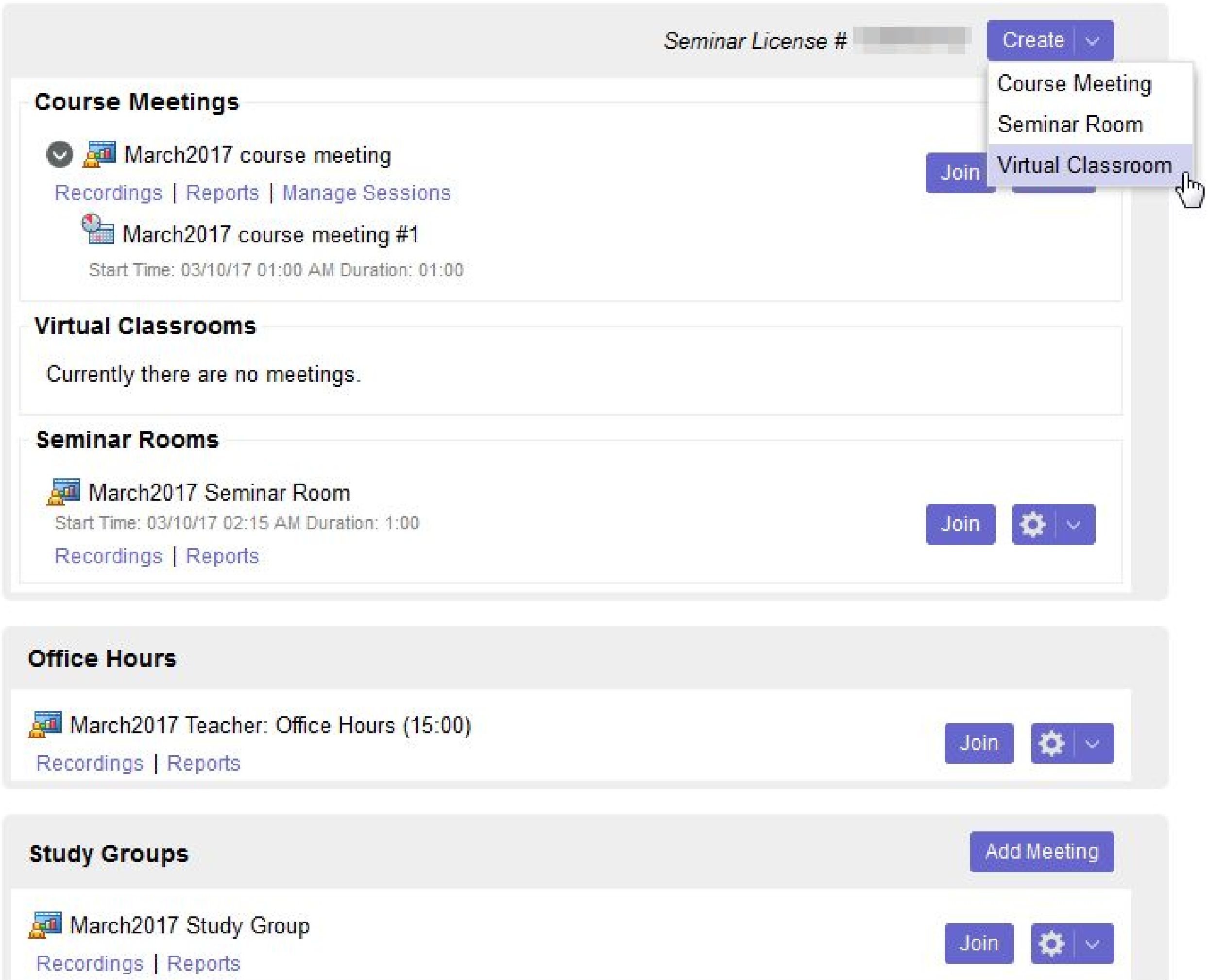
Virtual Classrooms Support (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Virtual Classrooms** (is disabled by default, can be edited) option.

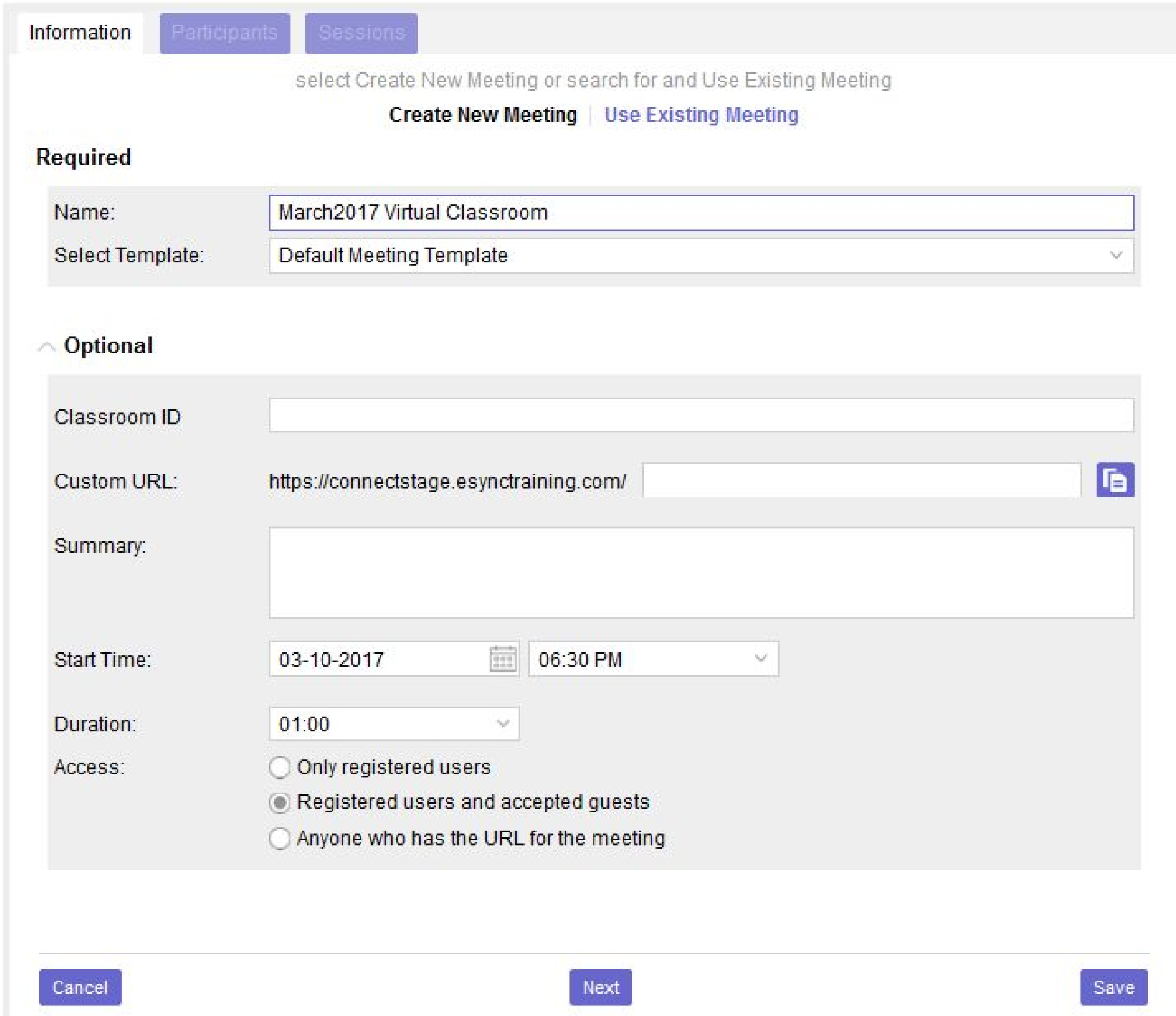


This setting allows teachers to create *Virtual Classrooms* and *Sessions* in Adobe Connect.

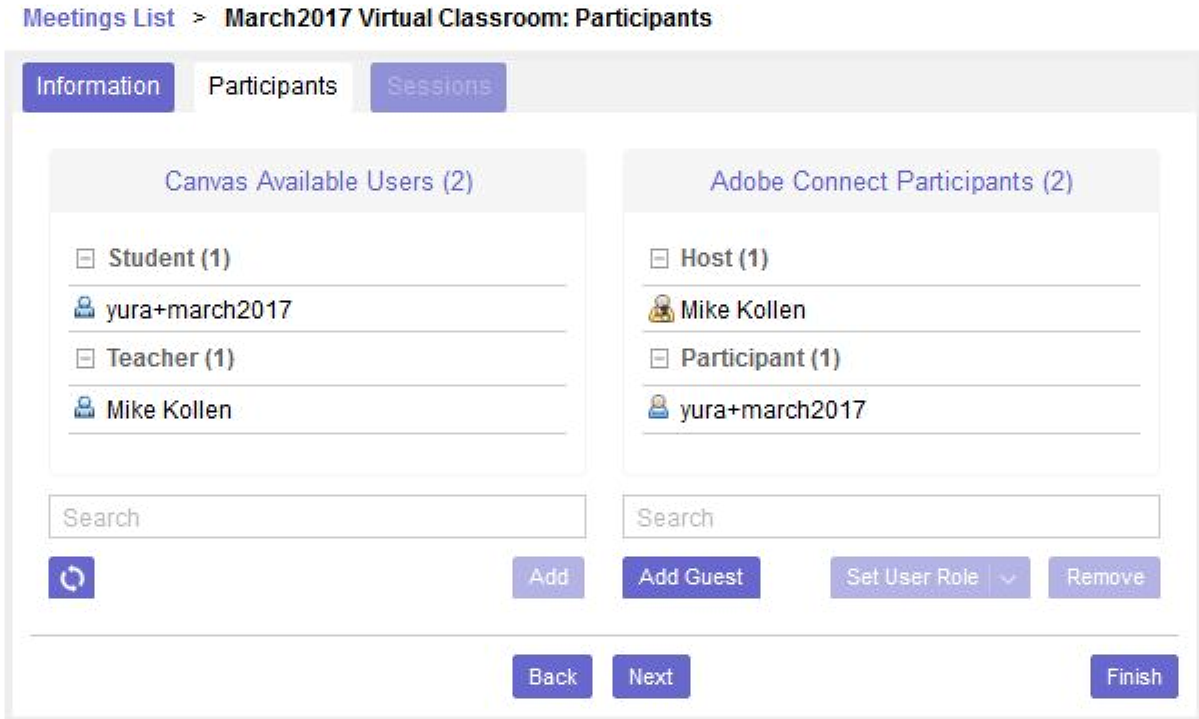
Open the *Adobe Connect* LTI and observe the application.
To create a *Virtual Classroom* open the **Create** dropdown menu and select **Virtual Classroom** option.



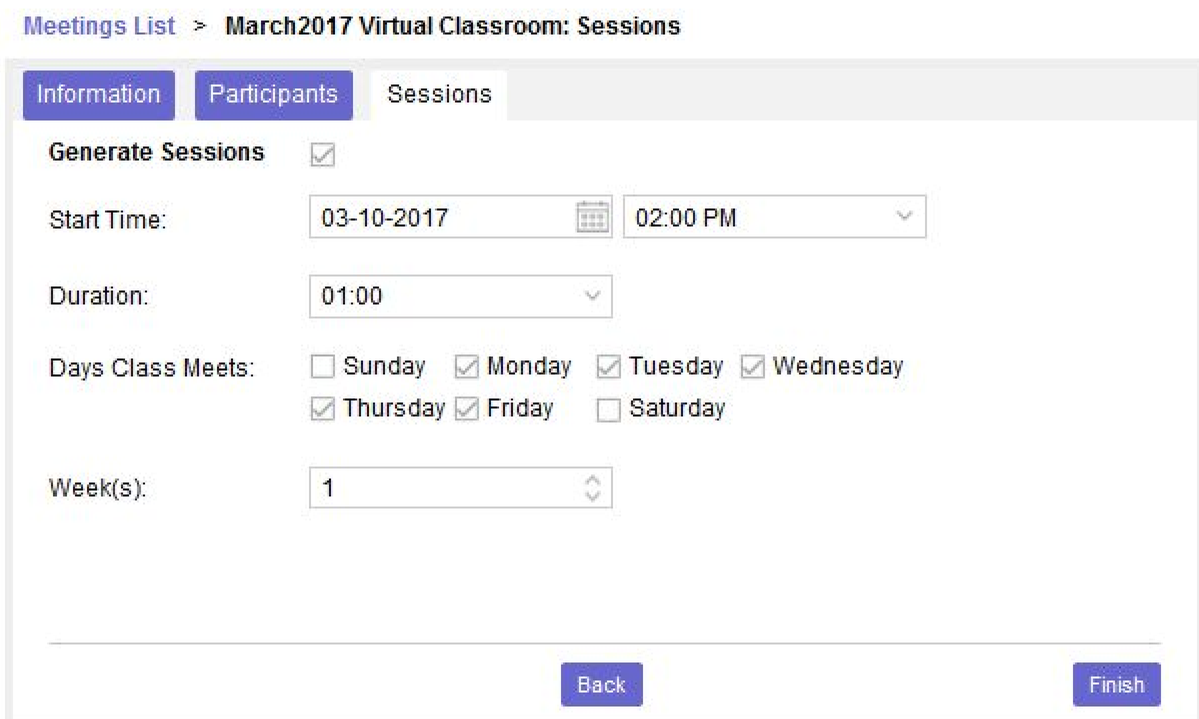
Populate the following form and click on the **Next** button.
*NOTE: **Optional** section is collapsed by default.



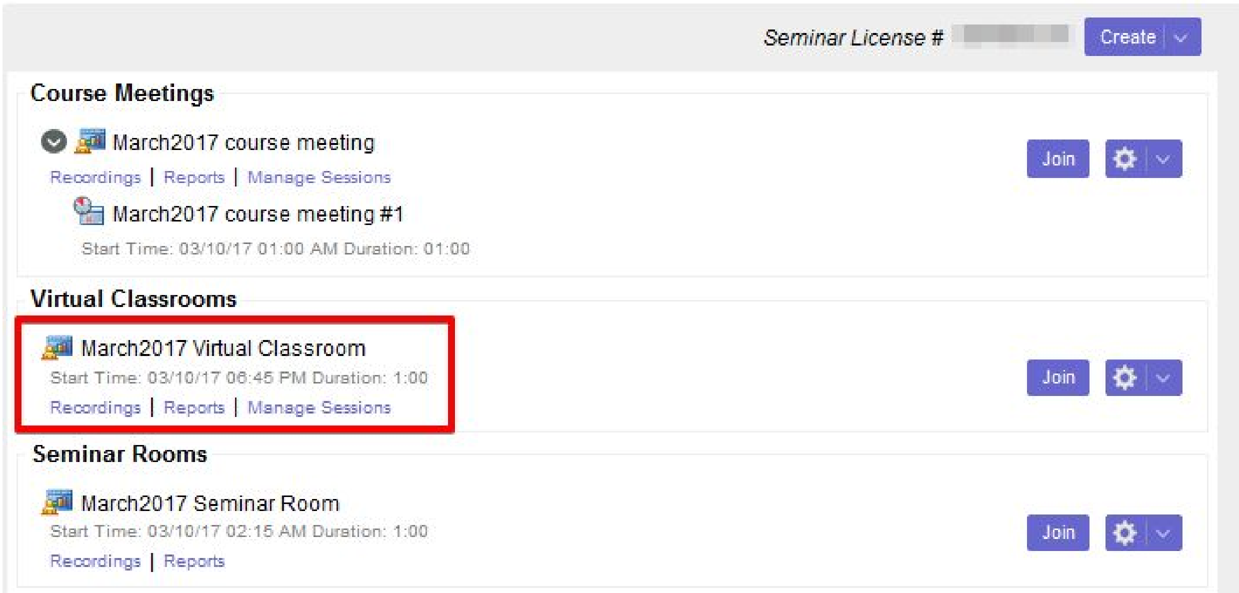
Map Canvas users to Adobe Connect roles. Select any user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu. Click on the **Next** button.



Turn on Generate Sessions option, populate the following form and click on the **Finish** button to complete the process.



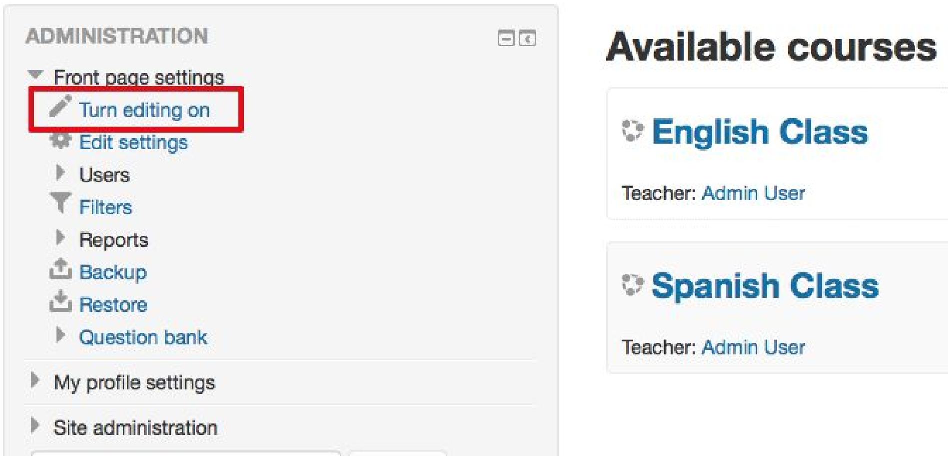
As a result the new **Virtual Classroom** will appear on Meeting List view under **Virtual Classrooms** area.



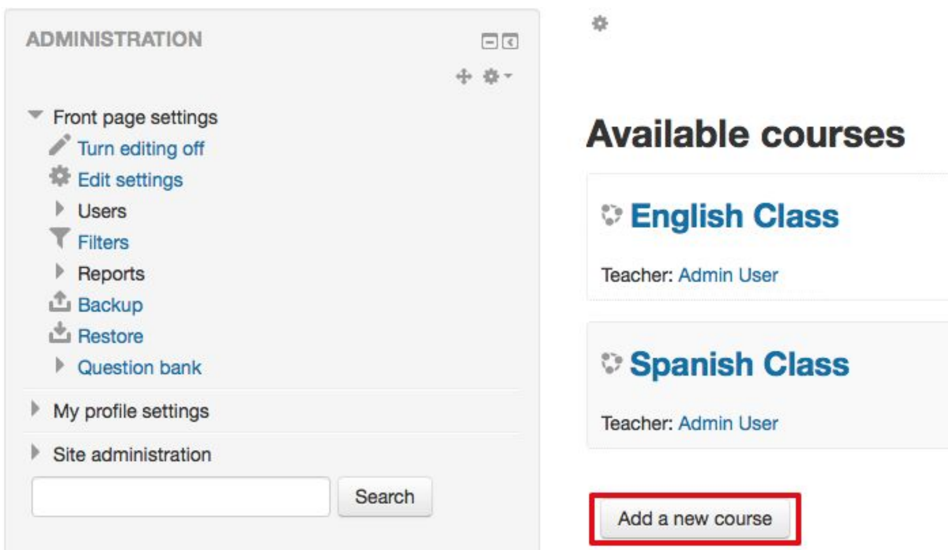
Course Administrator Guide

Add the Adobe Connect LTI Link to the Course

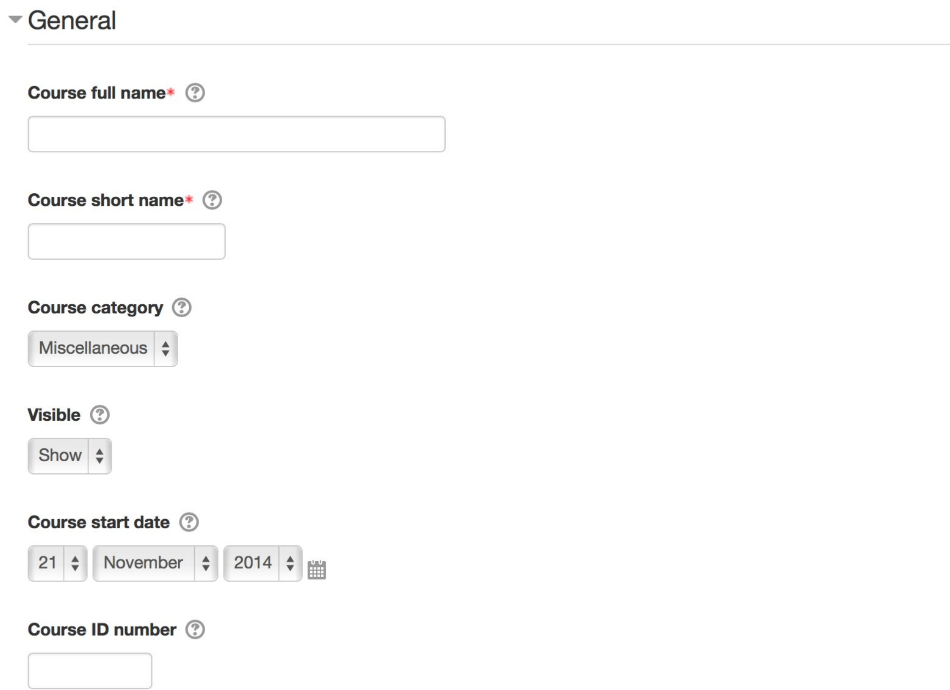
On the Home screen click on the **Turn editing on** link.



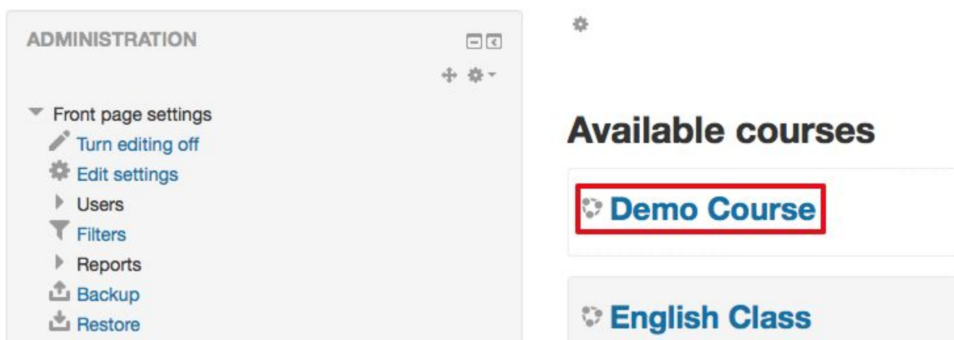
Click on the **Add a new course** button.



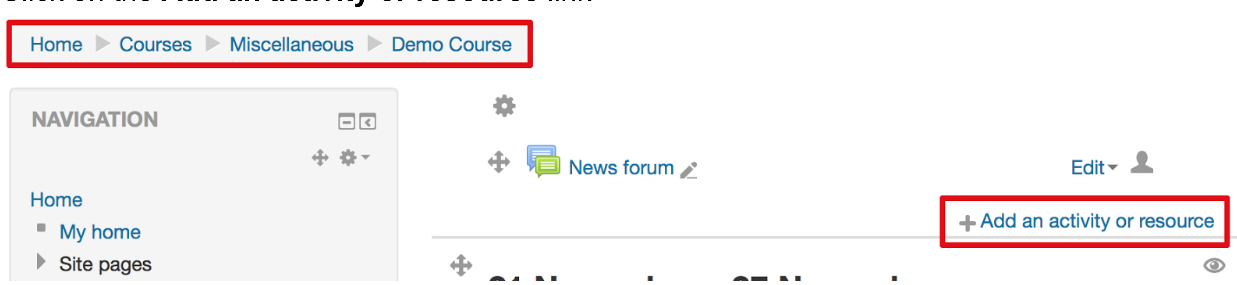
Populate the following form and click on the **Save changes** button to finish the process.



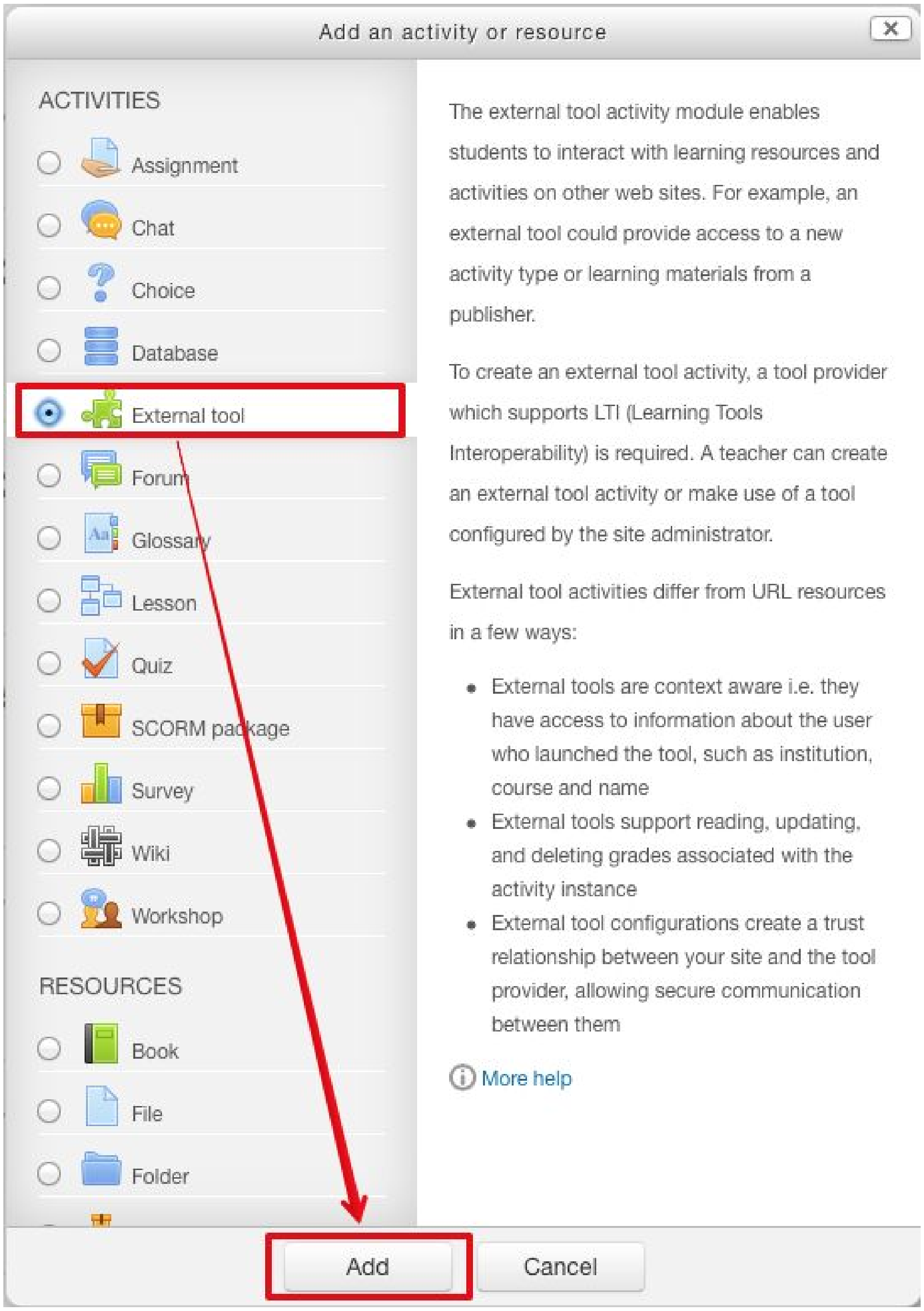
Navigate to the *Home* screen and select the course.



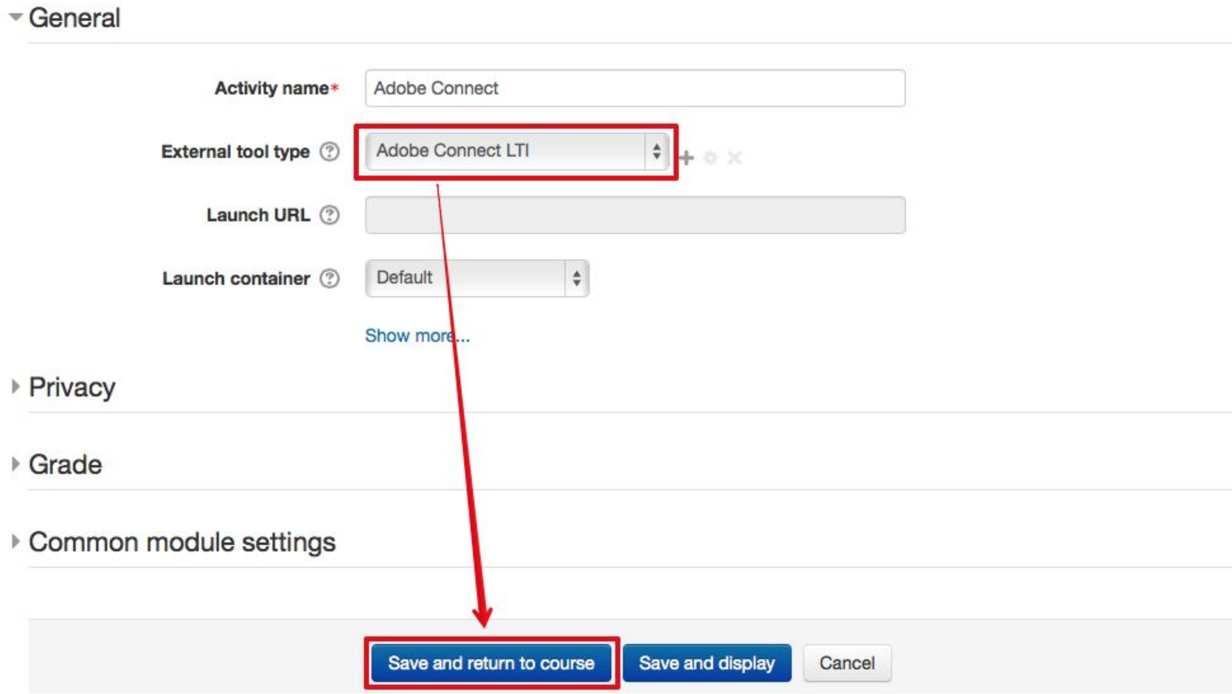
Click on the **Add an activity or resource** link



Select the **External tool** activity and click on the **Add** button.



Enter the **Activity name**, select the proper **External tool type** that was previously created and click on the **Save and return to course** button.

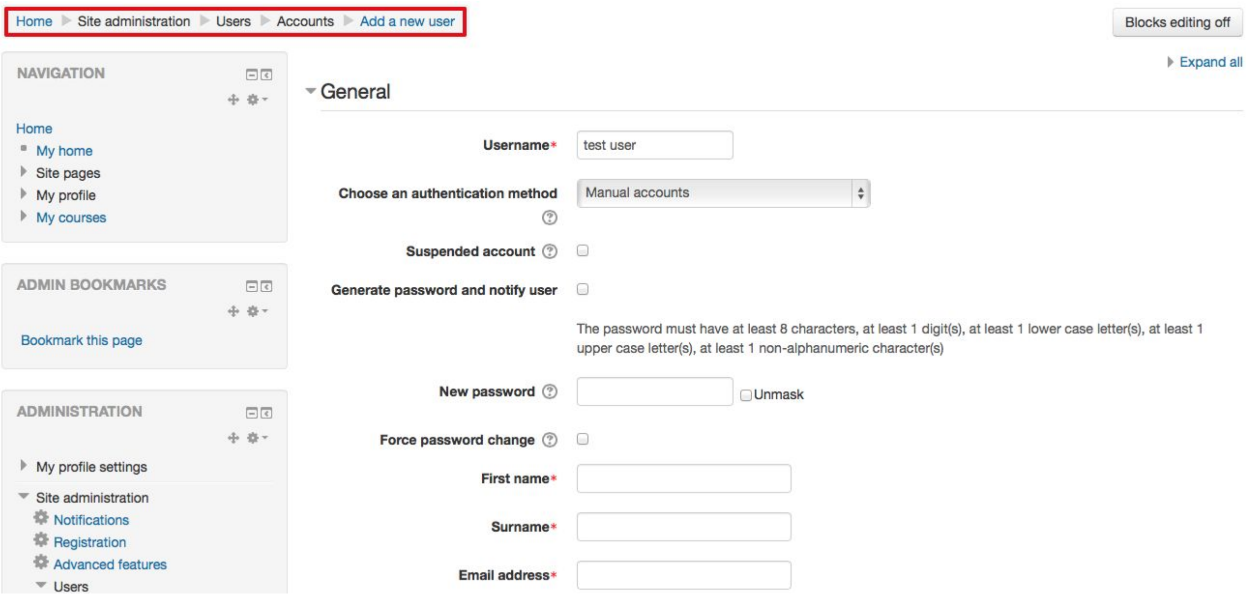


Add or Reuse Existing Users to the Course to Add to Adobe Connect Meeting

Add a New User to Your Moodle Account

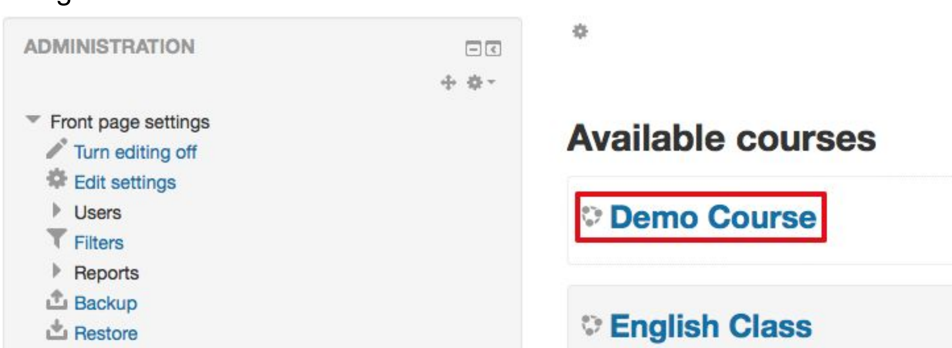
In the **Administration** navigation on the left side, open the **Add a new user** page. The page is located at the following path: Administration -> Site administration -> Users -> Accounts -> Add a new user.

Populate the following form and click on the **Create user** button to finish the process.

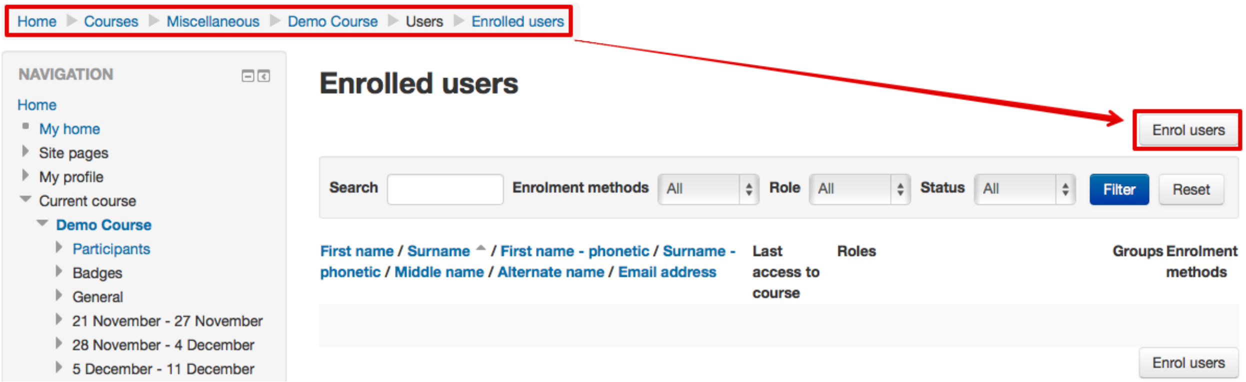


Enroll Users to the Course

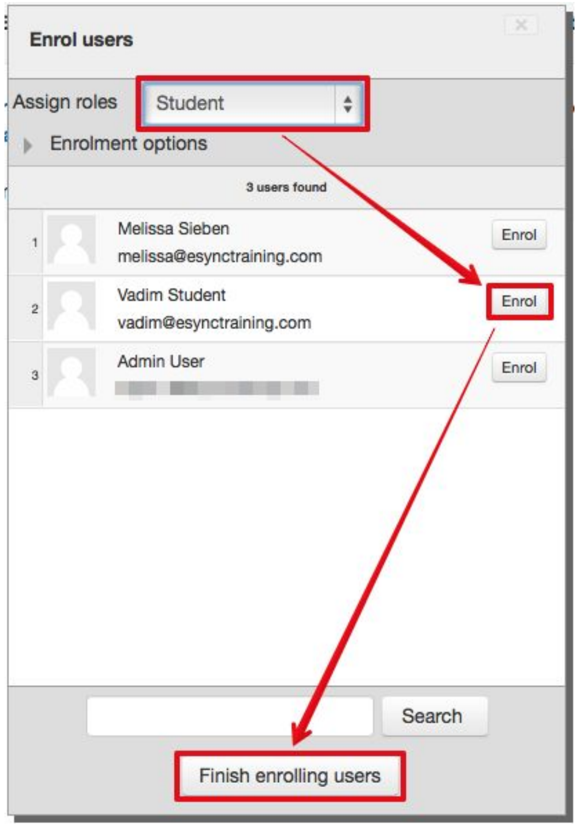
Navigate to the *Home* screen and select the course.



In the **Administration** navigation on the left side, open the **Enrolled users** page. The page is located at the following path: Administration -> Course administration -> Users -> Enrolled user. Click on the **Enrol users** button.



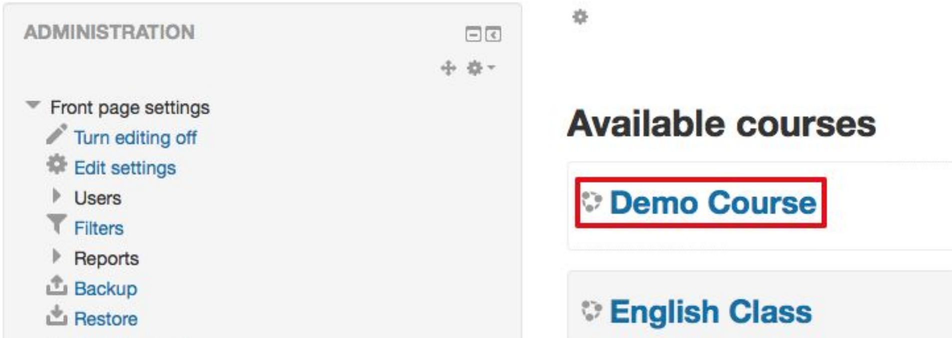
Select the required role and click on the **Enrol** button next to the required user..



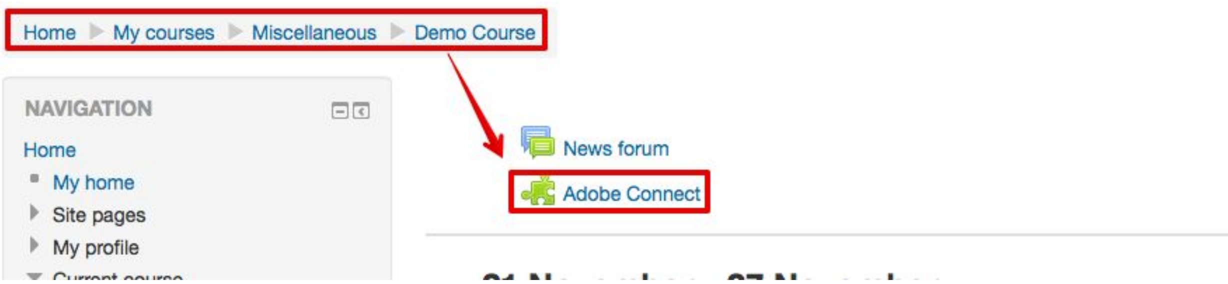
Click on the **Finish enrolling users** button to close the *Enrol users* window.

Create a New Adobe Connect Meeting

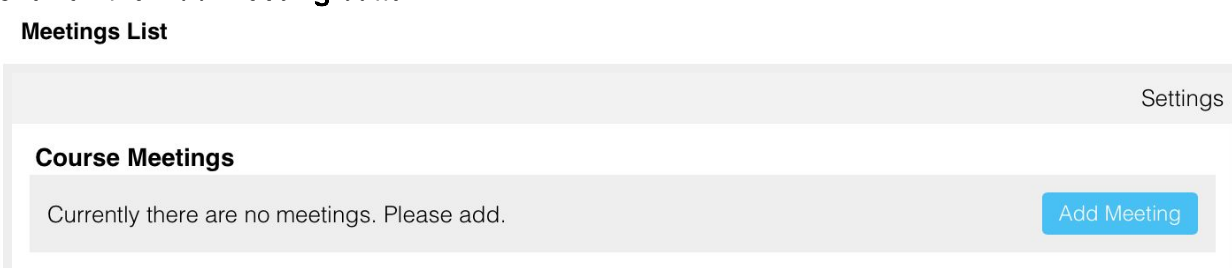
Navigate to the *Home* screen and select the course.



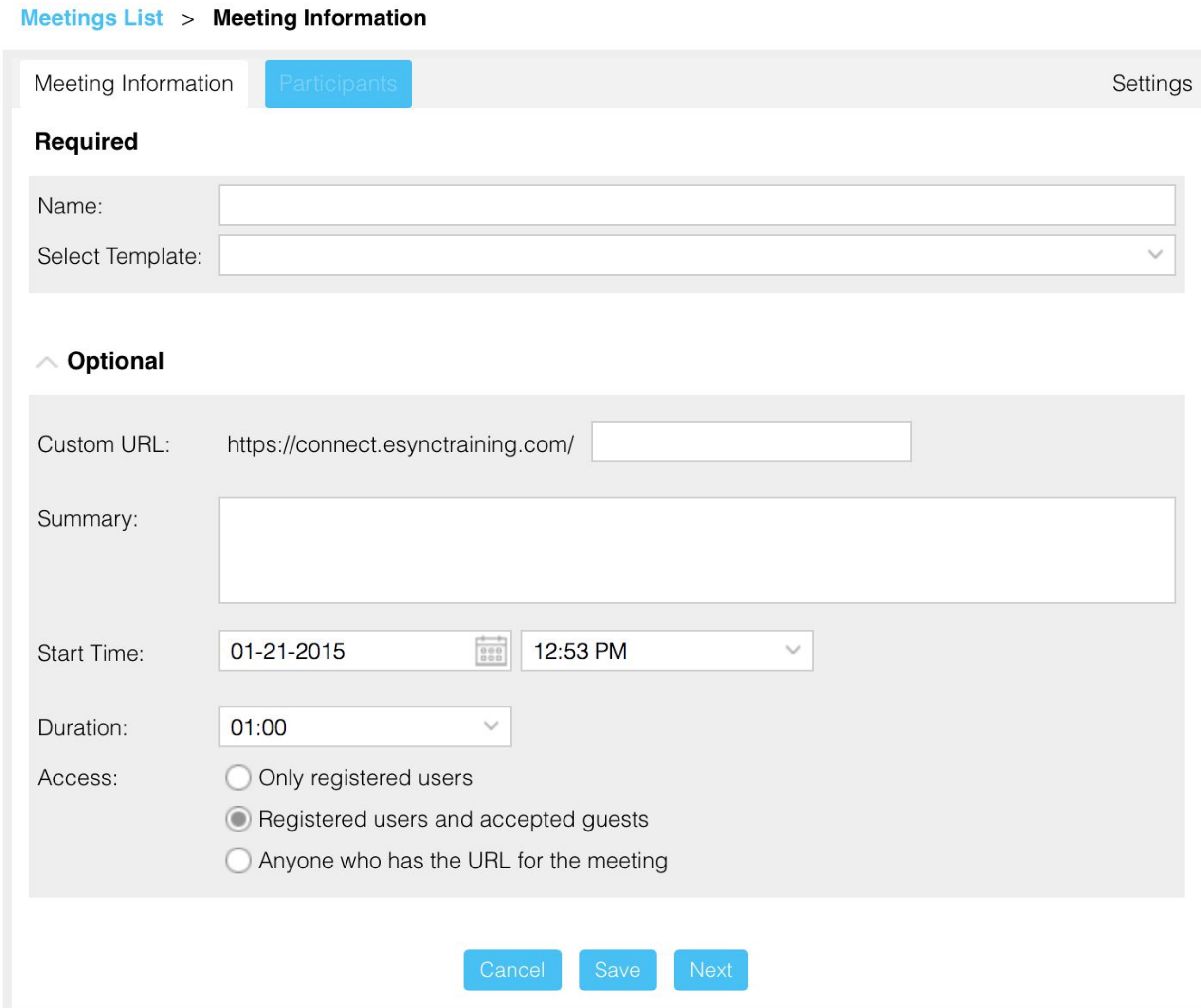
Click on the previously added *Adobe Connect* activity.



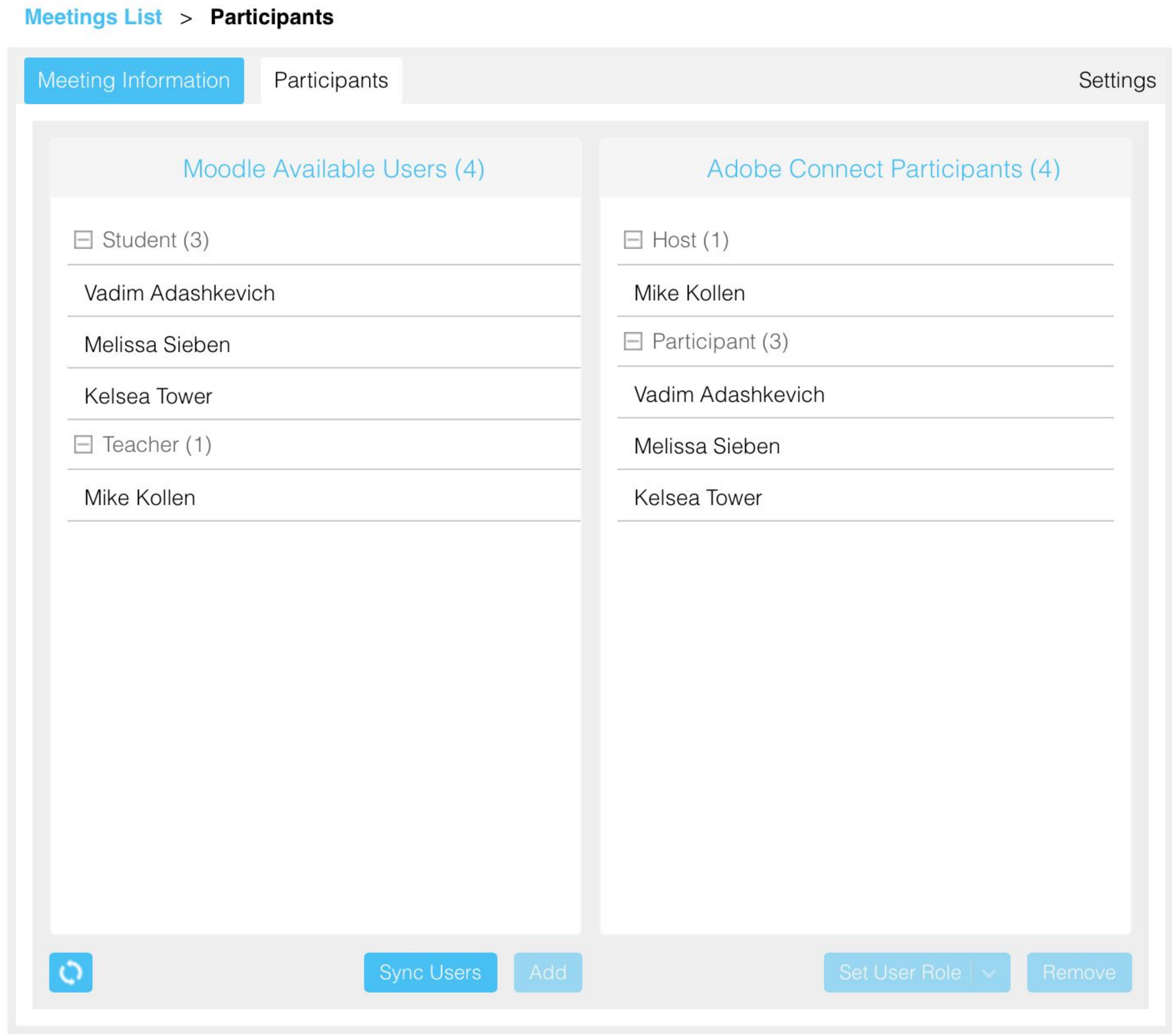
Click on the **Add Meeting** button.



Populate the following form and click on the **Next** button.
*NOTE: **Optional** section is collapsed by default.



Map Moodle users to Adobe Connect roles. Select any user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.



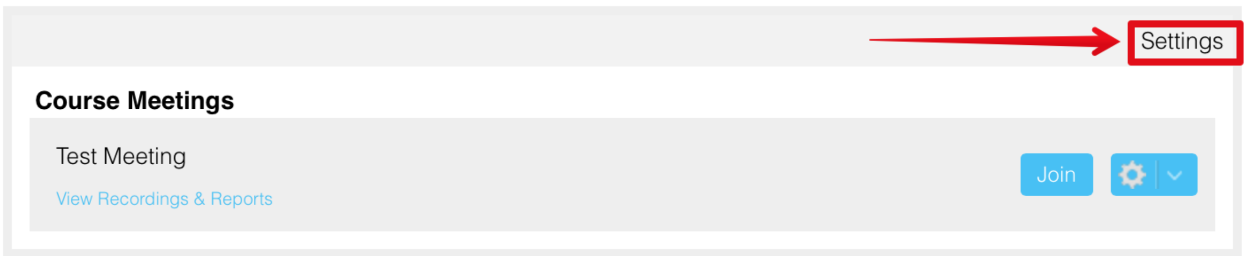
Default LMS to Adobe Connect roles mapping:

LMS	Adobe Connect
Teacher	Host
Student	Participant
Site administrator	Host
Non-editing teacher	Host
Manager	Participant
Guest	Participant
Course creator	Participant
Authenticated user on the front page role	Participant
Authenticated user	Participant

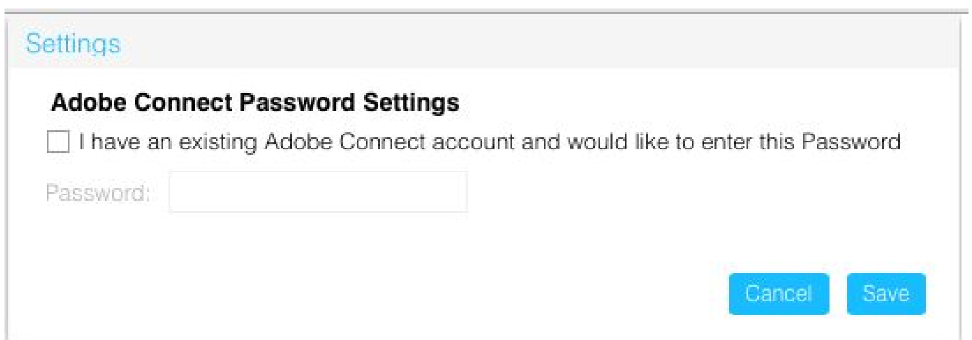
Click on the **Finish** button to complete the process.

Each Moodle user has a possibility to set Adobe Connect Password rule clicking on **Settings** link.

Meetings List



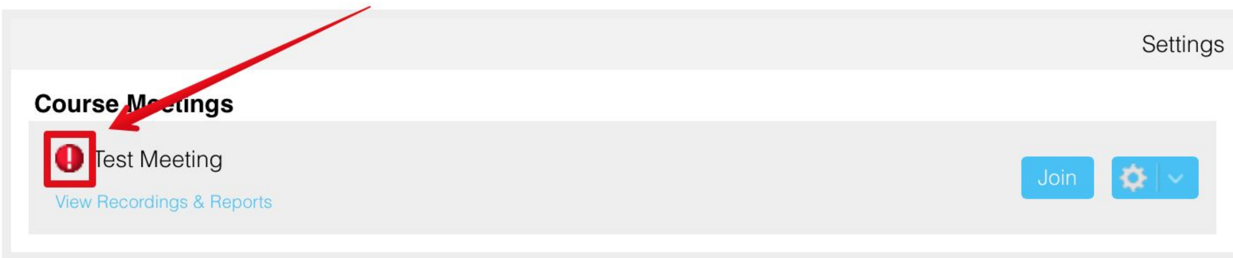
Mark the check-box confirming that you have an Adobe Connect account created using the same email as in Moodle, enter your Adobe Connect password and click Save button to use this account.



In case you don’t have an Adobe Connect account and want to generate a random password every time you join Adobe Connect meeting click Save button and it will be done automatically.

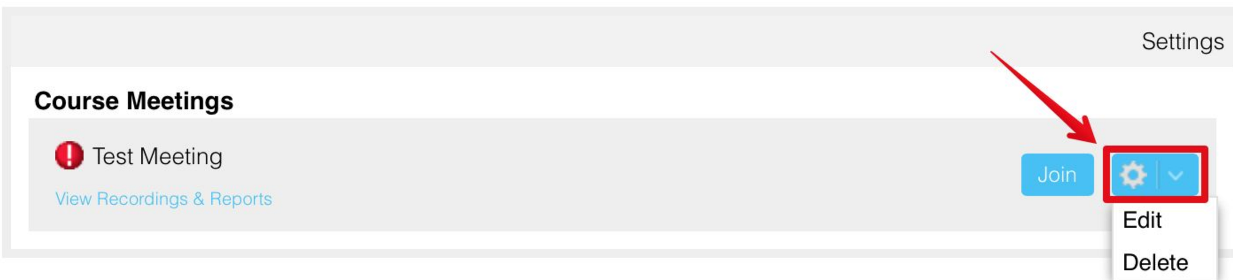
If a student adds late to the course, *Alert* icon will appear next to the meeting name in the **Meeting Information** tab.

Meetings List

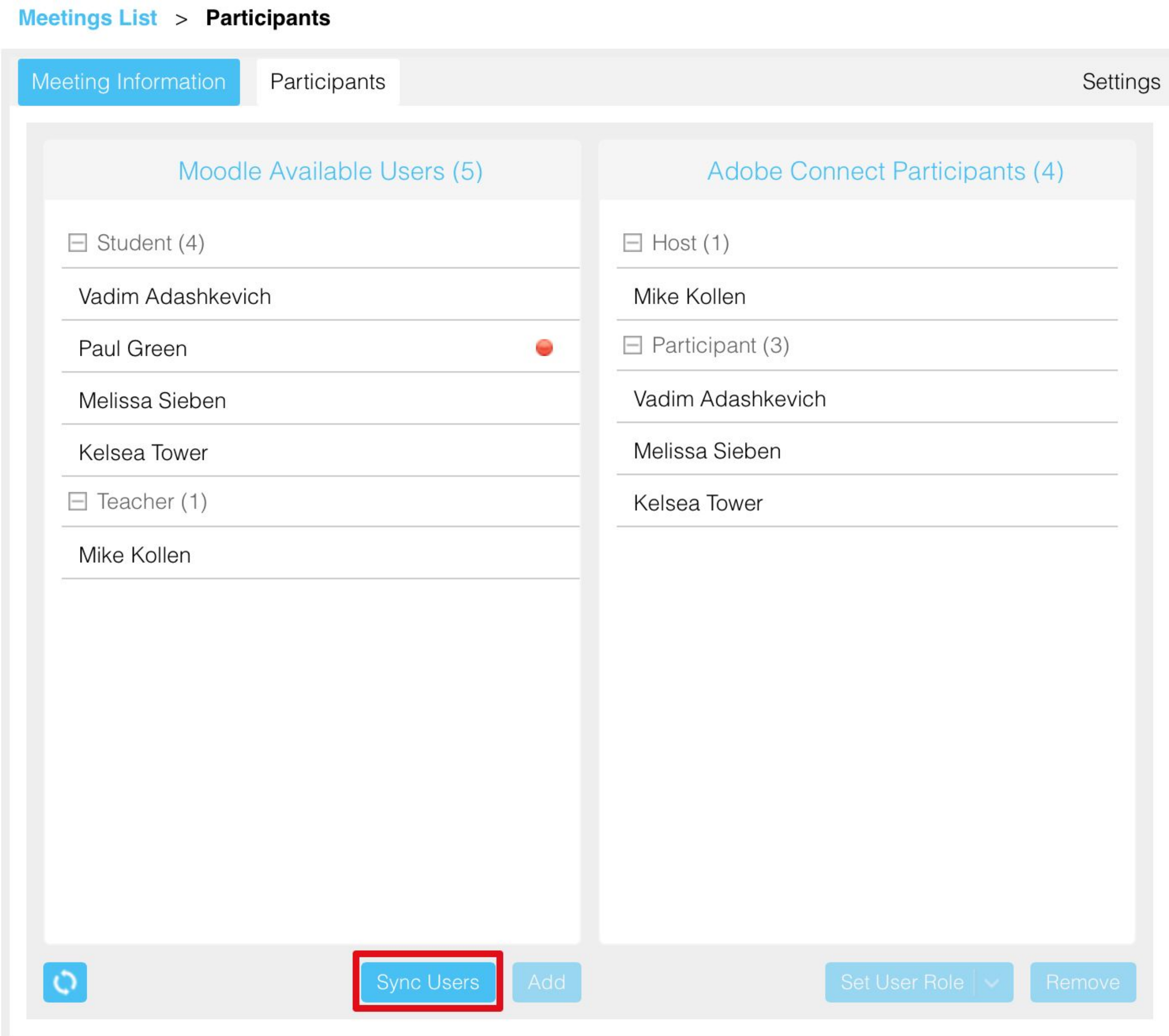


Click on the *Gear* icon and select **Edit** from the dropdown list.

Meetings List



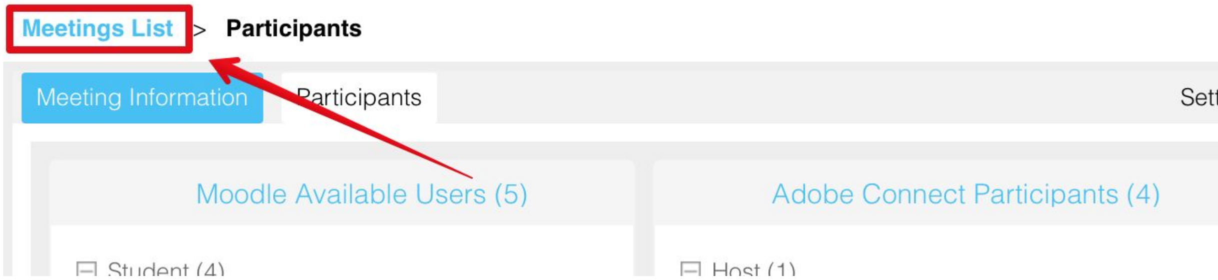
Navigate to the **Participants** tab and observe the **Moodle Available Users** list. New students should be marked with *Red Dot* icon.
Click on the **Sync Users** to add all new user to Adobe Connect meeting.



Select the user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.

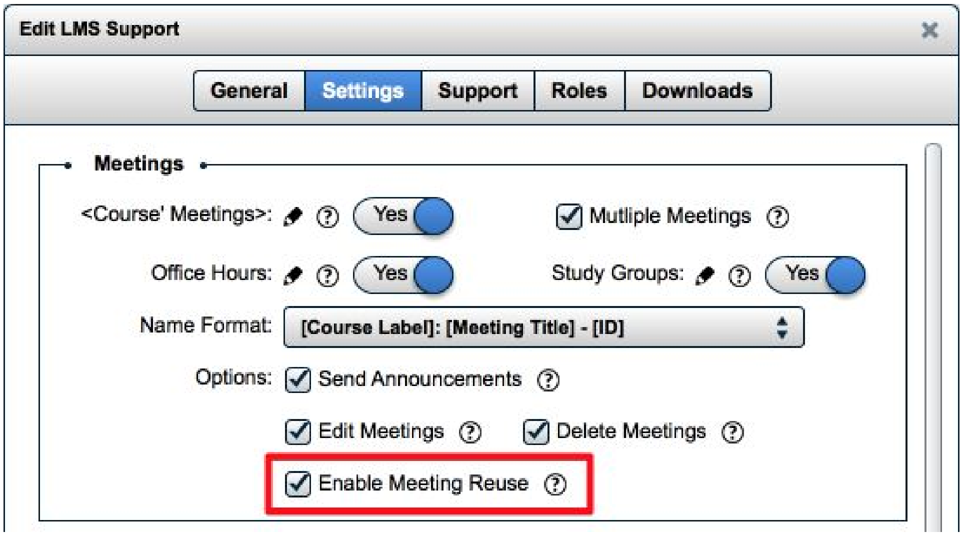
Refresh the Moodle Available Users list by clicking on the **Refresh** button.

To navigate back to the *Start screen* click on the **Meetings List** link.



Meeting Reuse (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Meeting Reuse** option.

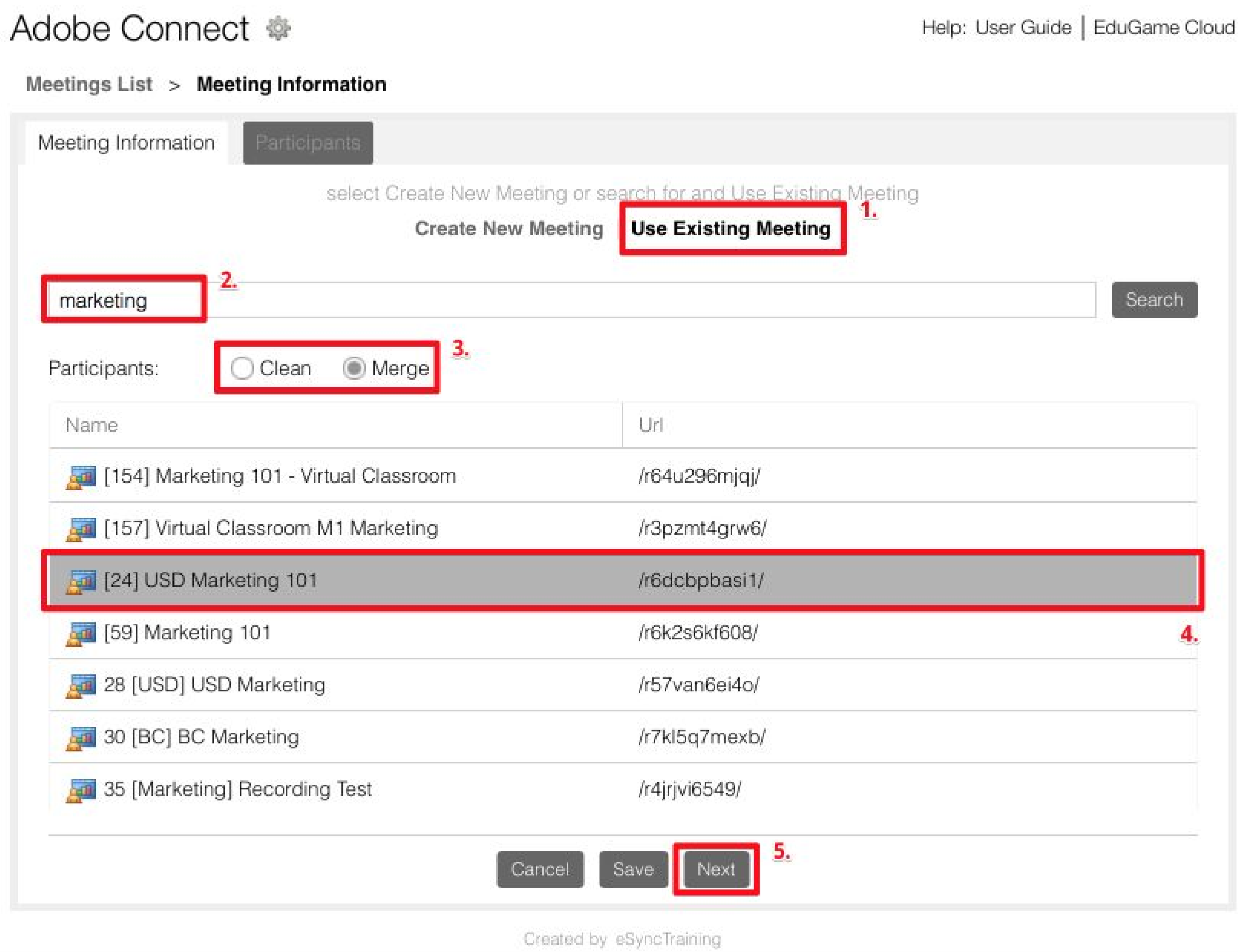


This setting allows teacher to reuse meetings that already exist in Adobe Connect.

Open the *Adobe Connect* LTI and click on the **Add Meeting** button, open the **Use Existing Meeting** tab and search for the required meeting.
Select the required meeting from the list, choose the how you want to add participants:

- **Clean** option will overwrite existing participants in the meeting with users enrolled in the current course
- **Merge** option will add users enrolled in the current course to existing participants in the meeting

Click on the **Next** button.

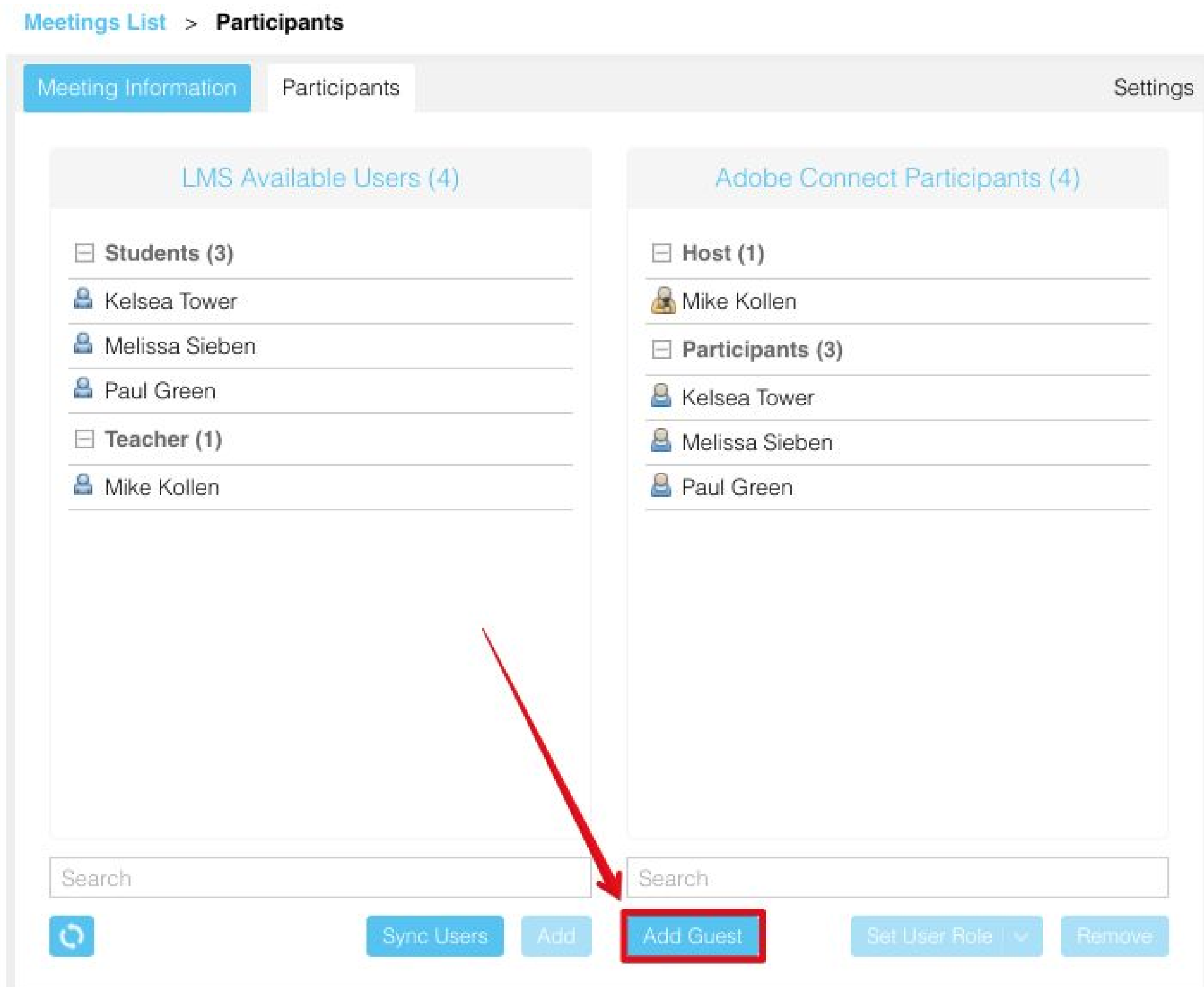


Review the participants and click on the **Save** button to complete the process.

Adding Guests to Meeting

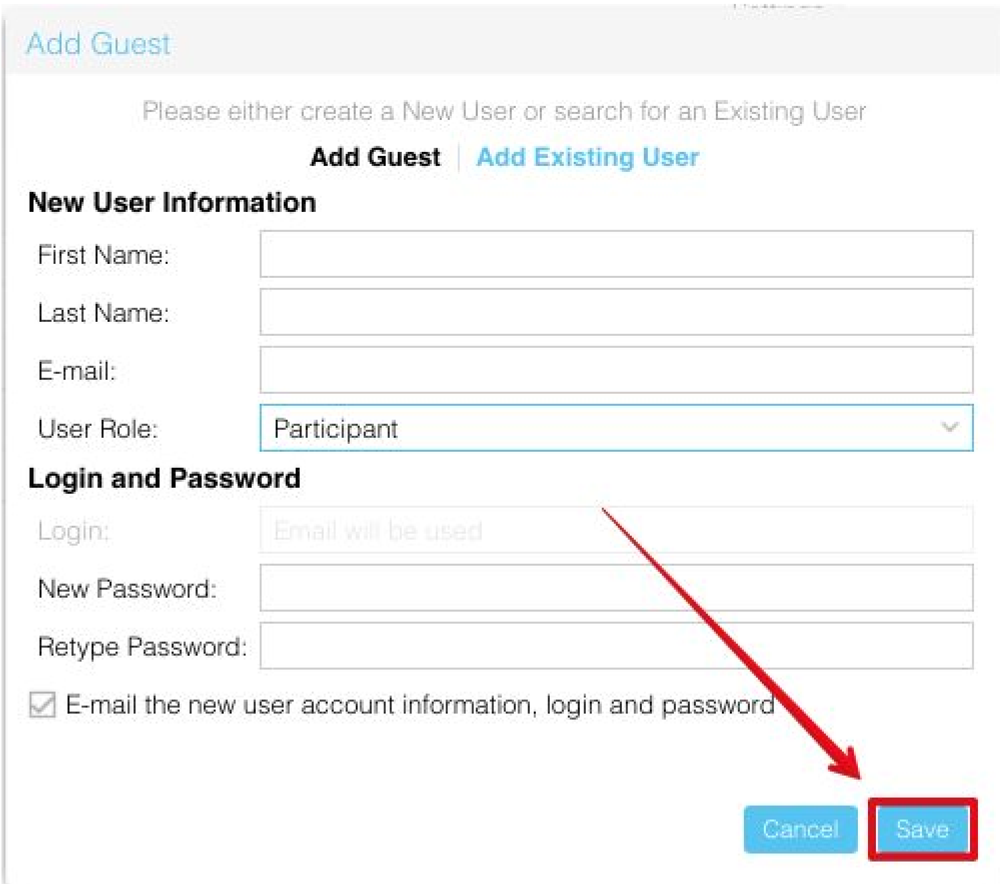
Open the *Adobe Connect* LTI and click on the *Gear* icon and select **Edit** from the dropdown list.

Navigate to the **Participants** tab and click on the **Add Guest** button.

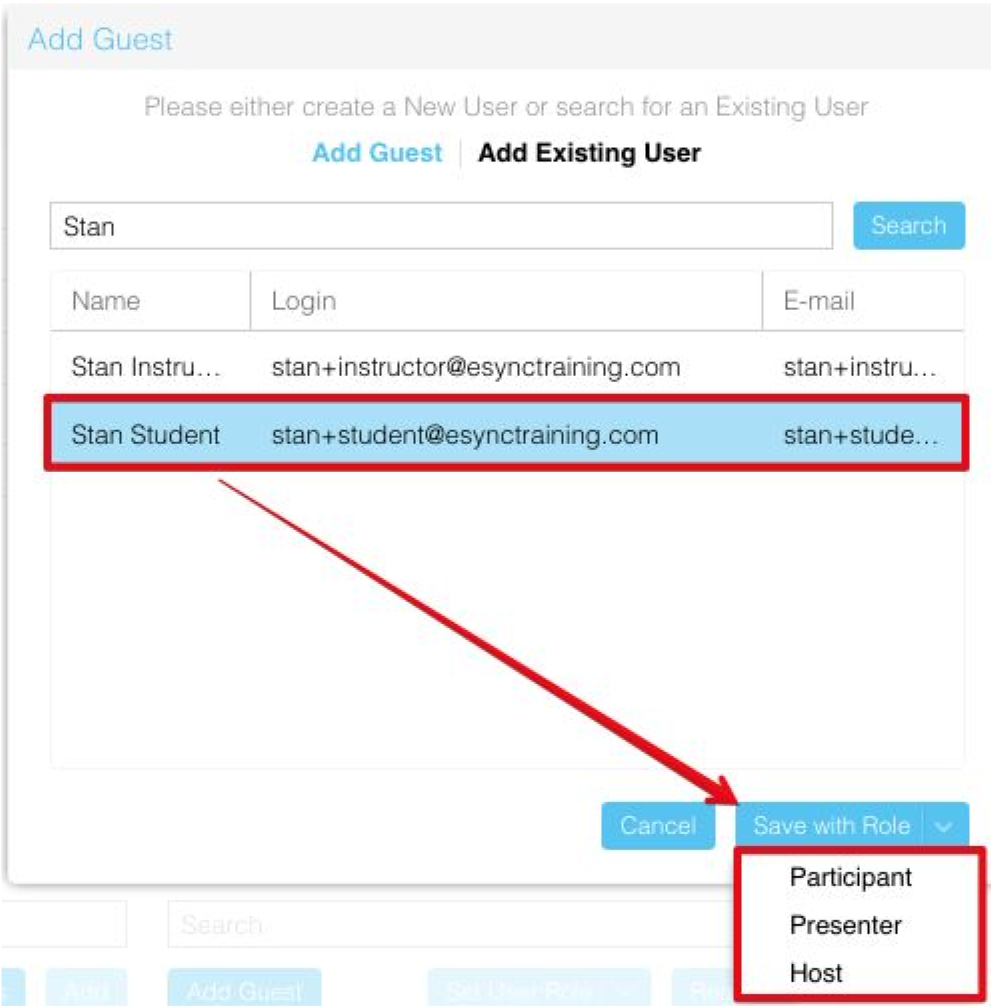


Teachers can add guest either by *Creating a New User* or by *Searching for an Existing User* in Adobe Connect.

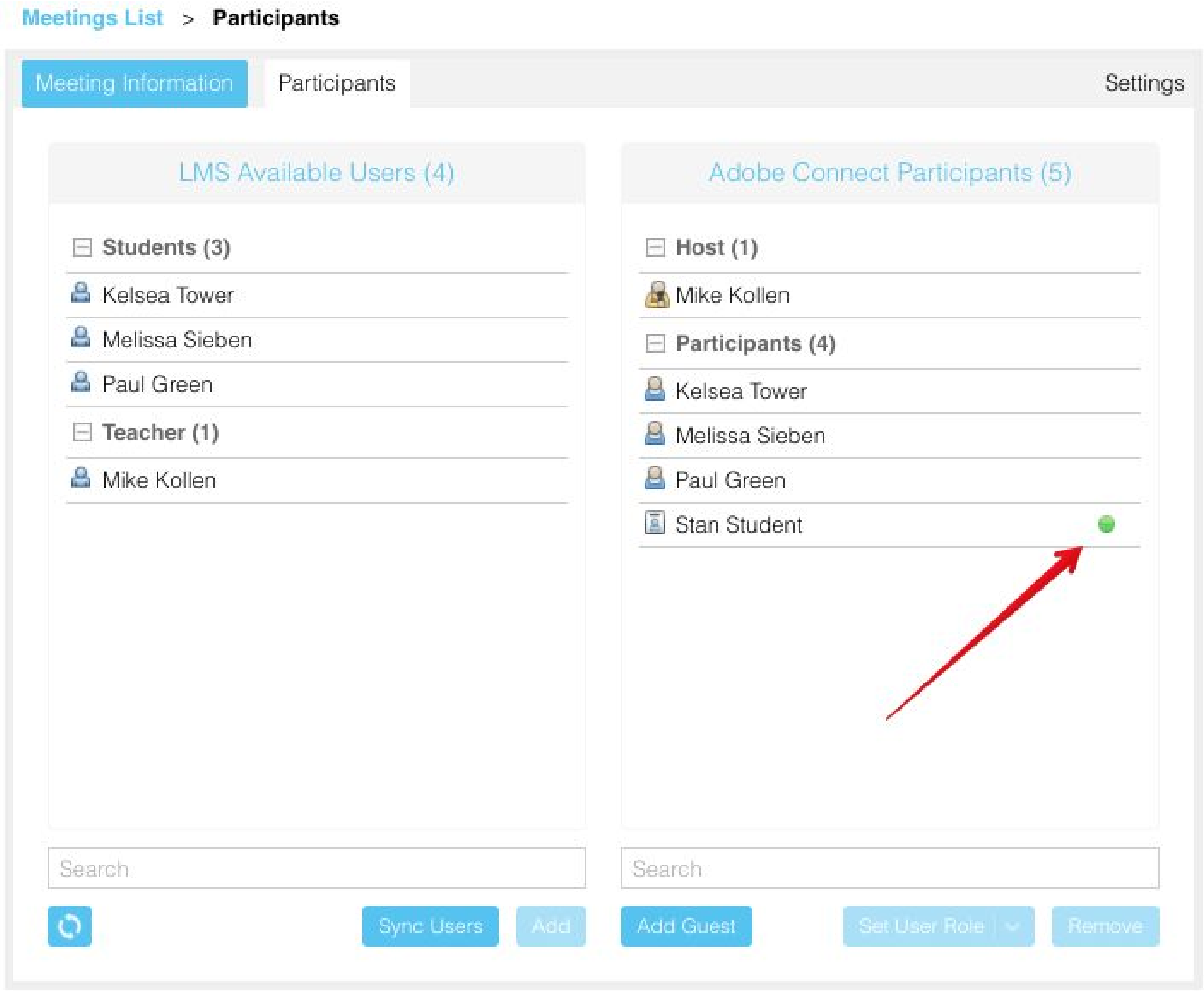
To add a *New User* fill in all the required information on the **Add Guest** tab and click on the **Save** button.
New user will be created in Adobe Connect and added to the meeting.



To add an *Existing User* in Adobe Connect search for the user on the **Add Existing User** tab, select the required user from the list and click on **Save with Role** button and select the required role for this user.
Selected user from Adobe Connect will be added to the meeting.

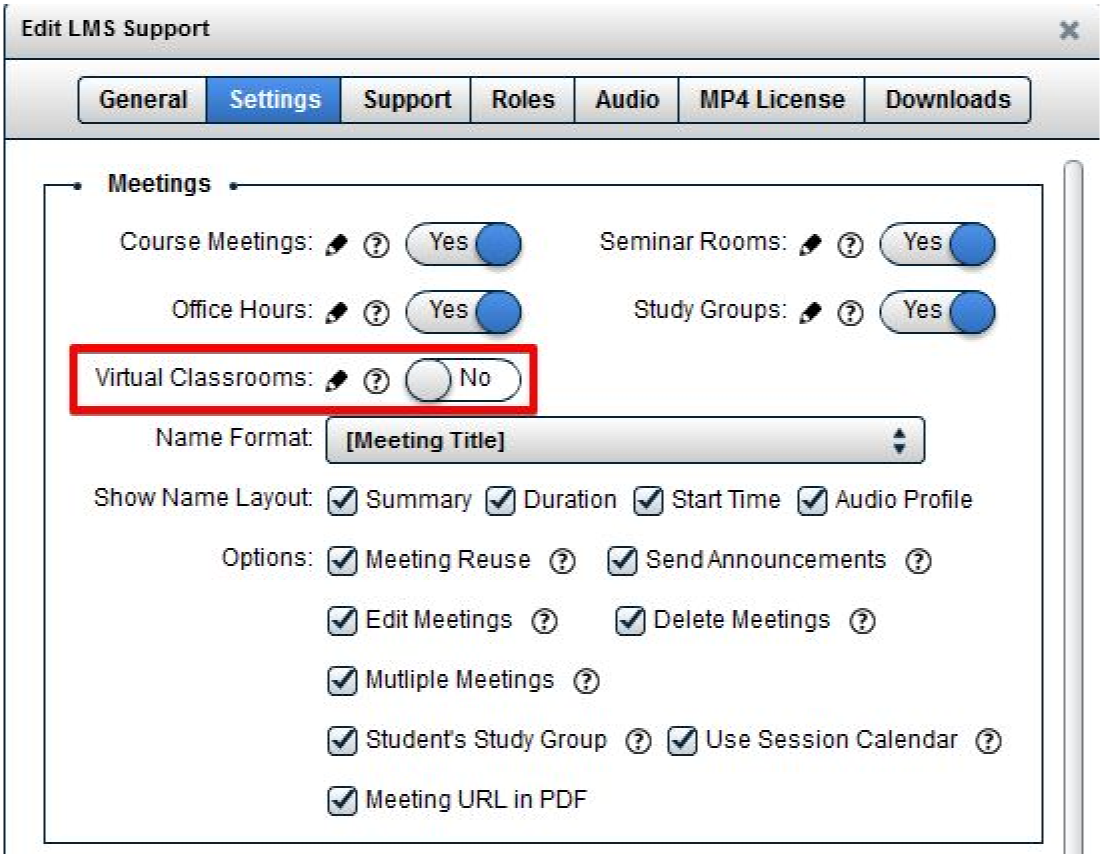


Guest users should be marked with *Green Dot* icon in the *Adobe Connect Participants* list.



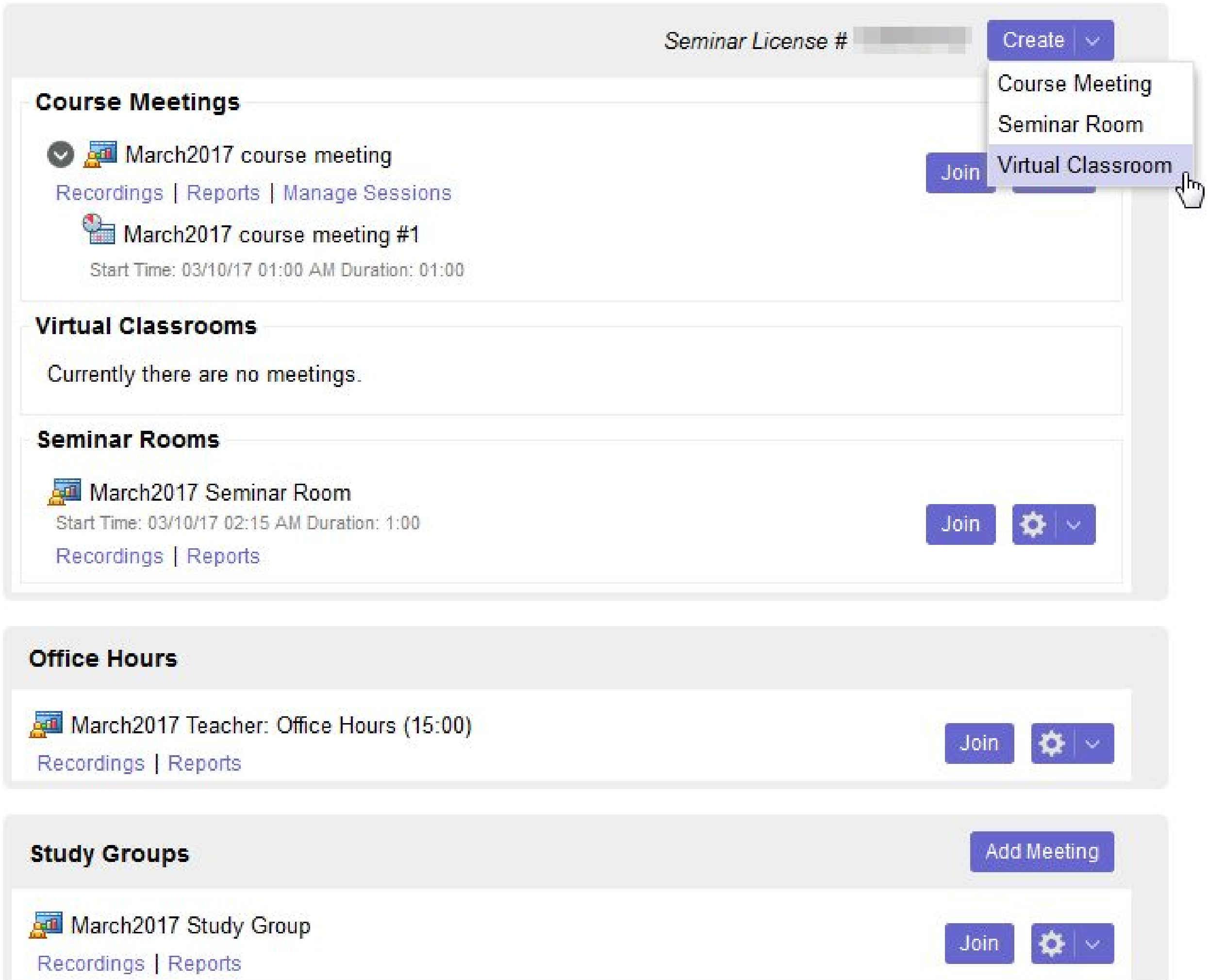
Virtual Classrooms Support (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Virtual Classrooms** (is disabled by default, can be edited) option.

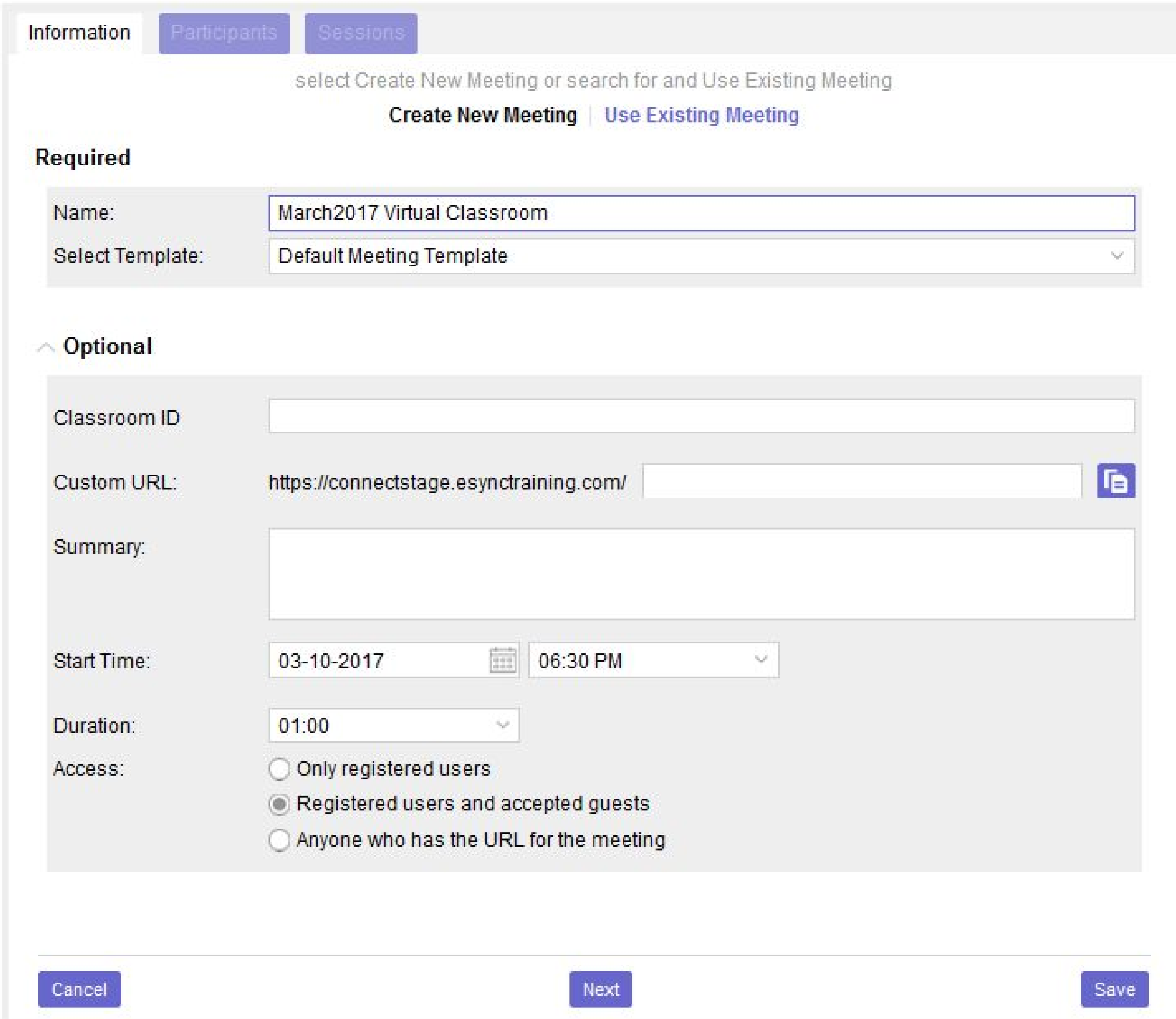


This setting allows teachers to create *Virtual Classrooms* and *Sessions* in Adobe Connect.

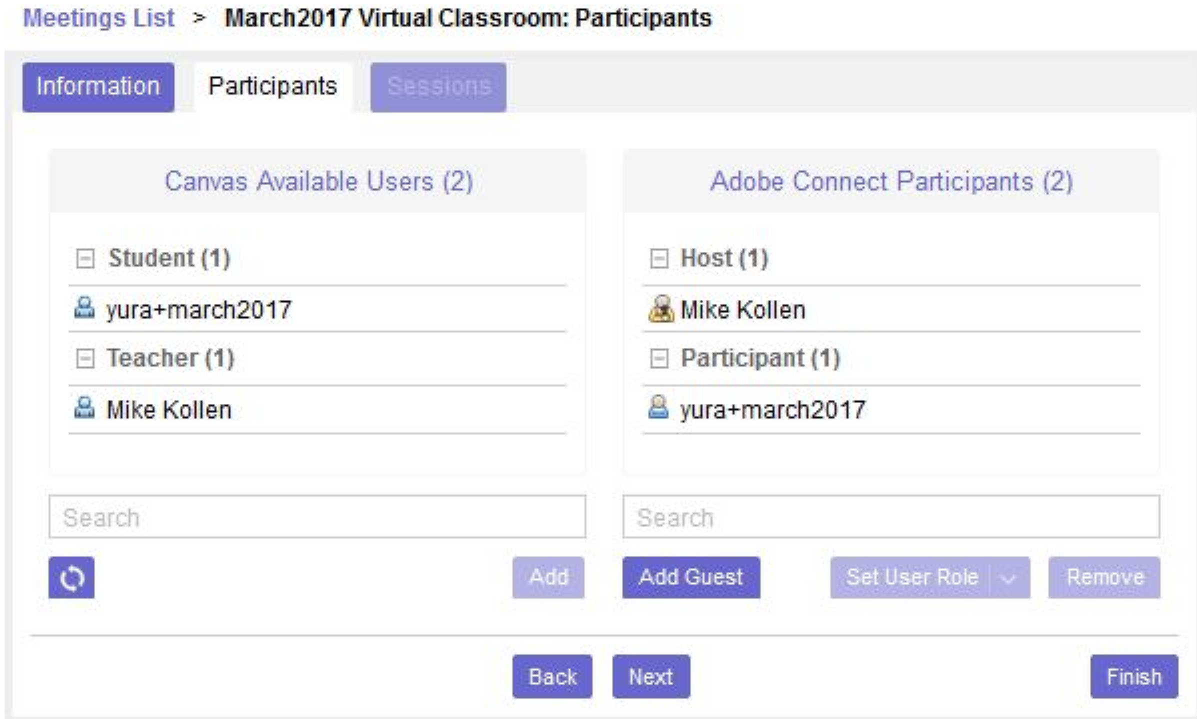
Open the *Adobe Connect* LTI and observe the application.
To create a *Virtual Classroom* open the **Create** dropdown menu and select **Virtual Classroom** option.



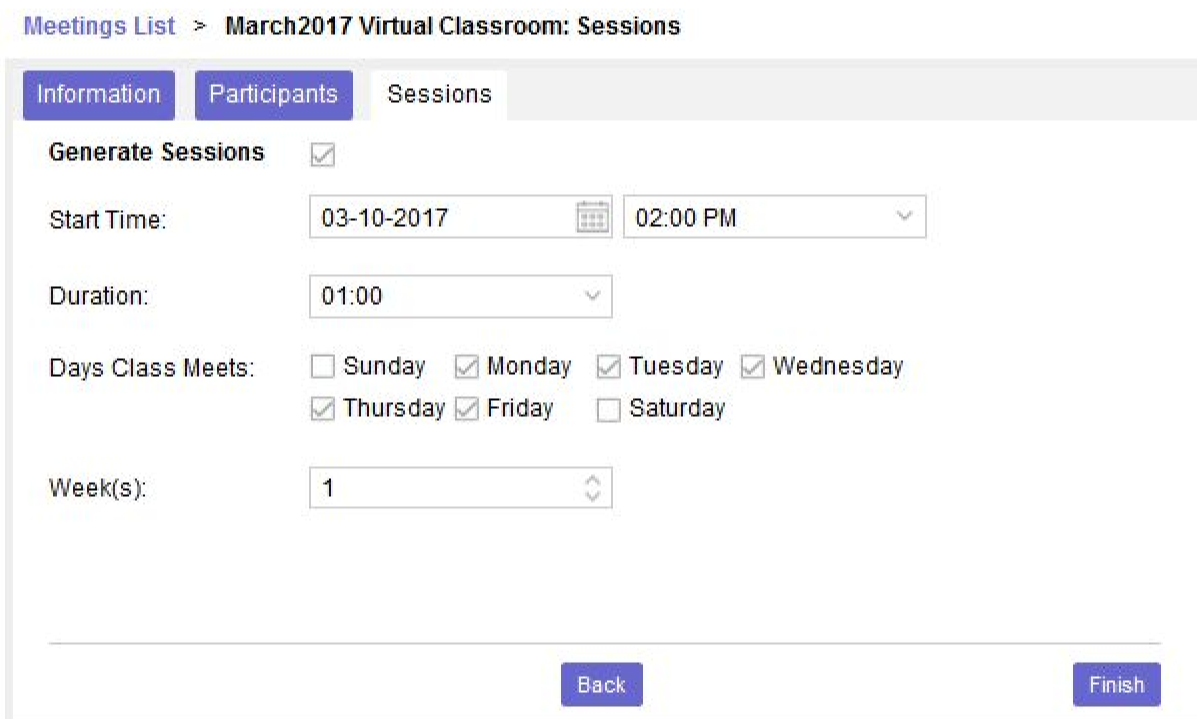
Populate the following form and click on the **Next** button.
*NOTE: **Optional** section is collapsed by default.



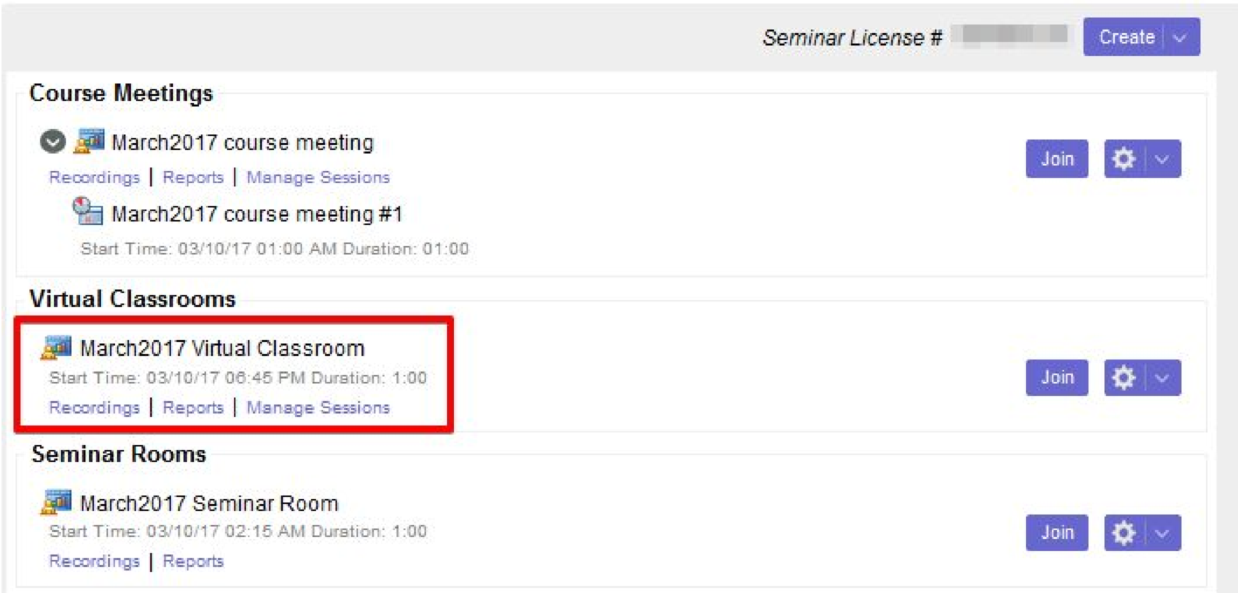
Map Canvas users to Adobe Connect roles. Select any user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu. Click on the **Next** button.



Turn on Generate Sessions option, populate the following form and click on the **Finish** button to complete the process.

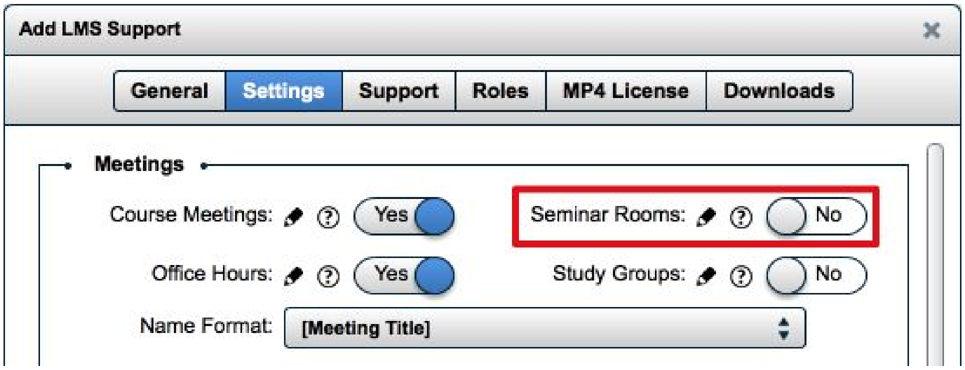


As a result the new **Virtual Classroom** will appear on Meeting List view under **Virtual Classrooms** area.



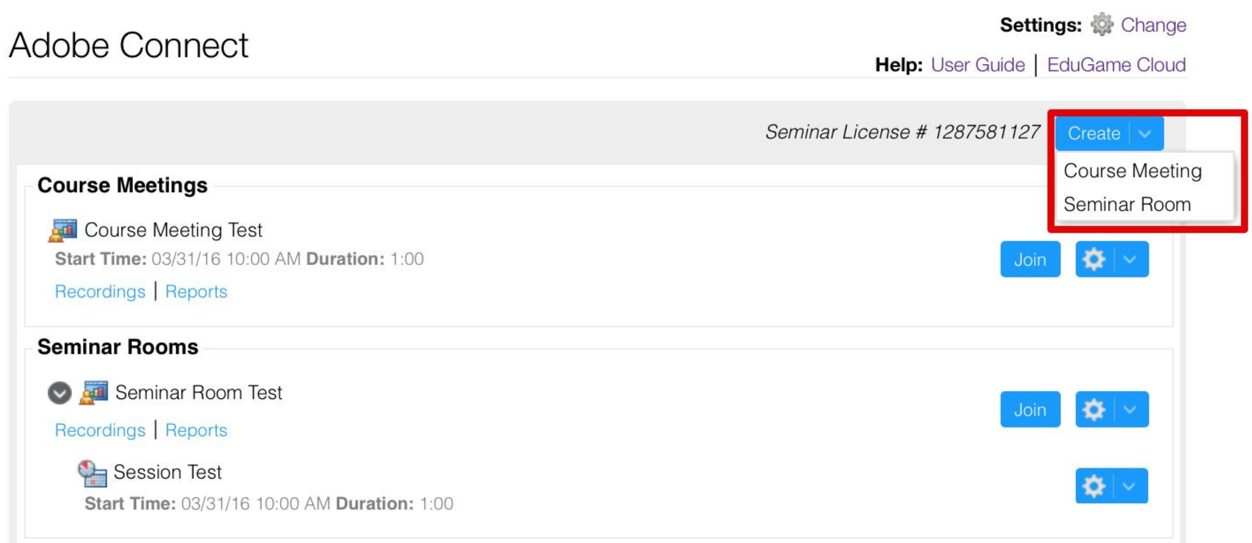
Seminars Support (Optional)

On the EduGame Cloud LMS license *Settings* page user can enable the **Seminar Rooms** (default label, can be edited) option.

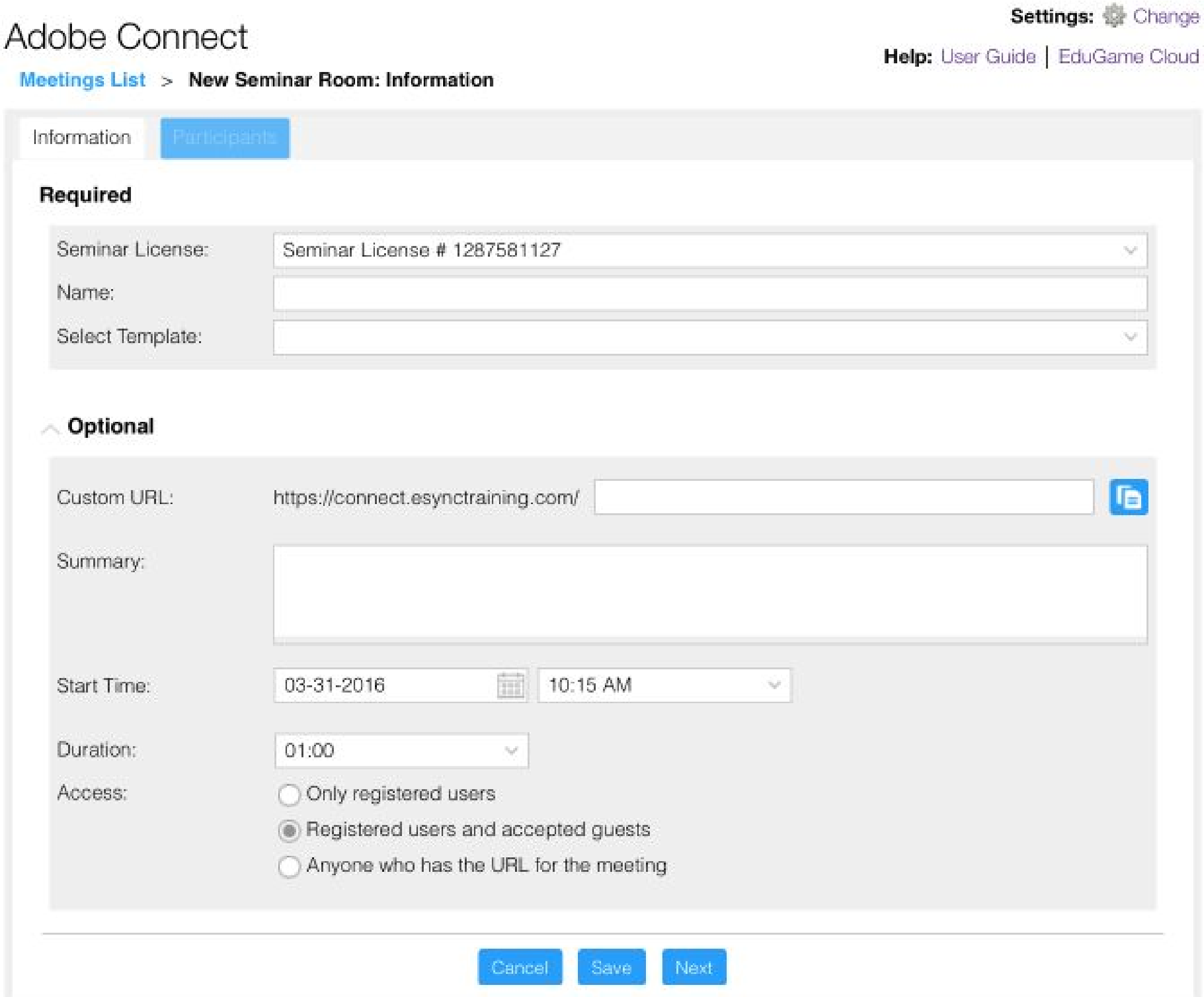


This setting allows teachers to create *Seminar Rooms* and *Sessions* in Adobe Connect.

Open the *Adobe Connect* LTI and observe the application.
Note: user should have editable seminar licence to be able to create Seminar Rooms.
To create a seminar room open the **Create** dropdown menu and select **Seminar Room** option.

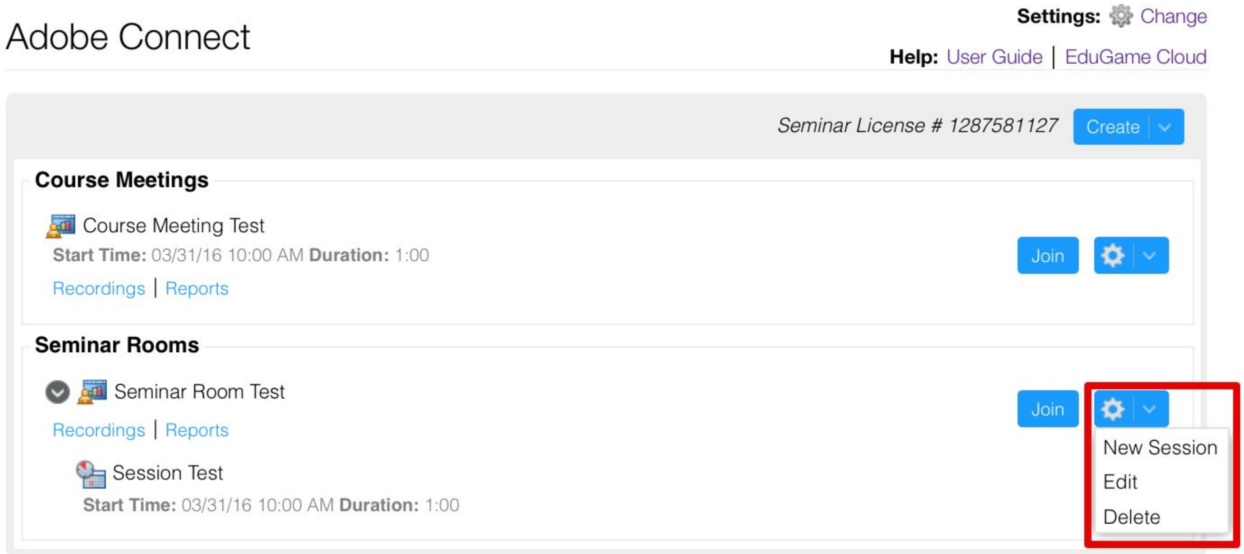


Select the appropriate **Seminar License** from the dropdown menu, populate other required information and click on the **Next** button.
*NOTE: **Optional** section is collapsed by default.

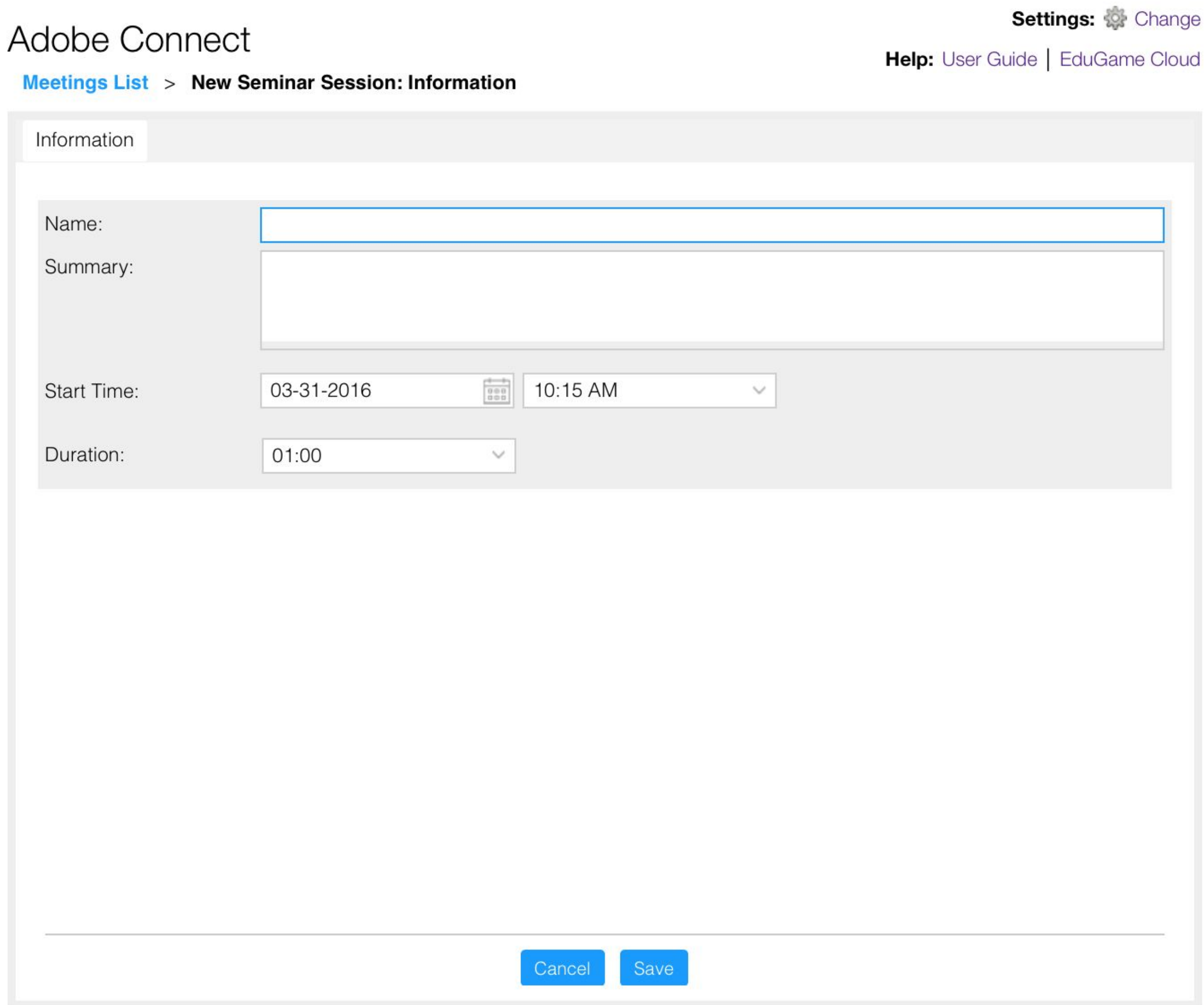


Review the participants and click on the **Save** button to complete the process.

To create a session click on the **Gear** icon to open dropdown menu next to appropriate seminar room and select **New Session** option.



Populate the required information and click on the **Save** button.



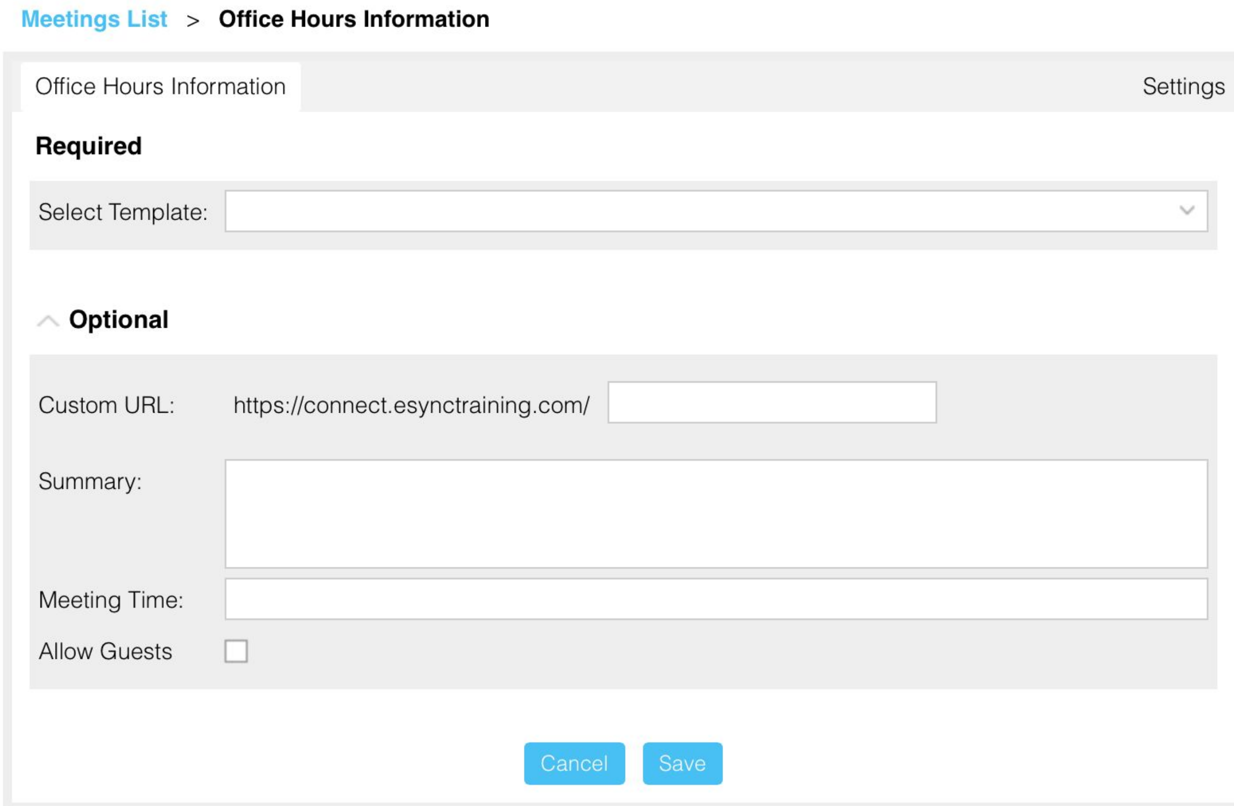
***NOTE:** Error message will occur in case when the selected *Start Time* is already in use by another session.

Create an Office Hours Meeting (Optional)

Click on the **Add Meeting** button in the *Office Hours* section.

Meetings List

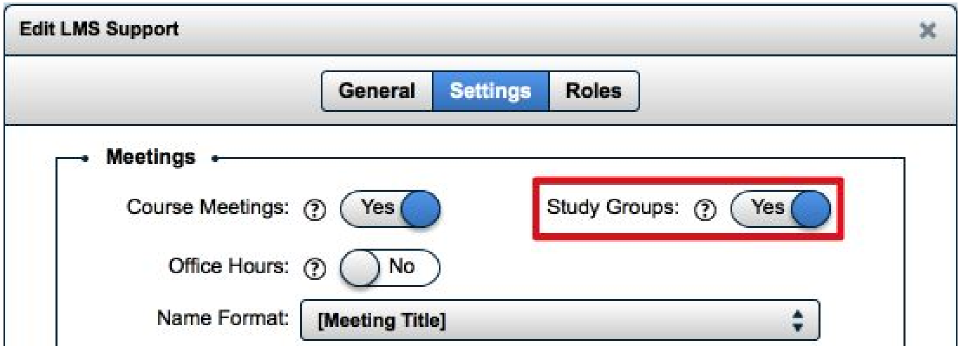
Populate the following form and click on the **Save** button.



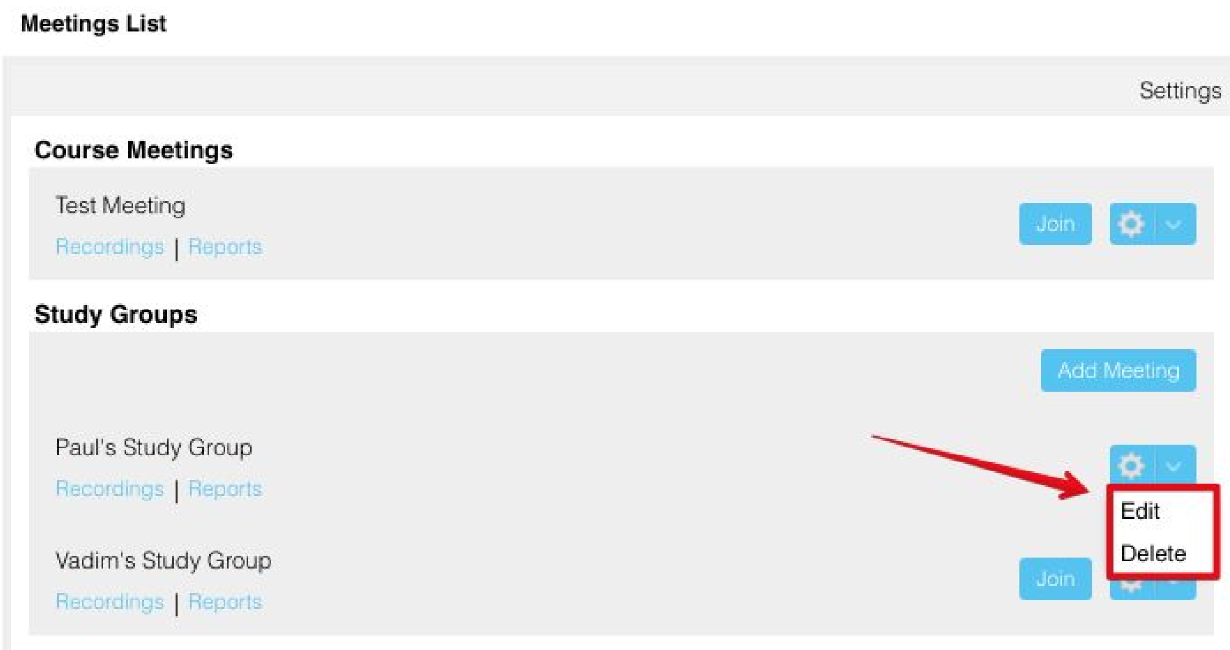
*NOTE: One common **Office Hours** meeting is created for all courses. When user creates Office Hours meeting in different course, it would be mapped to the same meeting, that was created before.
All students in the course will have access to the Office Hours meeting.

Create a Study Group Meeting (Optional)

Study Groups option should be activated on the EduGame Cloud LMS license Settings page.

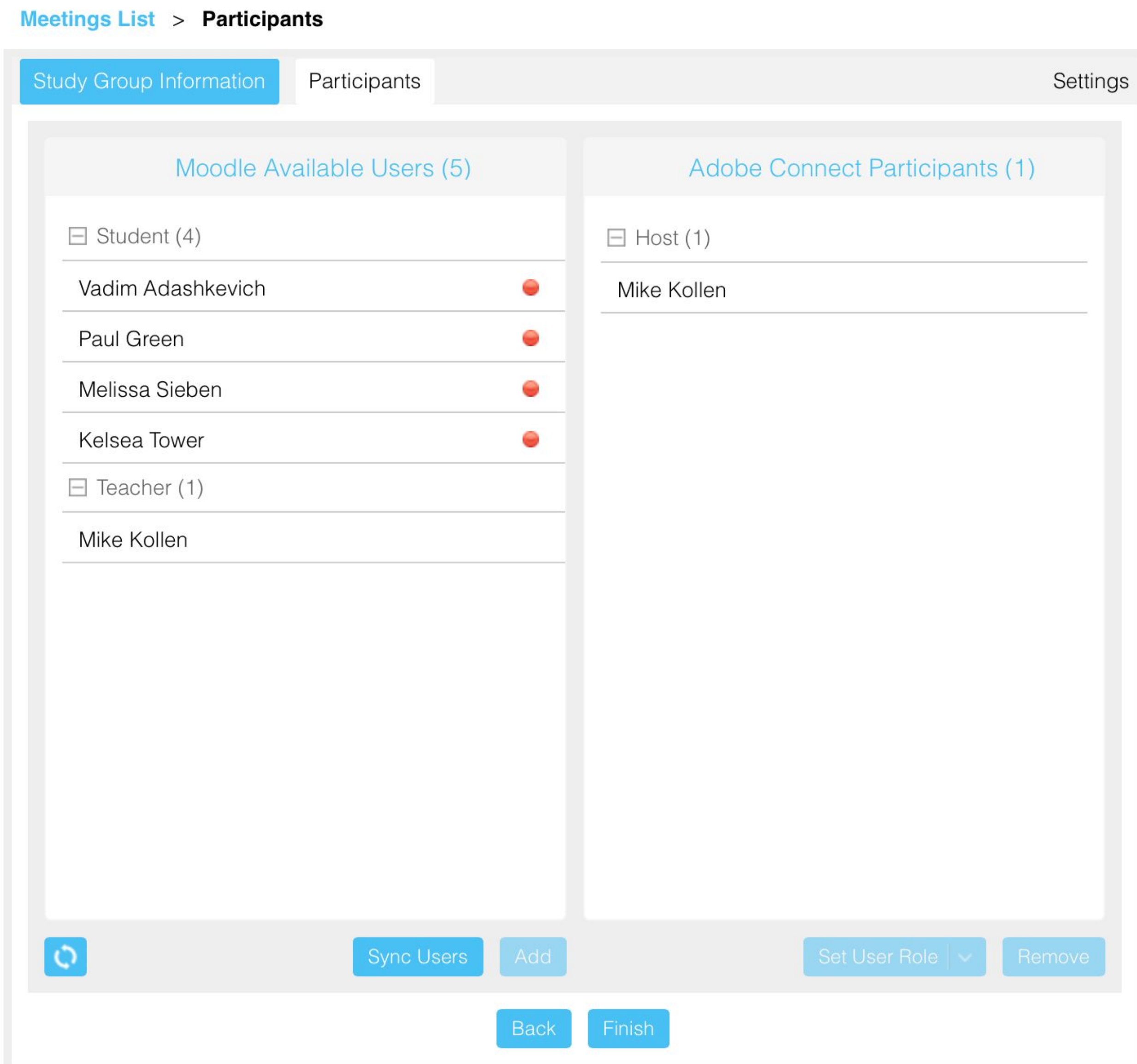


Open the *Adobe Connect* LTI and observe the *Study Groups* section.
Teachers can create multiple *Study Groups* as well as **Edit / Delete** student's *Study Groups* regardless of whether they are participants in the meeting or not.



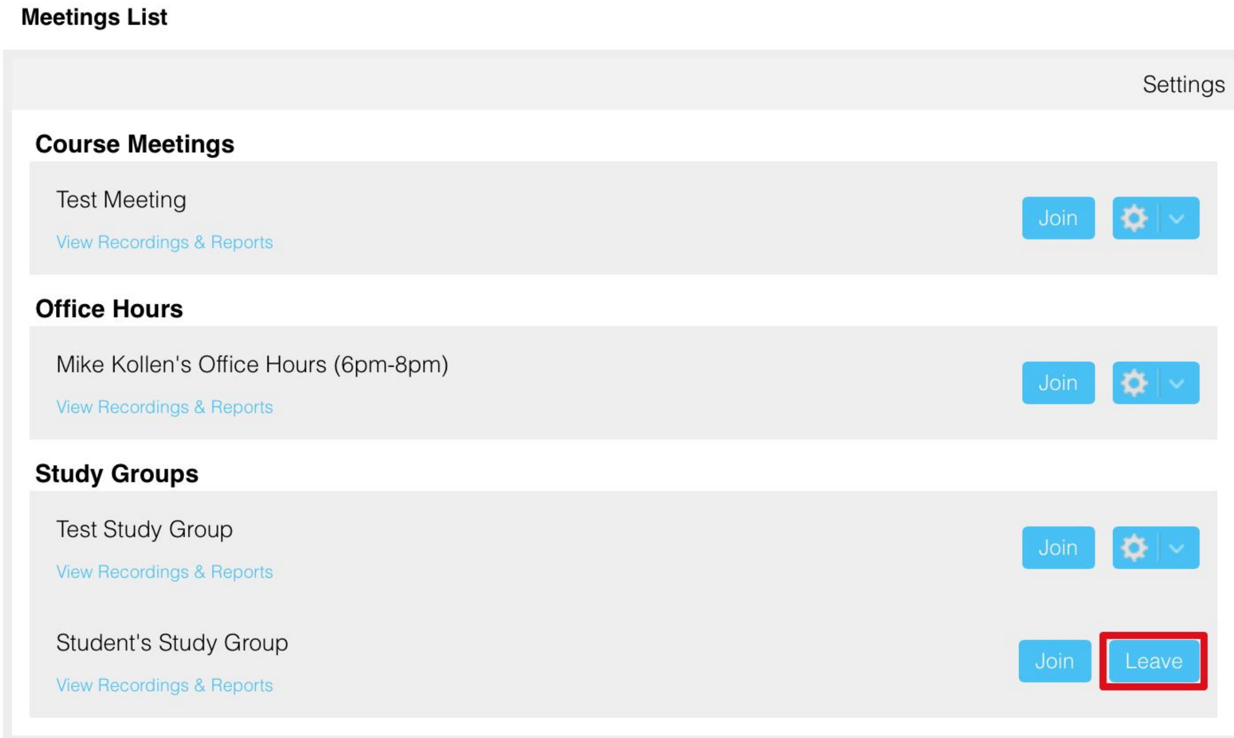
To create a Study Group meeting click on the **Add Meeting** button in the *Study Group* section.

Add Moodle users manually to Adobe Connect roles. Select any user in the right section and input the required AC role by selecting it from the **Set User Role** drop-down menu.



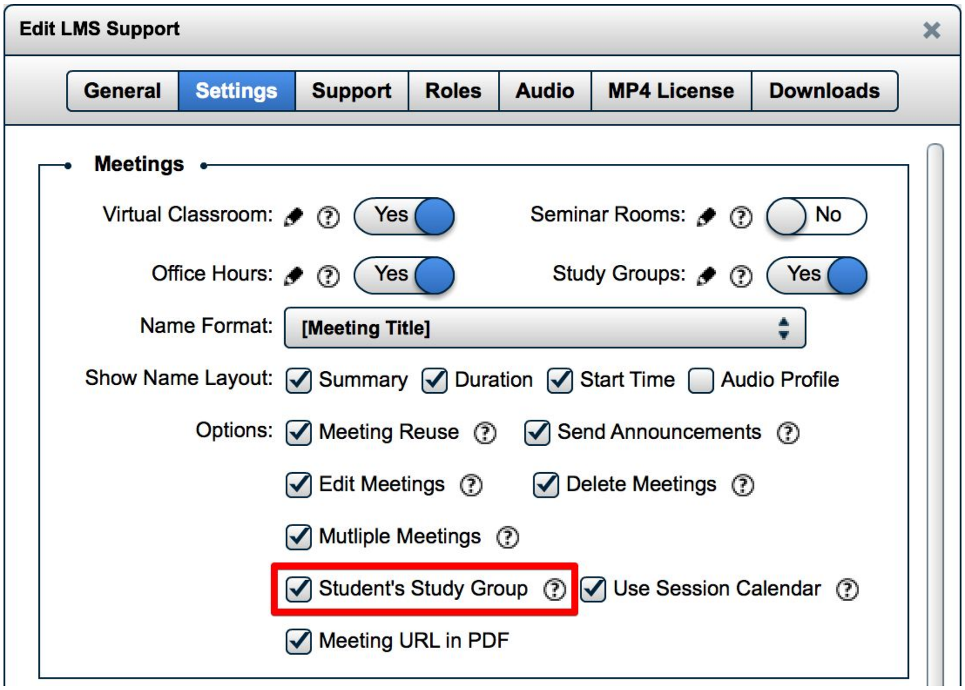
Click on the **Finish** button to complete the process.

Click on **Leave** button if you want to delete the invitation to someone's study group.



Student’s Study Group

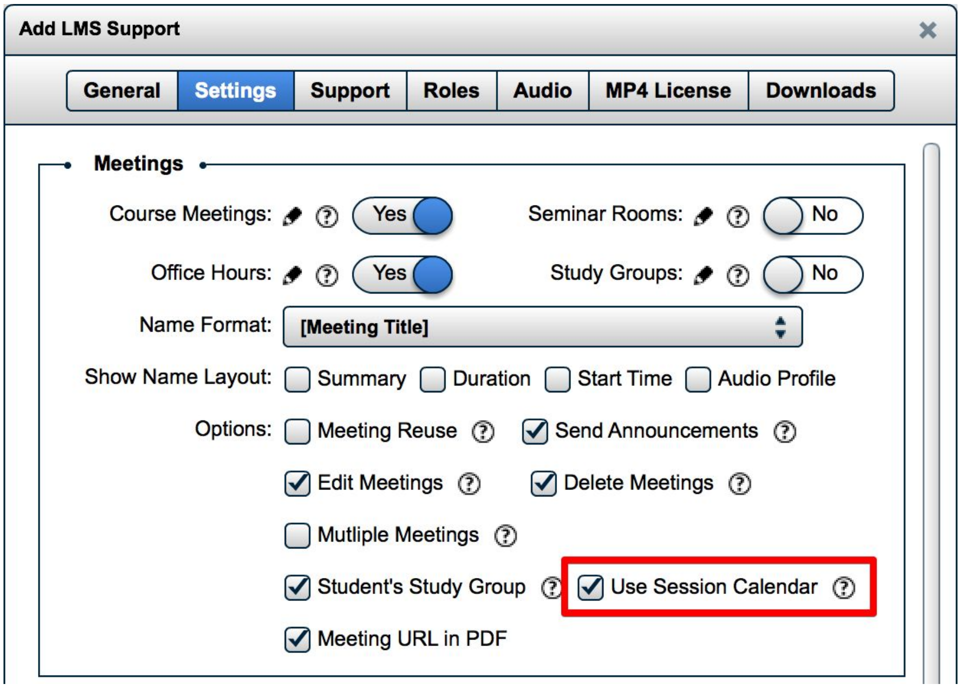
On the EduGame Cloud LMS license *Settings* page user can enable the *Student’s Study Group* option.



This setting allows/prohibits students to create Study Groups in the *Adobe Connect* LTI. Teachers aren’t affected by this setting.

Meetings Sessions Support

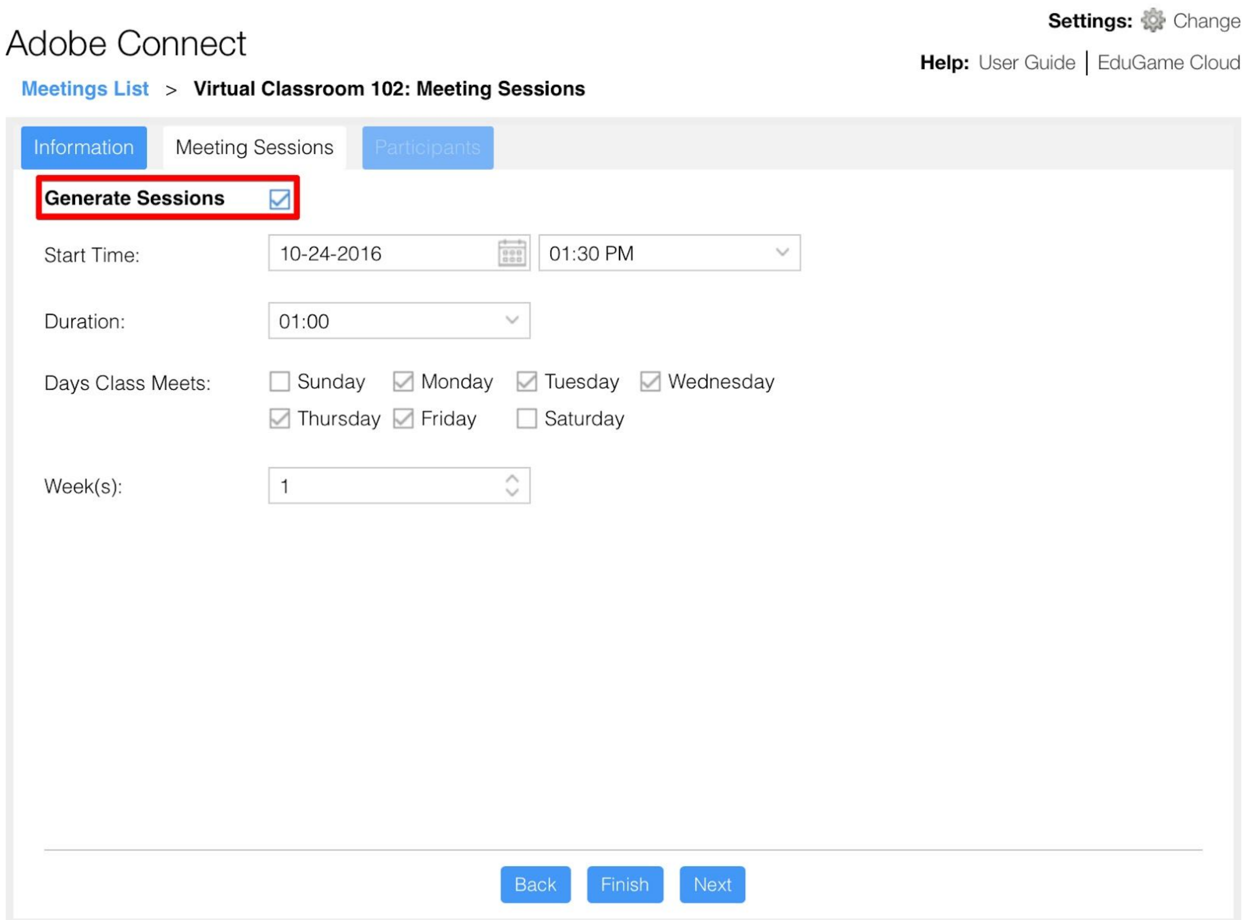
On the EduGame Cloud LMS license *Settings* page user can enable the **Use Session Calendar** option.



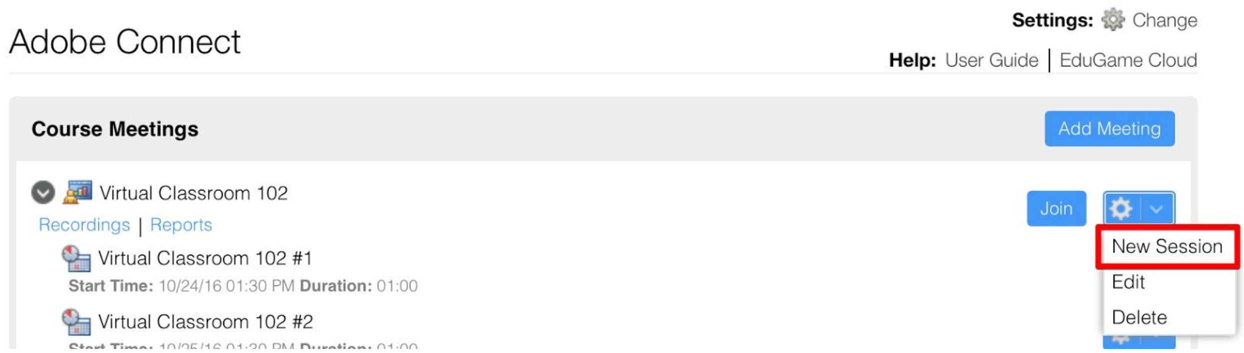
This setting allows teachers to create *Meetings Sessions*.

Open the *Adobe Connect* LTI and click on the **Add Meeting** button, fill in all the required information to go to the next *Calendar Events* tab.

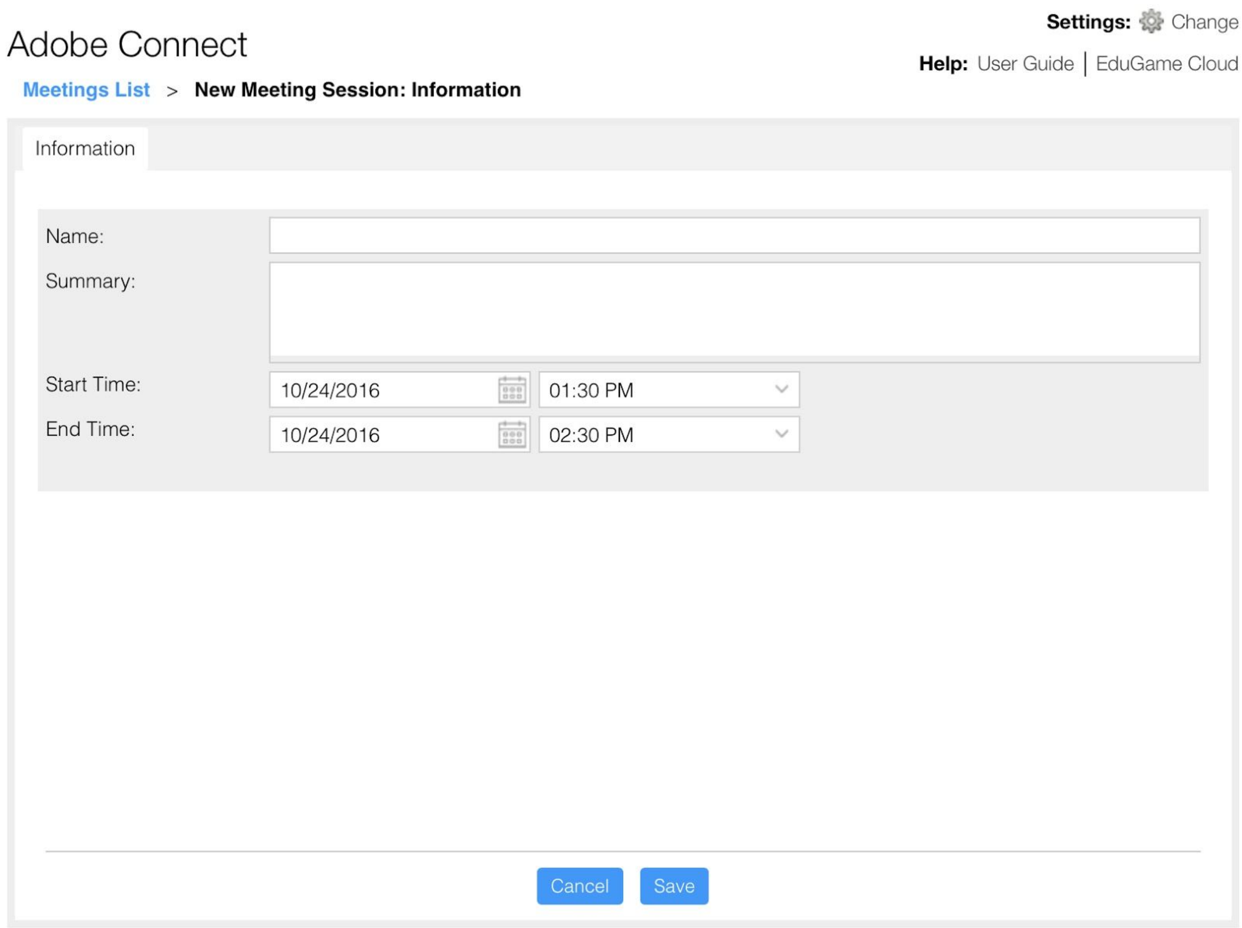
When creating a meeting select the **Generate Sessions** checkbox. Teacher is able to set *Start Time*, *Duration* and frequency of the Sessions.



Thereafter, new *Session* can be added by selecting the **New Session** link from the *Gear* icon menu next to the meeting.



Teacher can add *Name, Summary* and set *Start/End Time* of the Session.

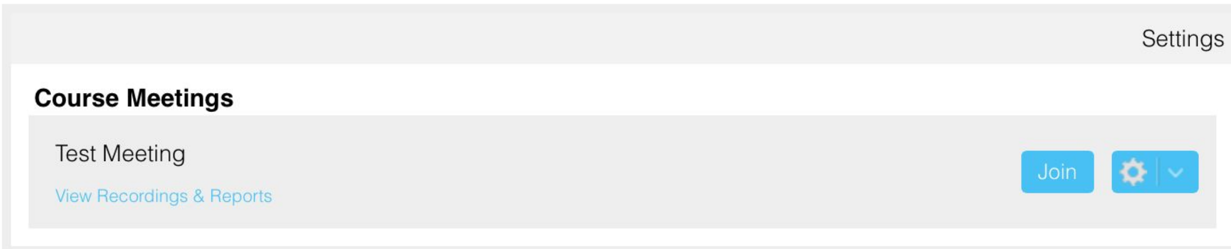


Adobe Connect Recordings

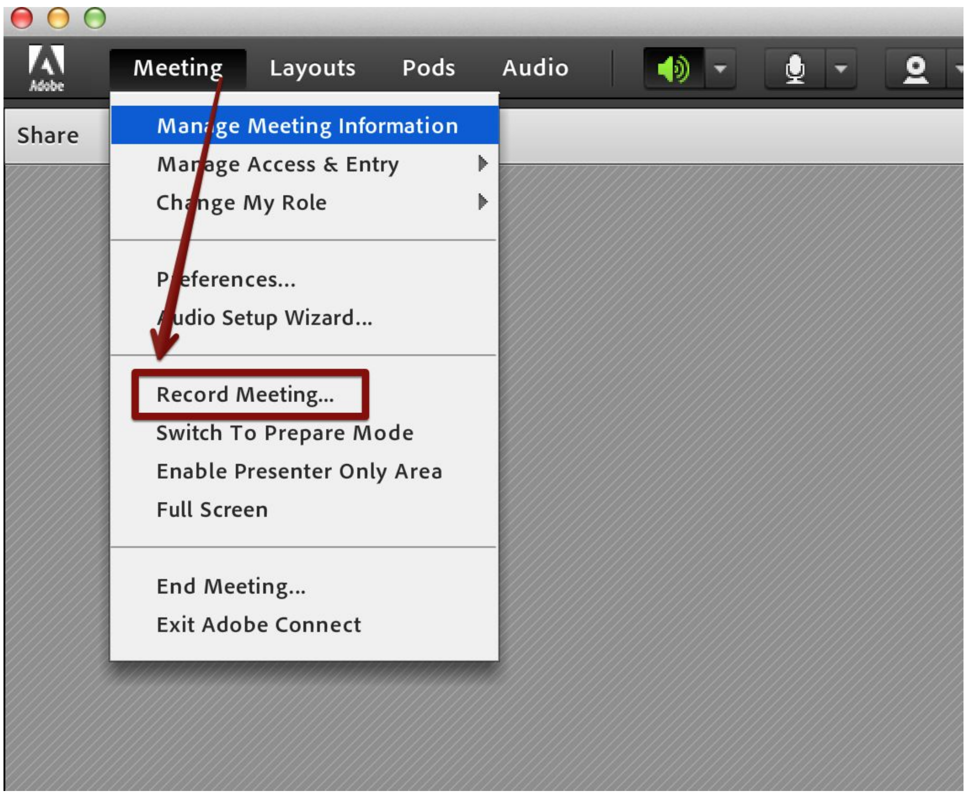
Record the Meeting

Join the meeting.

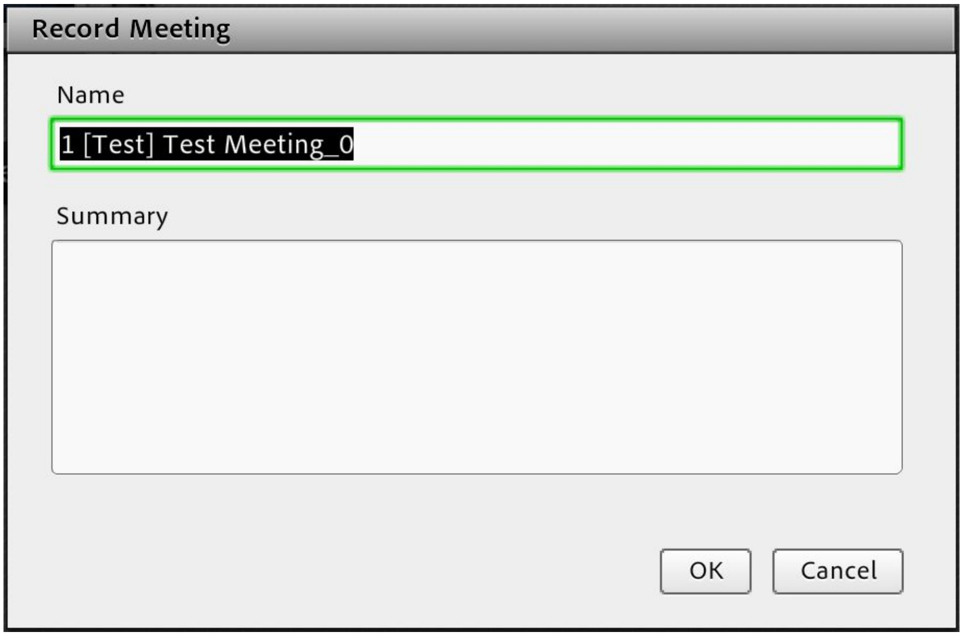
Meetings List



Select the **Record Meeting** under the *Meeting* menu in the Adobe Connect room.



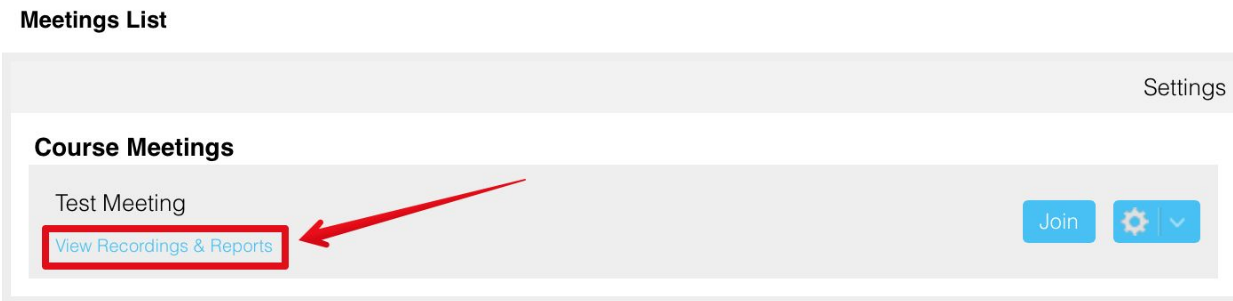
Populate the following form and click on the **OK** button to start the recording.



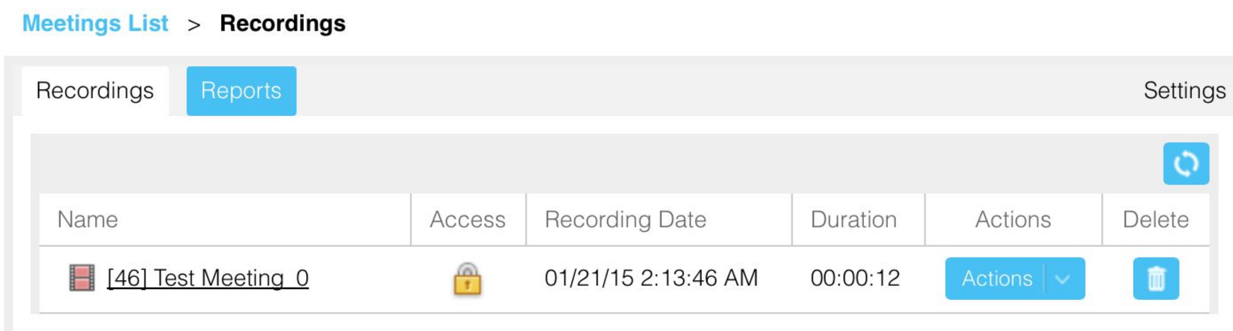
When the recording is done click on the **Stop Recording** button under the *Record Meeting* icon in the top right corner.

View / Watch Recordings

Navigate back to Adobe Connect application in Moodle page and click on the **View Recordings & Reports** link.

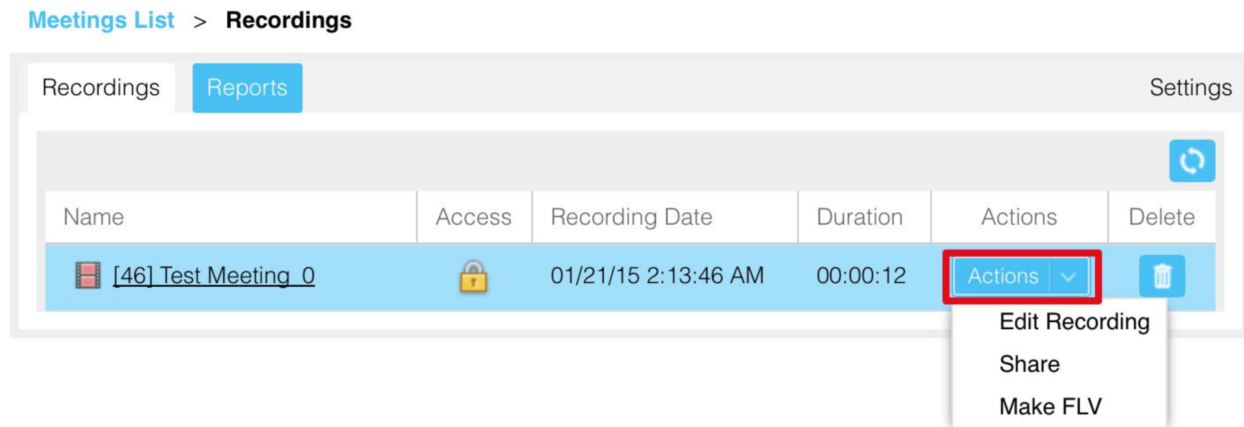


Open the **Recordings** tab and click on the **Refresh** icon to get the latest list of the recordings for this meeting.

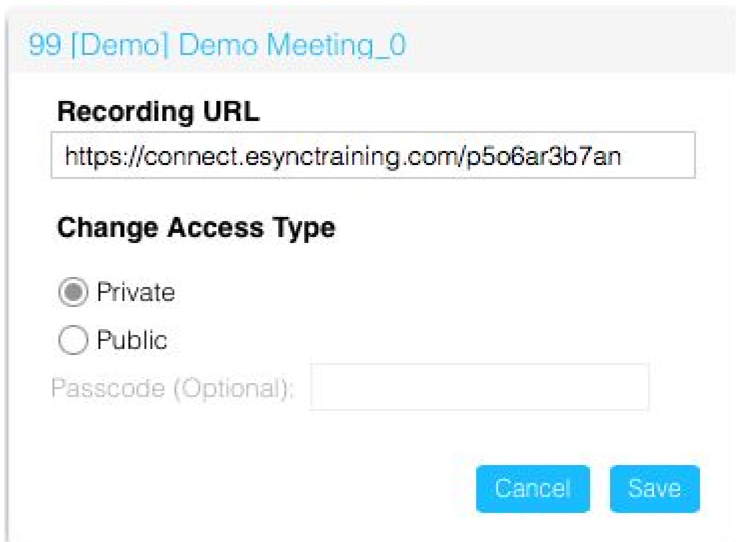


Click on the recording's name to watch the meeting recording.

Actions drop-down menu located next to each recording allows you to *Edit Recording, Share it, Make FLV* and *Make MP4*.



1) **Edit Recording** option allows to open the selected recording on Adobe Connect and modify it using Adobe Connect tools.
2) Clicking **Share** option you can set the Access Type: Public or Private (optionally setting a Passcode) and get the Recording URL.



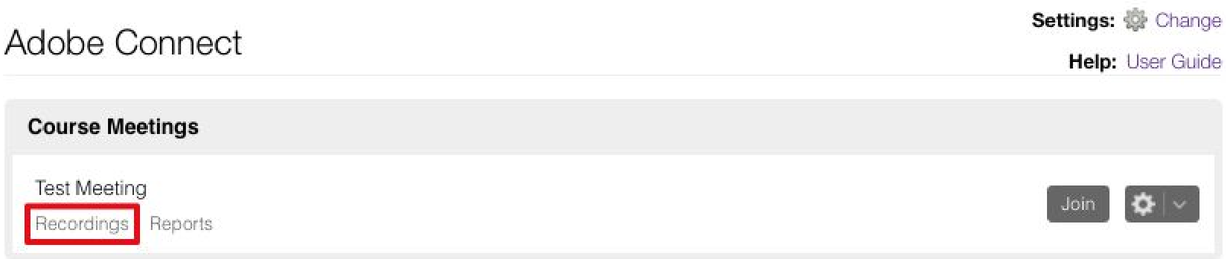
3) Selecting **Make FLV** option you will be asked to choose a place on your hard drive and the recording will be saved in FLV.
4) Selecting **Make MP4** option you will be asked to choose a place on your hard drive and the recording will be saved in MP4.

To delete the recording click on the **Delete** button (Trashcan icon).

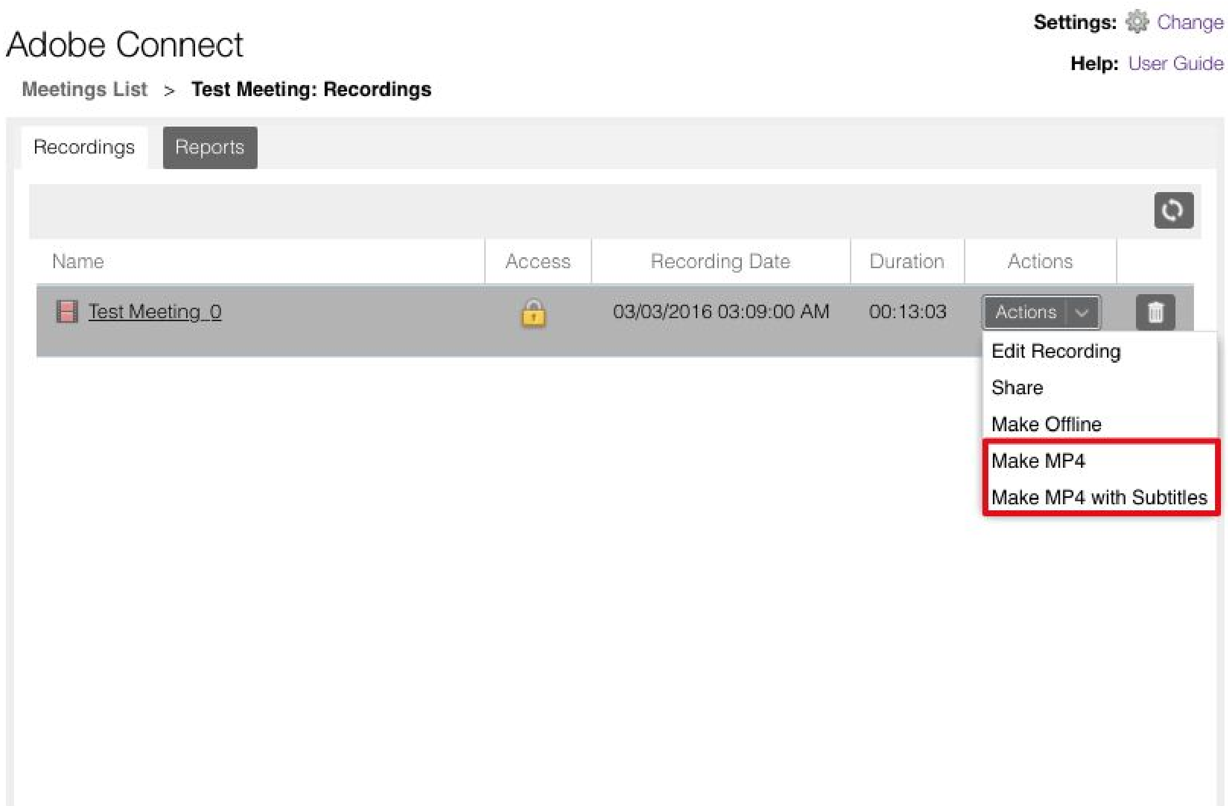
MP4 Conversion

*****This is an add-on feature, and a license must be purchased separately*****

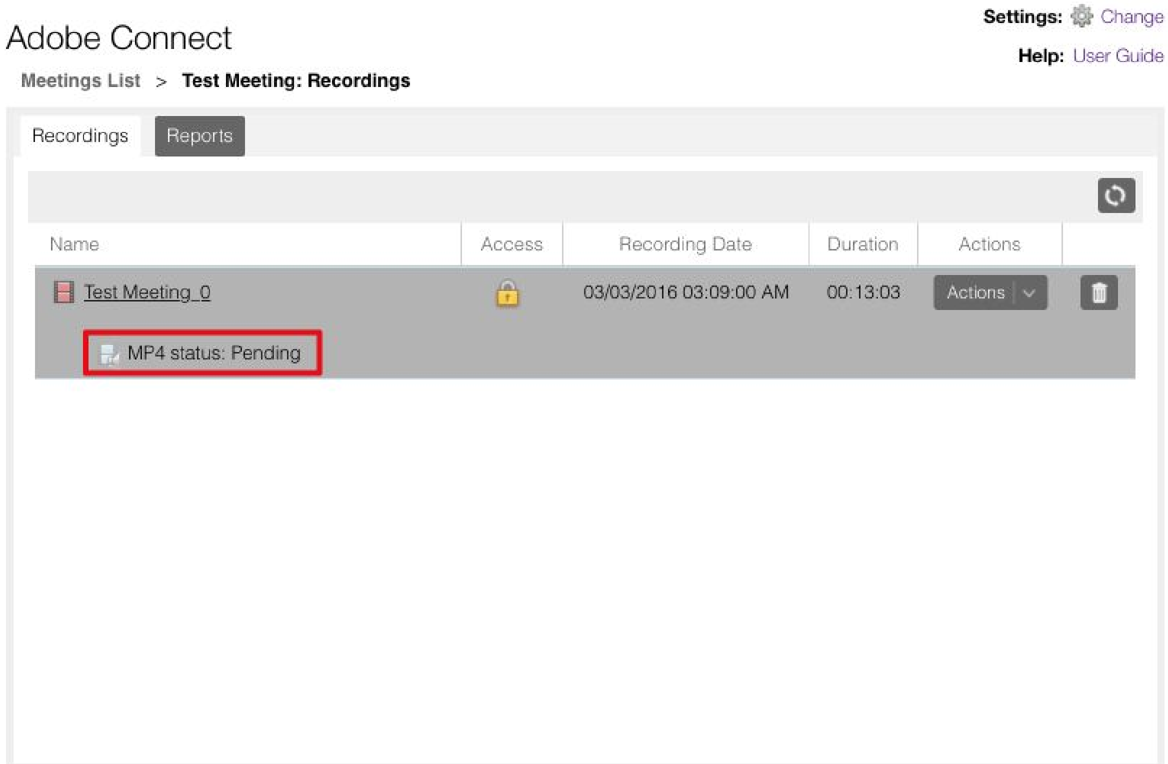
Navigate to **Adobe Connect LTI** application and click on the *Recordings* link.



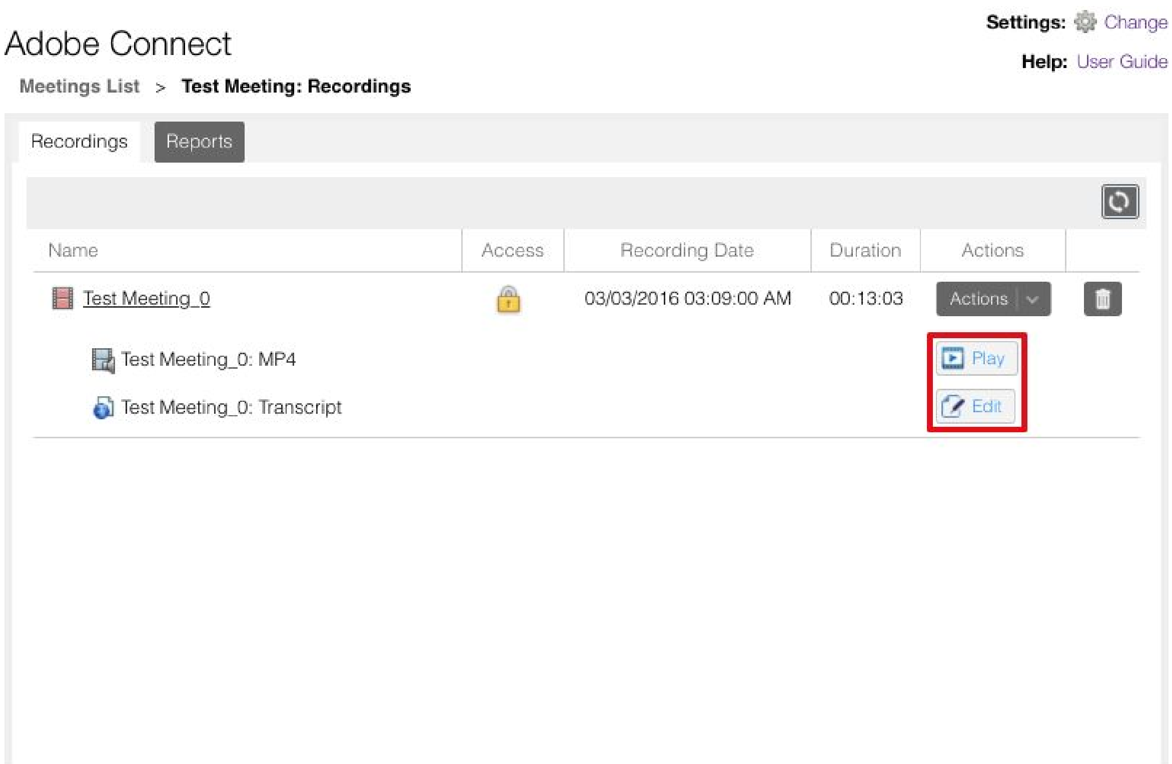
Open the **Actions** drop-down menu located next to required recording and select one of the options: *Make MP4* or *Make MP4 with Subtitles*.



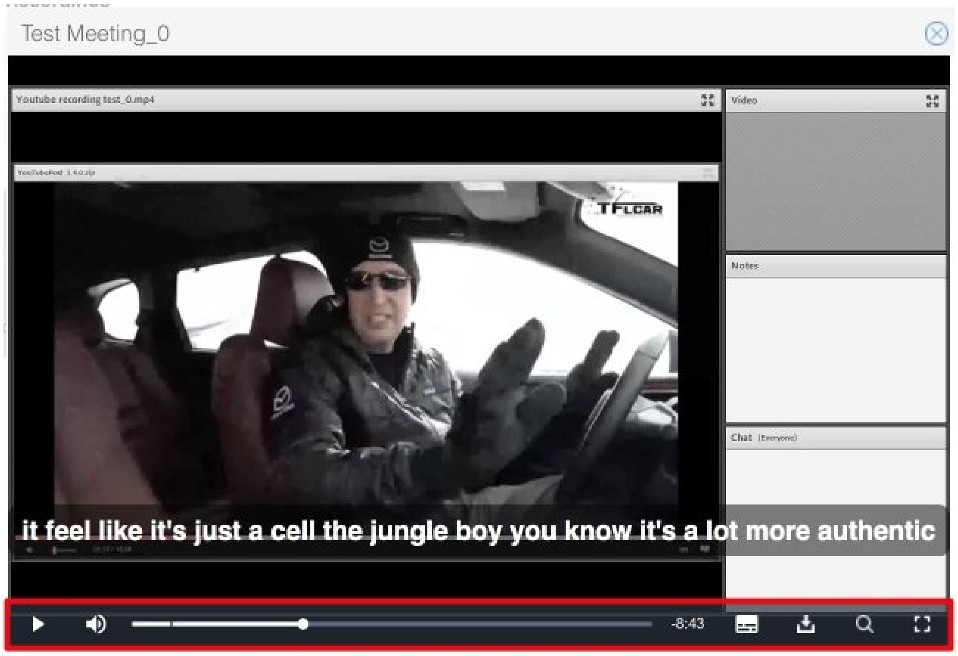
MP4 Status should be shown at the time the job passes through different stages of conversion.



Once the job is done *Play* and *Edit* buttons should appear.



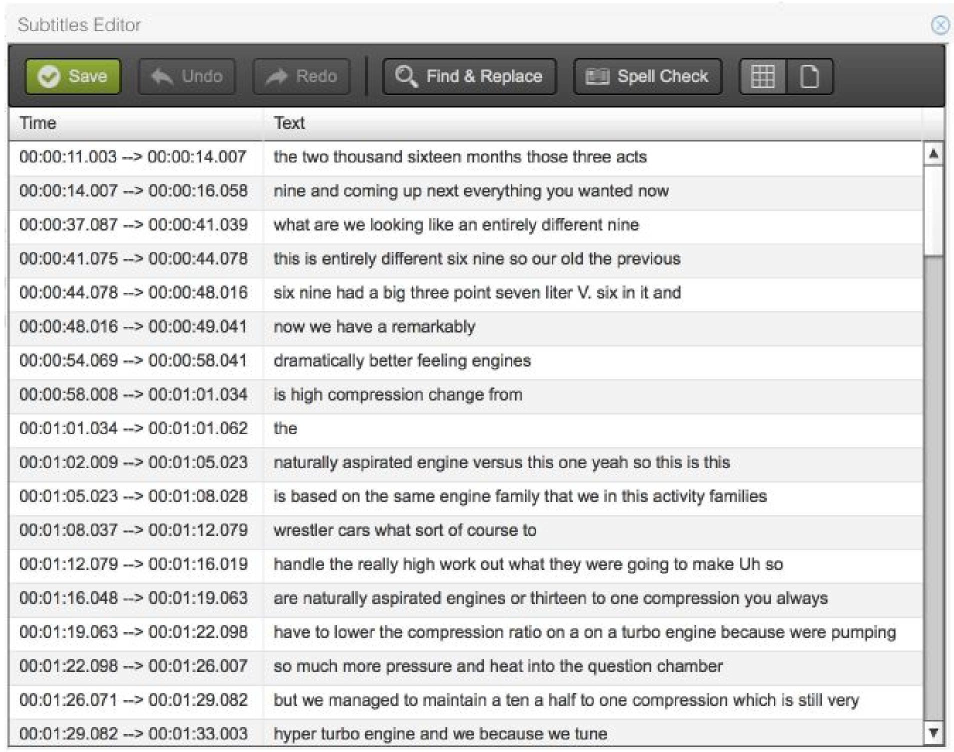
Click on the *Play* button next to appropriate MP4 file to view it in **Player** application.



Available functionality:

- Play/Pause
- Volume control
- Subtitles On/Off
- Download MP4/Subtitles
- Search within the subtitles
- Full Screen mode

Click on the *Edit* button next to appropriate Transcript file to view/edit it in **CC Editor** application.

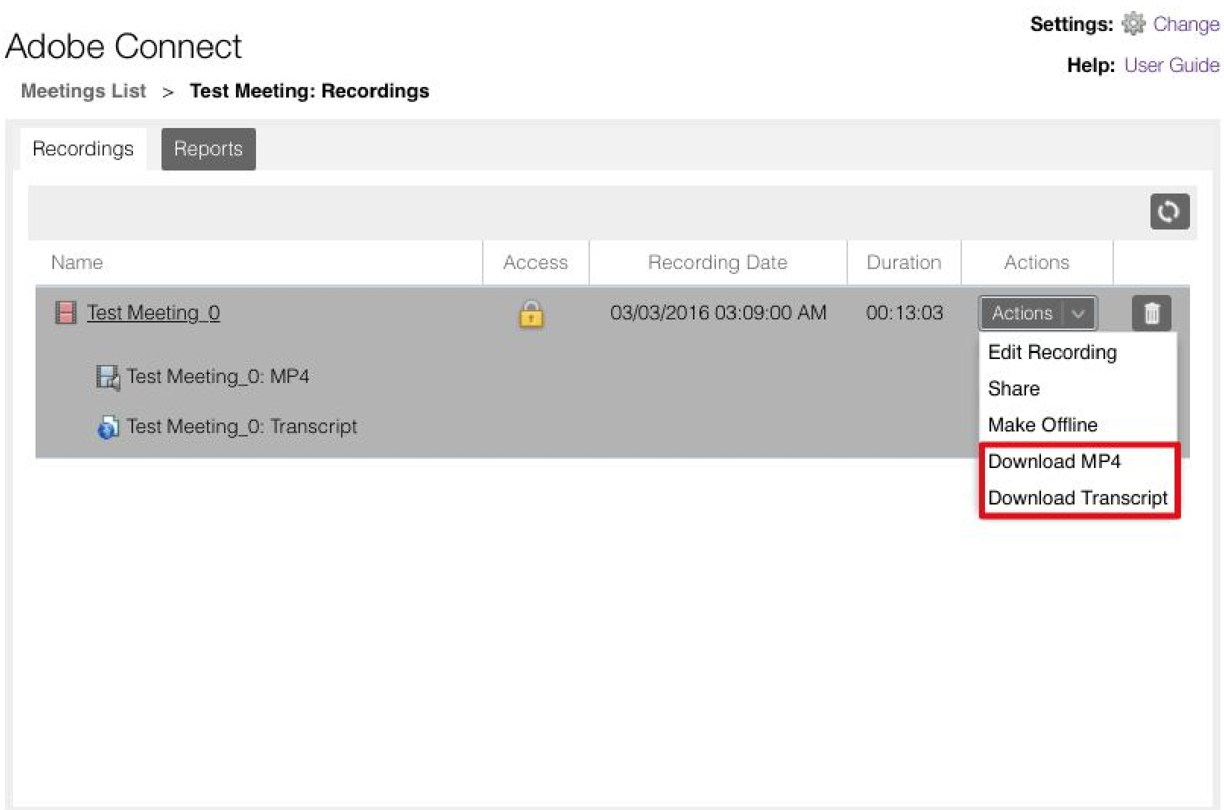


Available functionality:

- Undo/Redo changes
- Find and Replace text within the transcript
- Spelling check
- Table/Page view

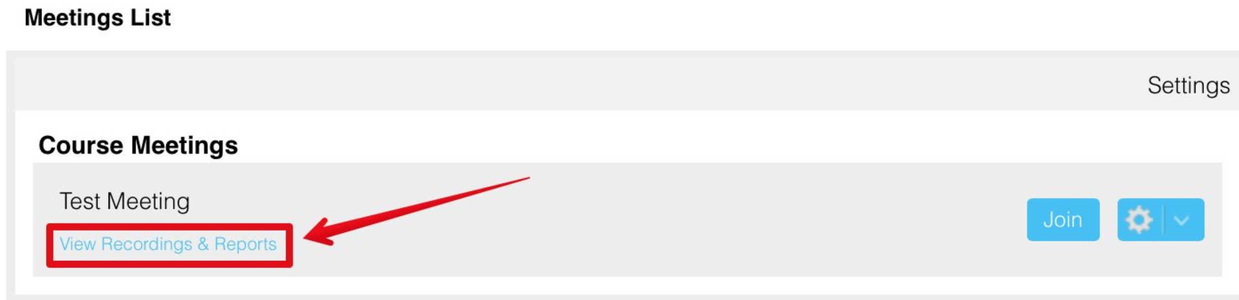
Edit required lines and click on the *Save* button to store the changes.

In order to download MP4 or Transcript files, open the **Actions** drop-down menu located next to required recording and select one of the options: *Download MP4* or *Download Transcript*.

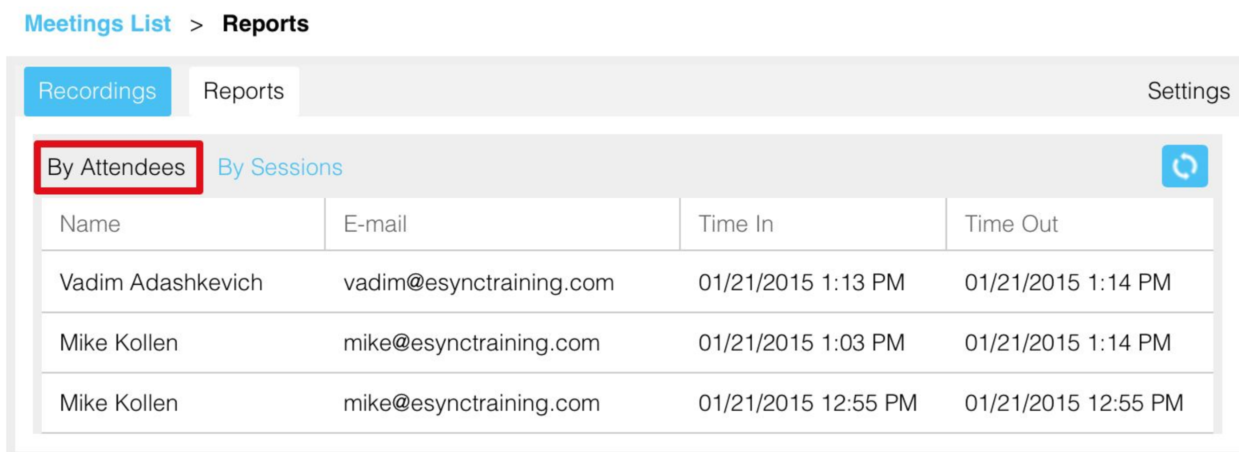


View Meeting Reports

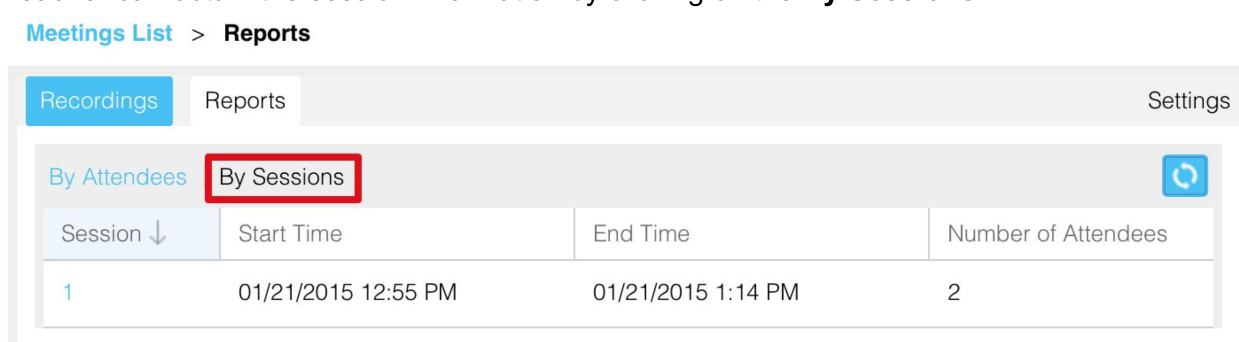
Navigate back to Adobe Connect application in Moodle page and click on the **View Recordings & Reports** link.



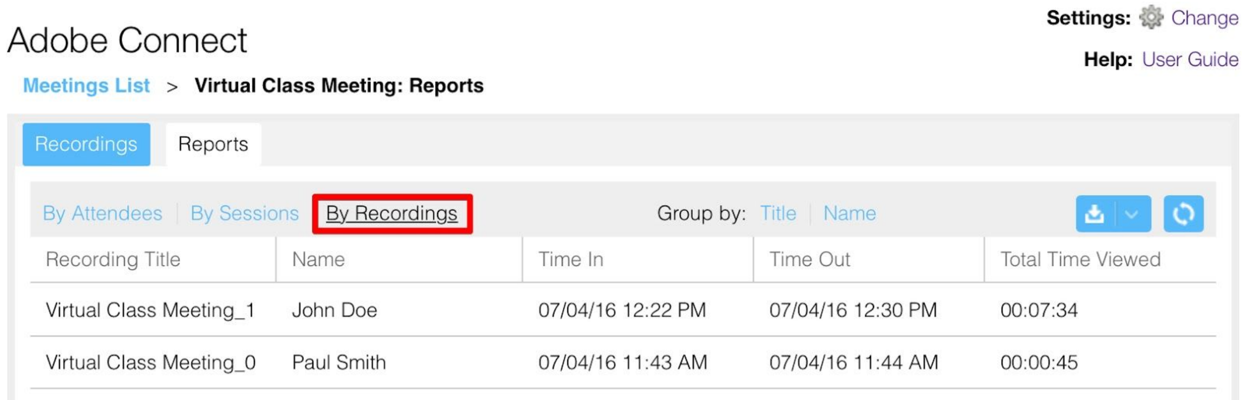
Open the **Reports** tab and click on the **Refresh** icon to get the latest list of the reports for this meeting.
Teacher can obtain the information about each individual student who has participated in the meeting.



Teacher can obtain the session information by clicking on the **By Sessions** link.

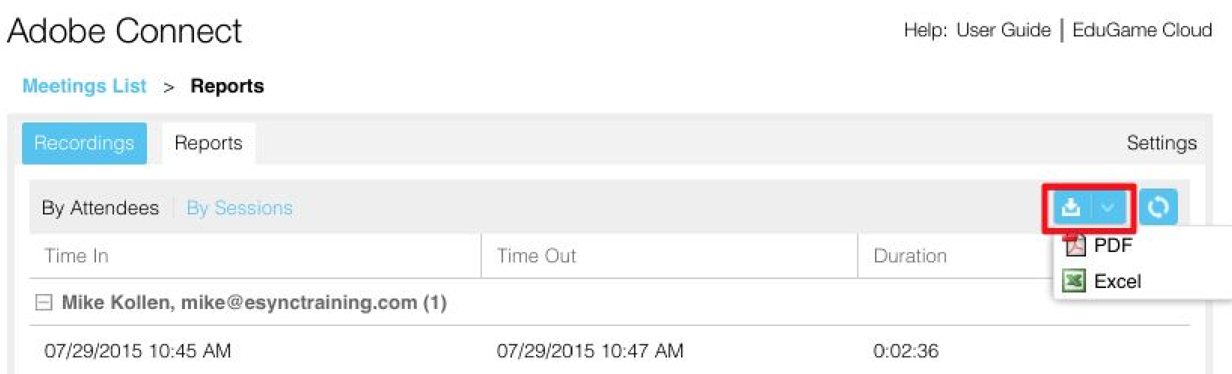


Information is available about each individual user who has viewed/watched the recording.



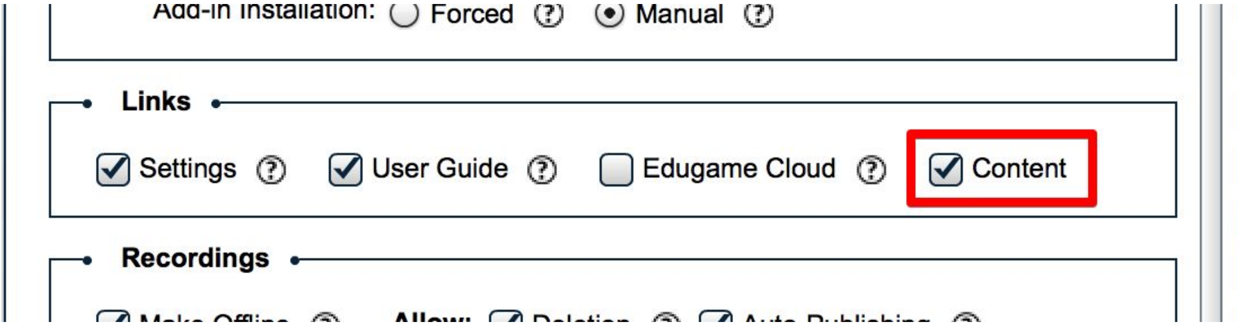
Results can be grouped by recording *Title* or *Name*.

Teachers are able to download reports as PDF and/or Excel files.
Click on the *Download* icon. Select the required file format to be downloaded.



Content Management

On the EduGame Cloud LMS license *Settings* page user can enable the Content option.

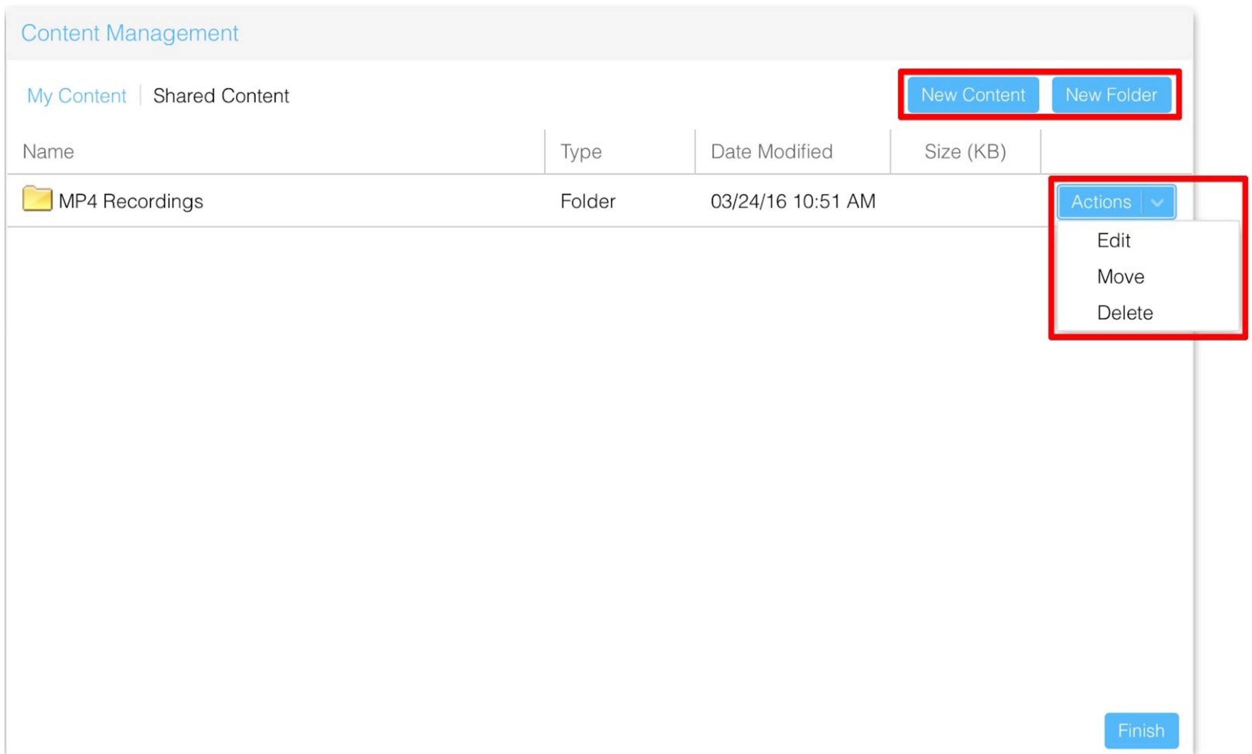


This setting allows users to manage My/Shared Content within the *Adobe Connect* LTI.

Open the *Adobe Connect* LTI and click on the Content link.

Inside the *Content Management* window user can perform the following actions:

- Create New Folder
- Upload files supported by Adobe Connect
- Edit/Move/Delete files and folders

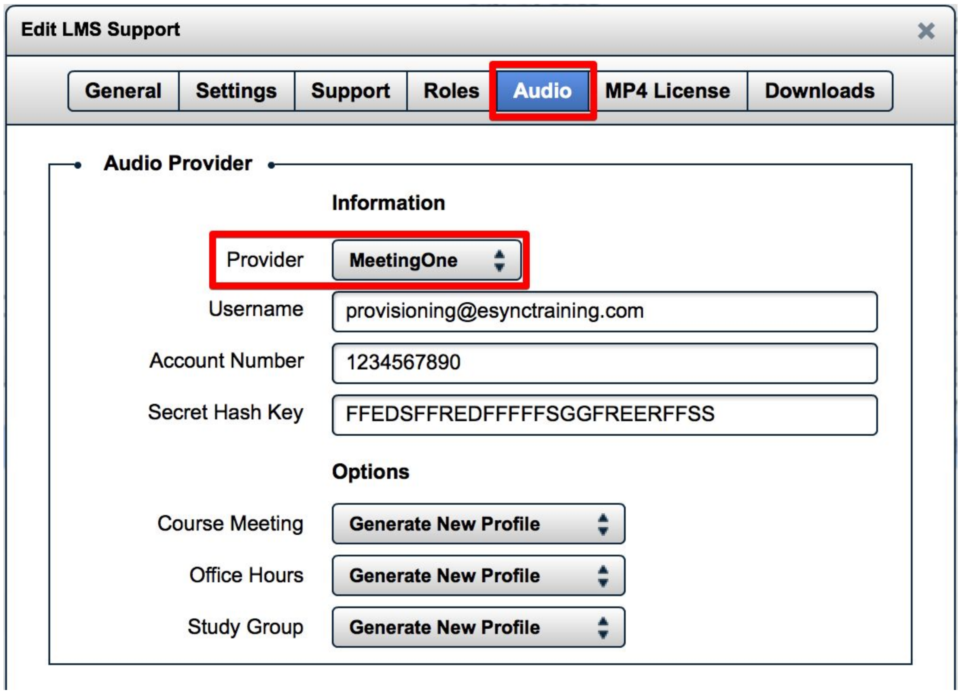


User can switch between My Content and Shared Content by selecting the appropriate tab link.

Audio Provider Support

MeetingOne

MeetingOne provider option can be enabled on the EduGame Cloud LMS license *Audio* tab.

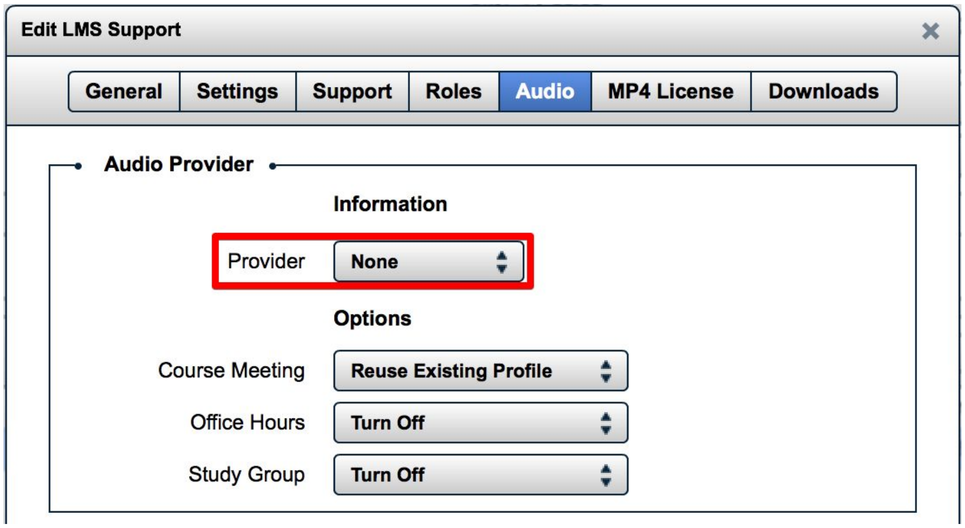


User should provide to eSyncTraining administrator valid *Username*, *Account Number* and *Secret Hash Key* information that will be further added in the LMS license.

The following *Audio Profile* options are available for **MeetingOne** provider selected:

- Course Meetings
    - Turn Off (*Audio Profiles* are not used)
    - Generate New Profile (*Audio Profile* will be automatically generated during the meeting creation)
- Office Hours
    - Turn Off (*Audio Profiles* are not used)
    - Generate New Profile (*Audio Profile* will be automatically generated during the meeting creation)
    - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)
- Study Group
    - Turn Off (*Audio Profiles* are not used)
    - Generate New Profile (*Audio Profile* will be automatically generated during the meeting creation)

None provider can be selected.

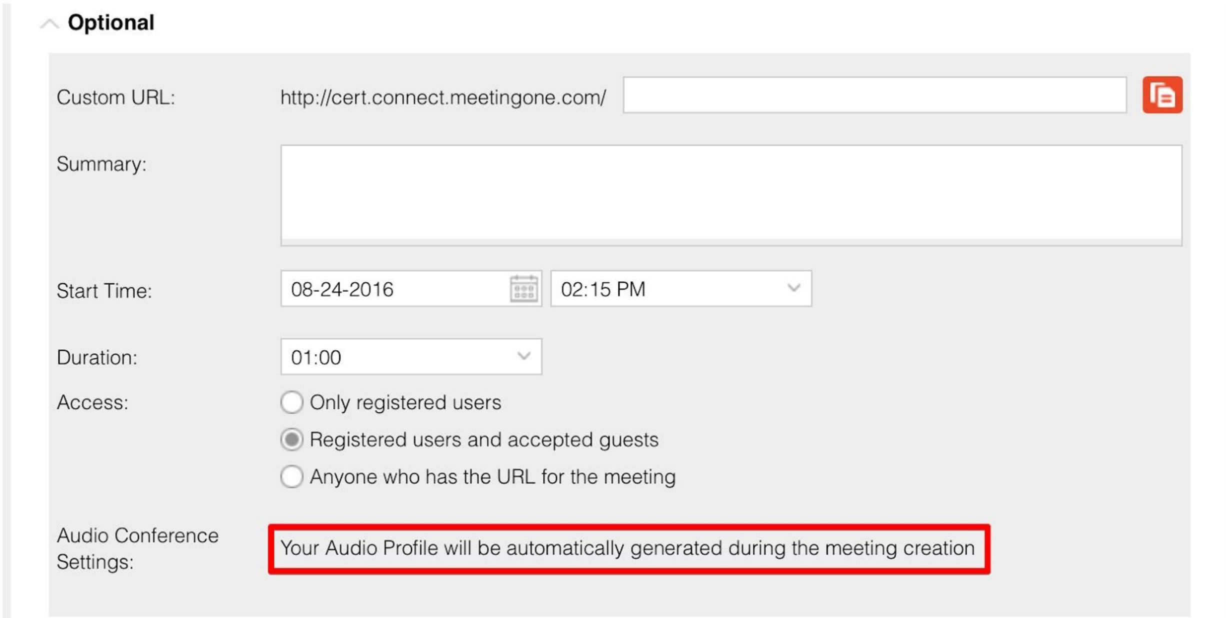


The following *Audio Profile* options are available when **None** provider selected:

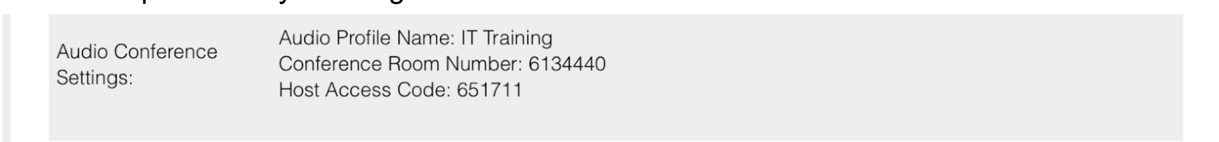
- Course Meetings
  - Turn Off (*Audio Profiles* are not used)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)
- Office Hours
  - Turn Off (*Audio Profiles* are not used)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)
- Study Group
  - Turn Off (*Audio Profiles* are not used)
  - Reuse Existing Profile (*Audio Profiles* that exist in Adobe Connect can be reused during the meeting creation)

Navigate to *Adobe Connect* LTI and click on the *Add Meeting* button, expand the **Optional** section and observe the *Audio Conference Settings*.

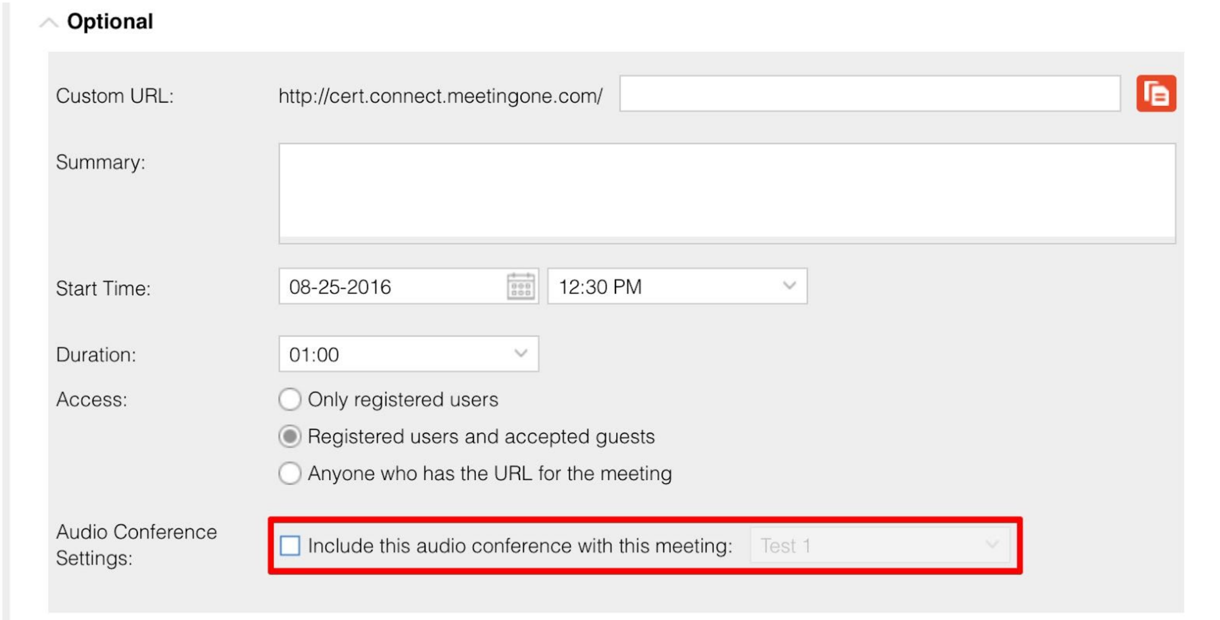
In case when *Generate New Profile* option selected user will see the following message:



After the meeting has been created, user can *Edit* the meeting and see the additional information provided by MeetingOne.



In case when *Reuse Existing Profile* option selected user will see the following option:

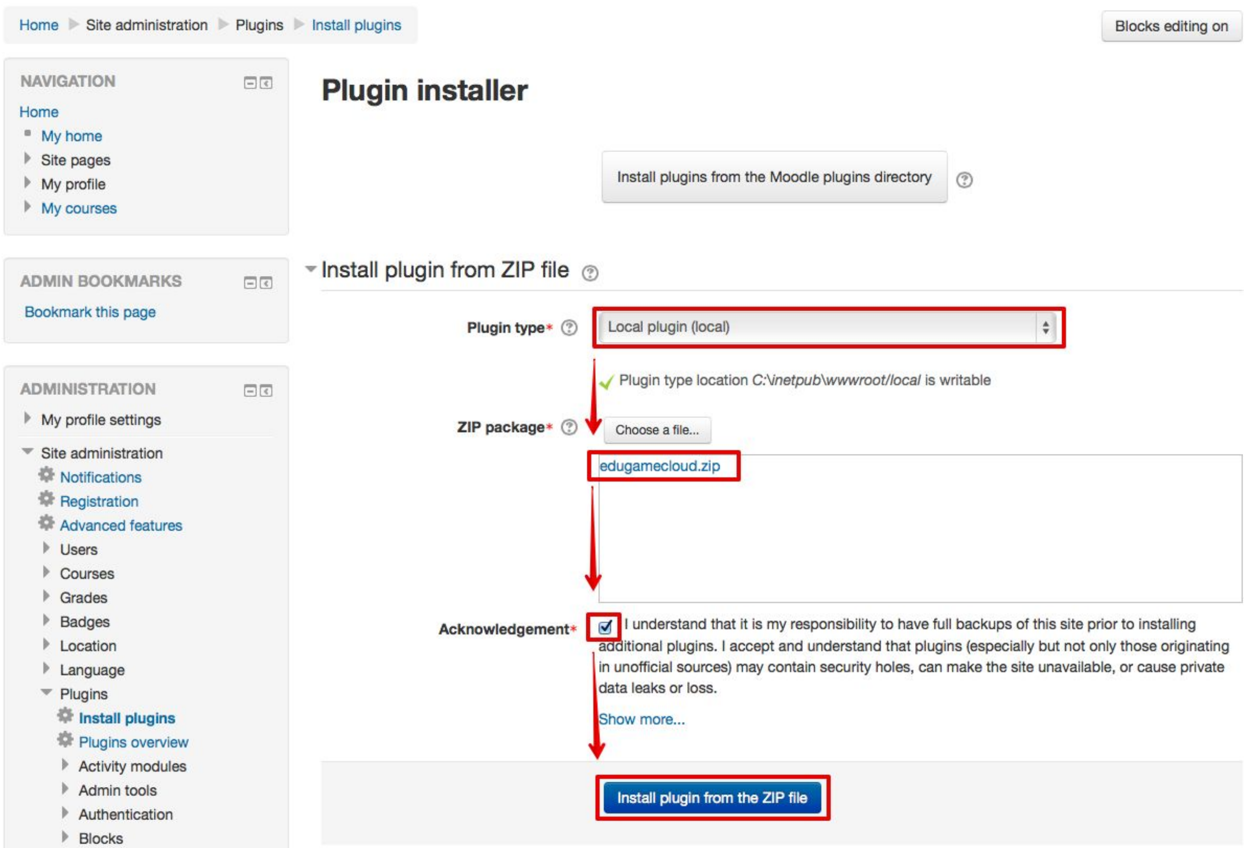


User can select the checkbox and choose from the list of the existing Audio Profiles.

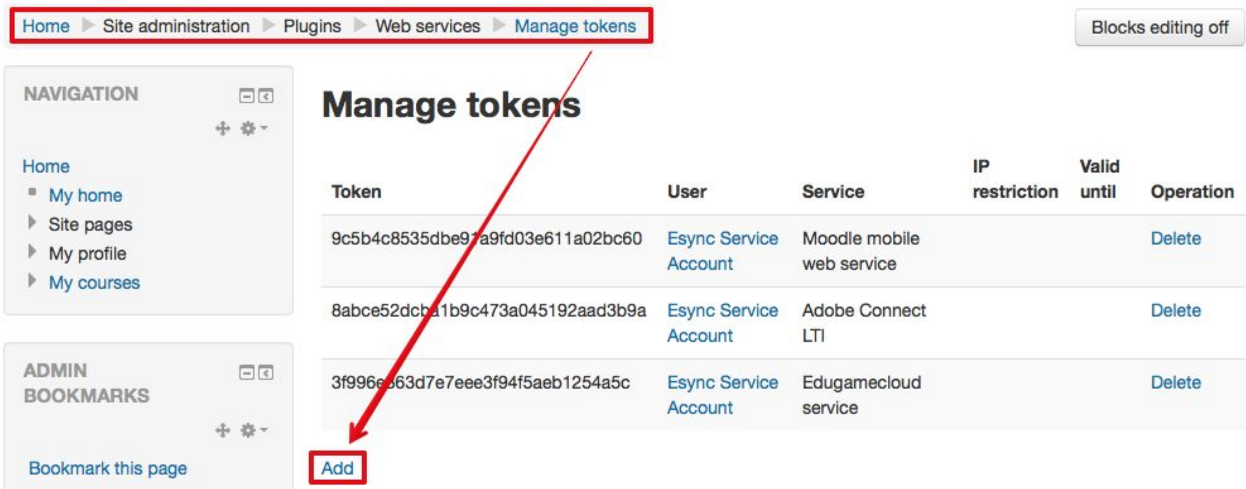
EduGameCloud in Adobe Connect

EduGameCloud Plugin Installation

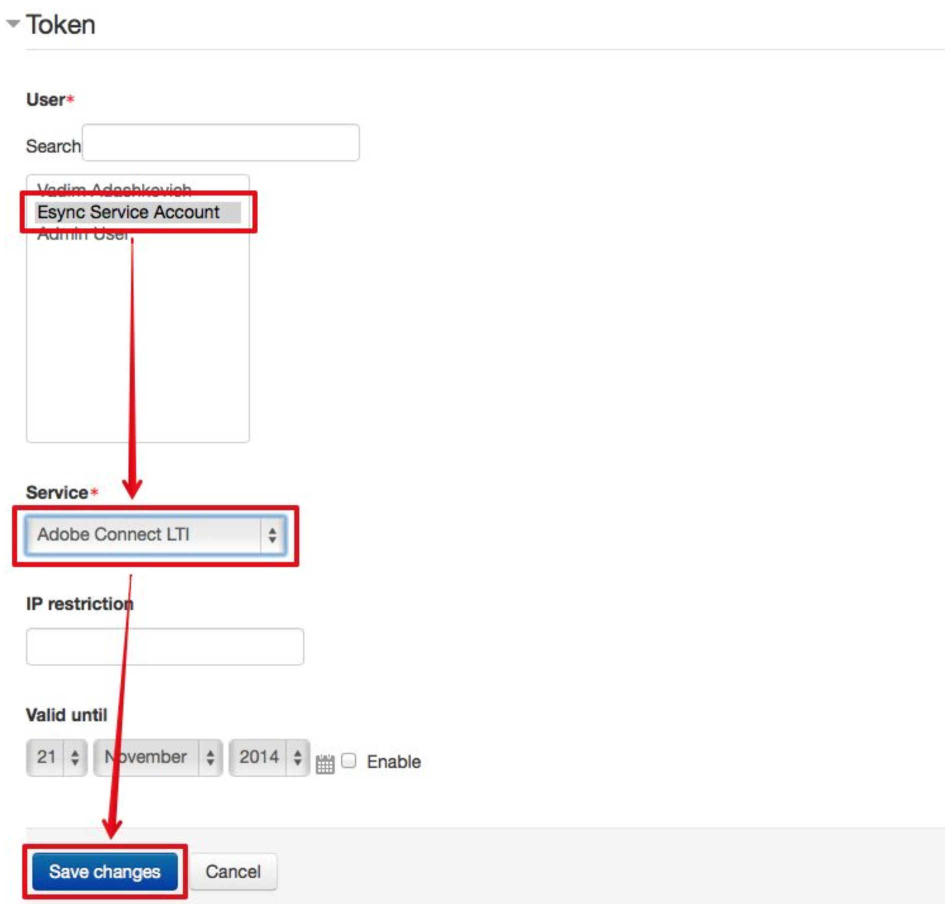
In the **Administration** navigation on the left side, open the **Install plugins** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Install plugins.
Select the *Local plugin (local)* in the **Plugin type** drop-down list.
Upload the edugameclod.zip plugin file.
Select the **Acknowledgement** checkbox and click on the **Install plugin from the ZIP file** button.



In the **Administration** navigation on the left side, open the **Manage tokens** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> Manage tokens.
Click on the **Add** link.

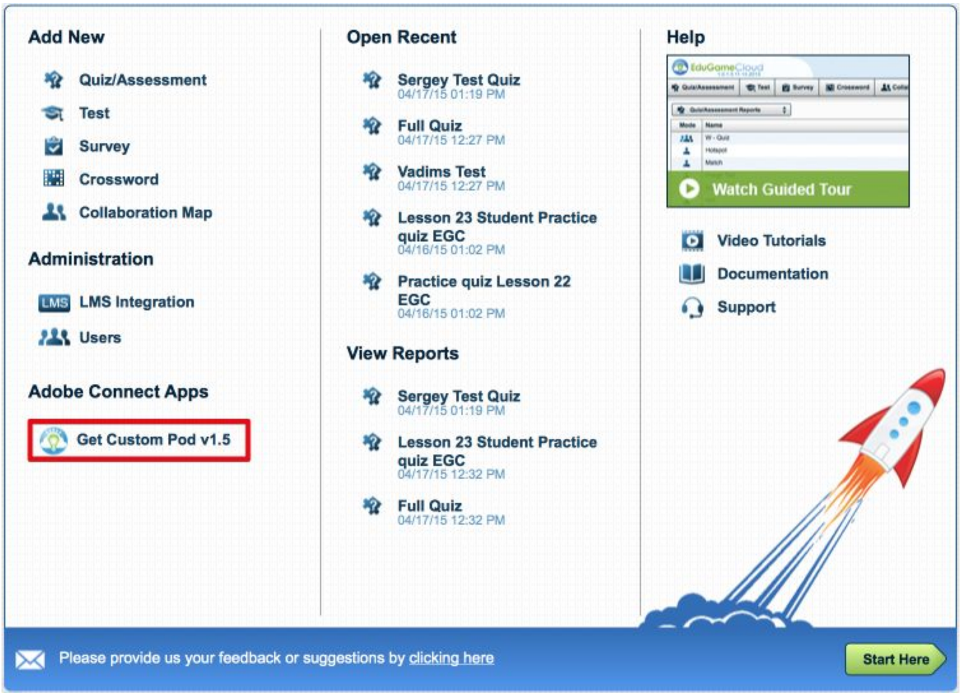


Select the admin **User**, select the **Service** from the drop-down list that was created in the previous step and click on **Save changes** button.

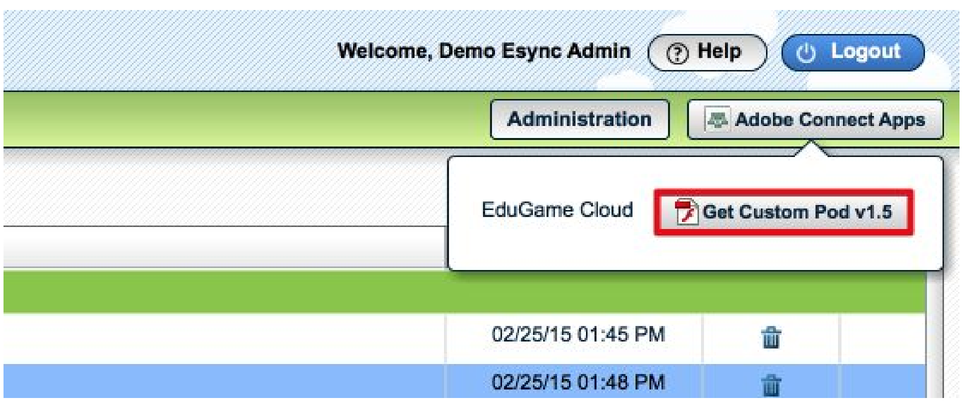


Import Moodle Quiz/Survey to EduGameCloud

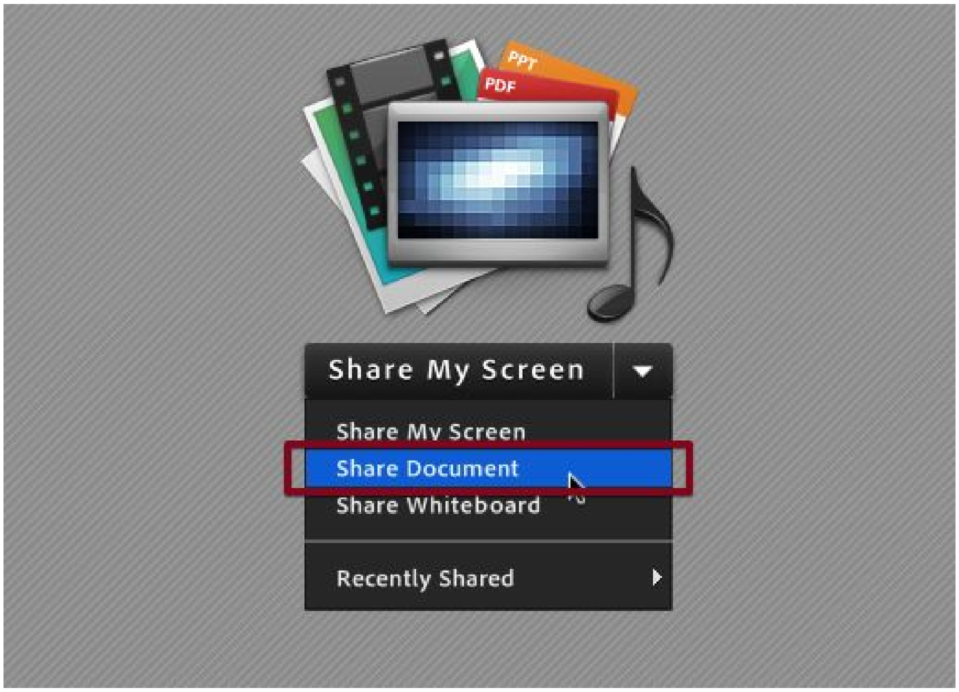
Navigate to app.edugamecloud.com page and download the latest EduGame Cloud public build from the *Welcome* screen...



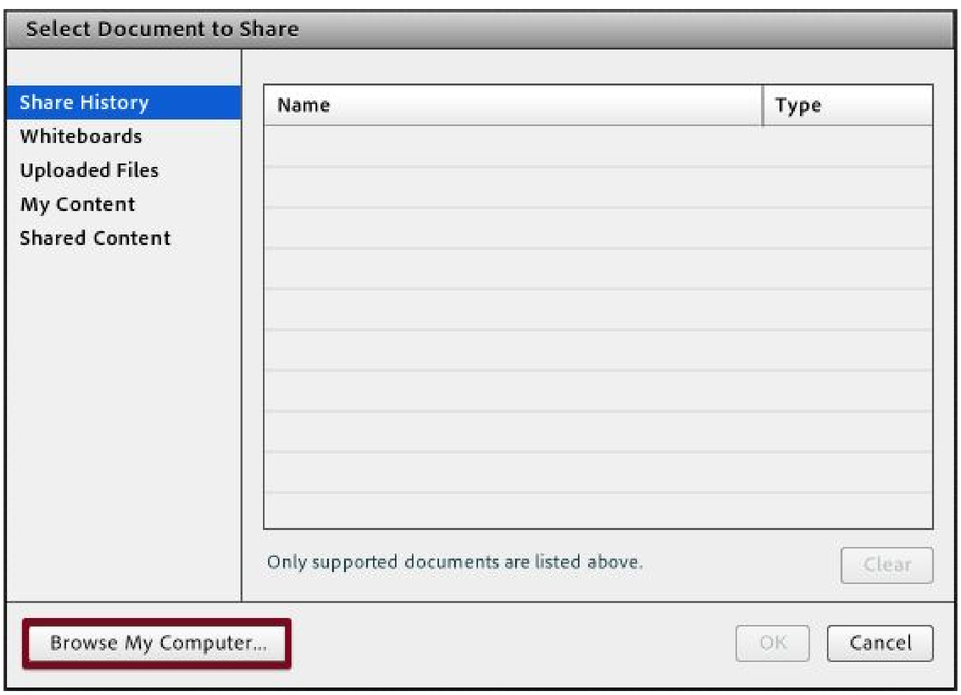
… or *Home* screen:



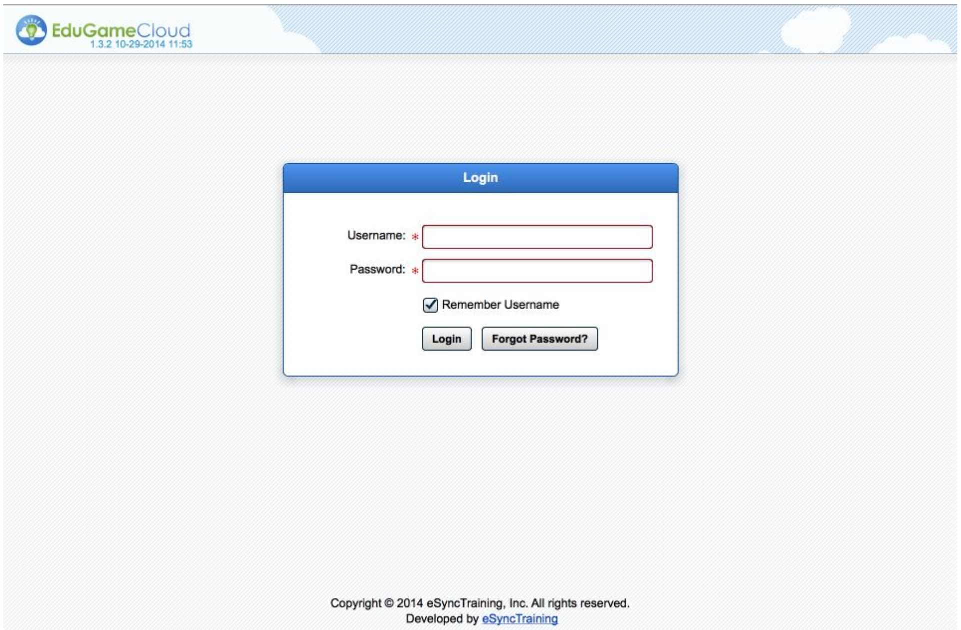
Navigate to Adobe Connect room and select the **Share Document** option from the *Share* drop-down menu.



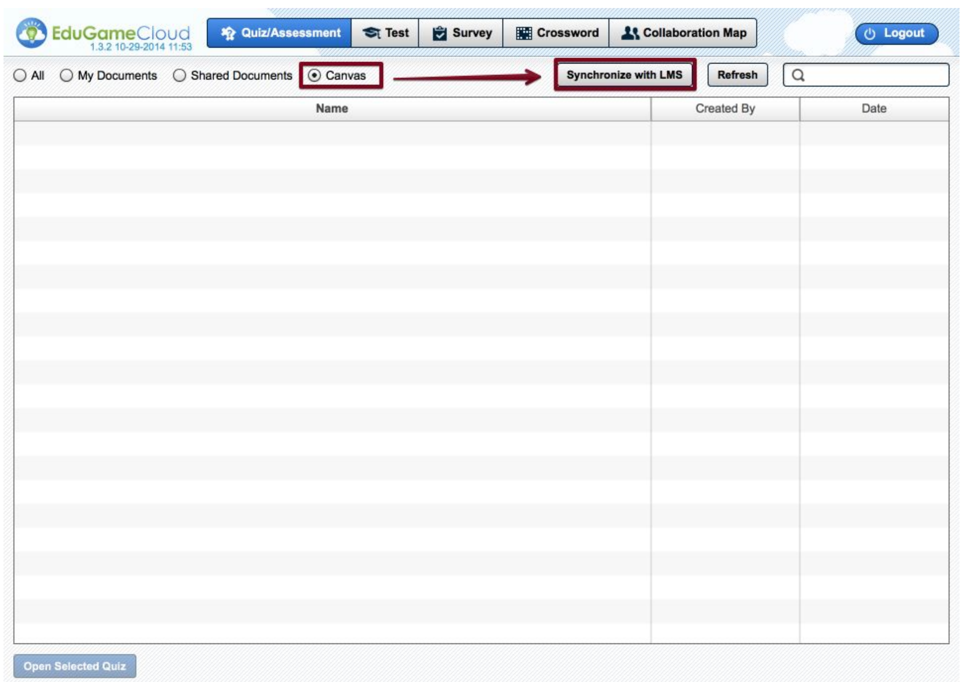
Click on **Browse My Computer** button, select the appropriate file and upload the build to Adobe Connect room.



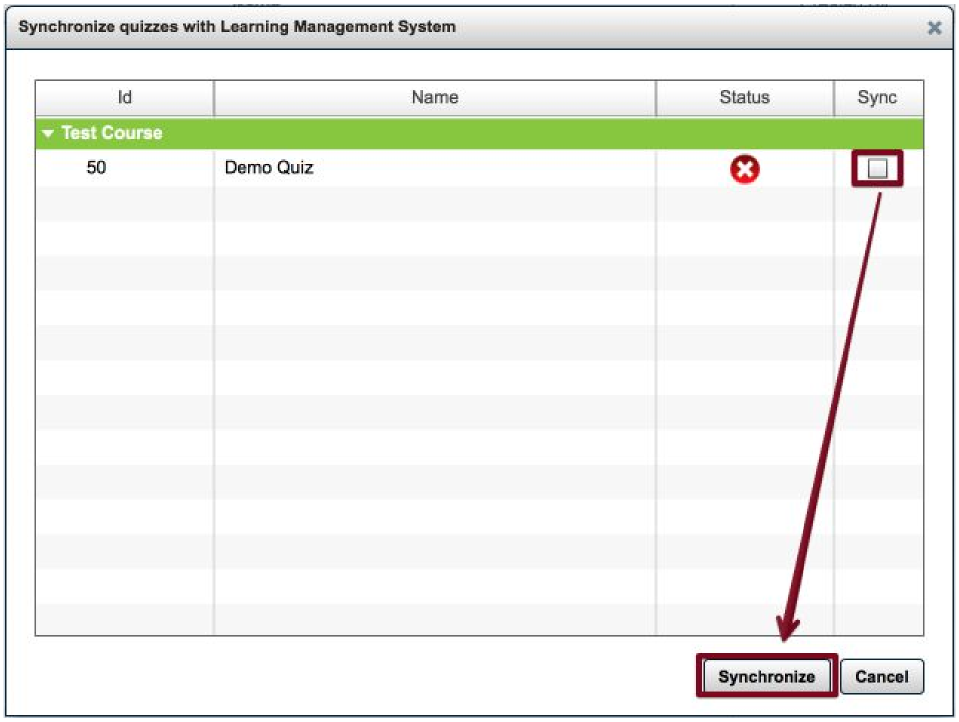
Once the build is successfully uploaded, enter valid EduGameCloud credentials.



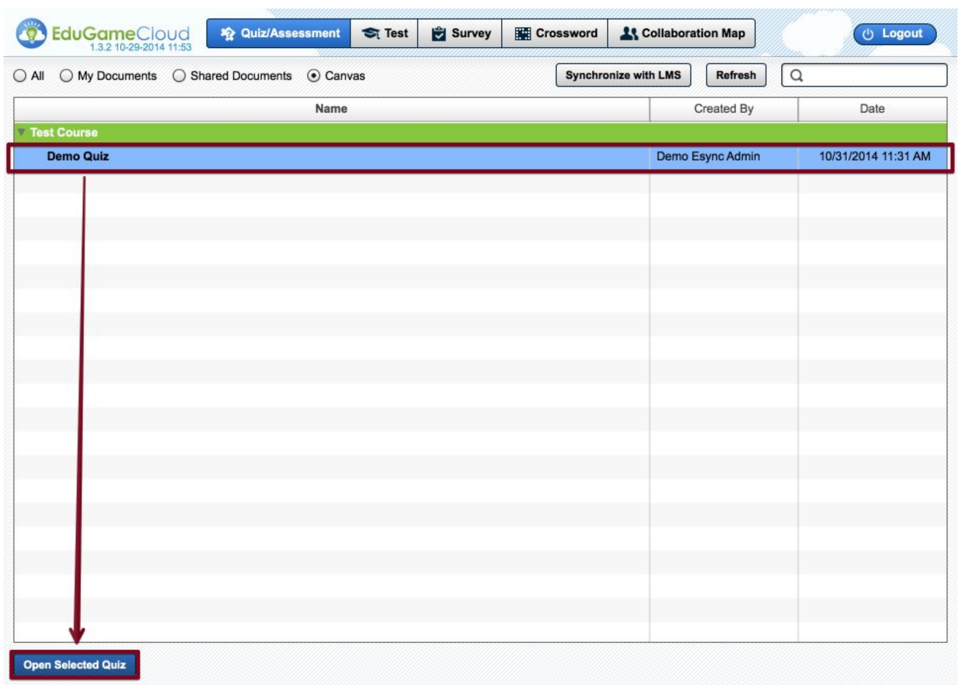
Navigate to *Quiz/Assessment* or *Survey* tab and select the **Moodle** radio-button and click on the **Synchronize with LMS** button.



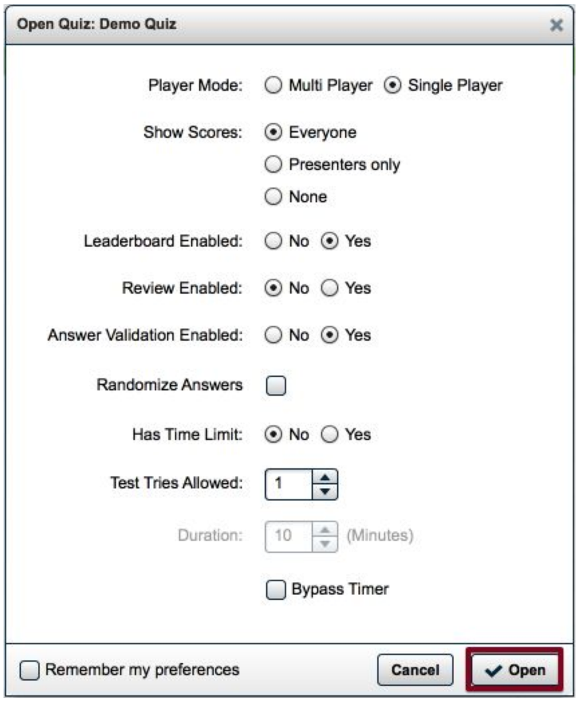
Select required quizzes/surveys and click on the **Synchronize** button.



Synchronized quizzes/surveys should appear under the *Moodle* list in EduGameCloud. Select any quiz/survey and click on the **Open Selected Quiz/Survey** button.



Set the required preferences and click on the **Open** button



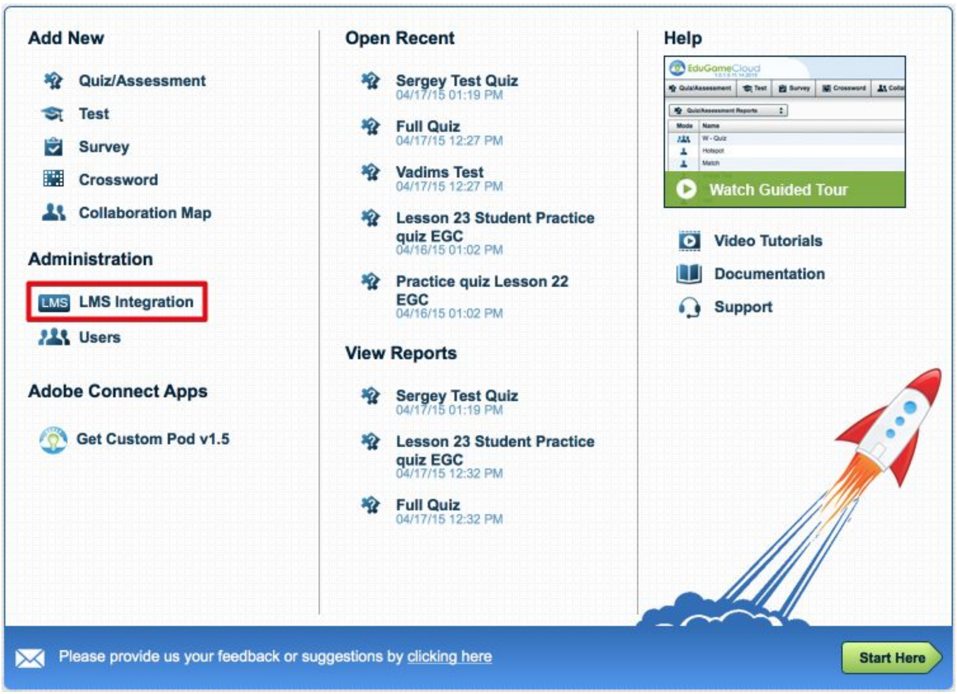
All participants should now see the quiz/survey.

Moodle Account Administrator Guide

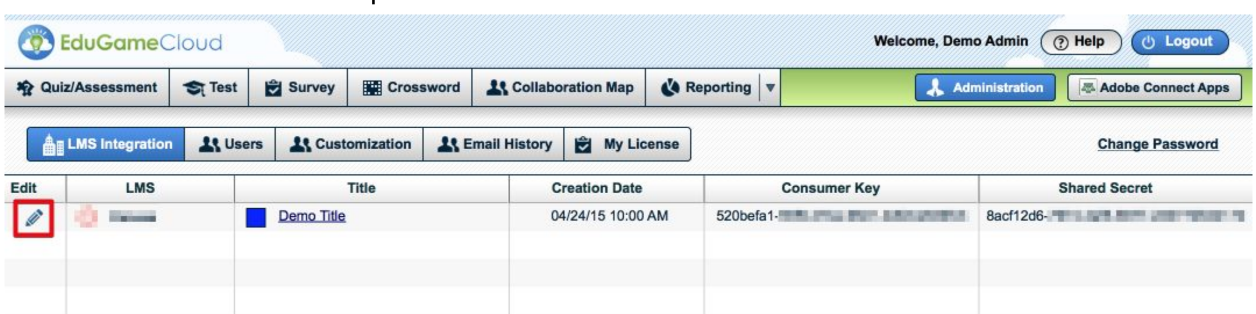
EduGame Cloud Administration

Configure LMS License in EduGame Cloud

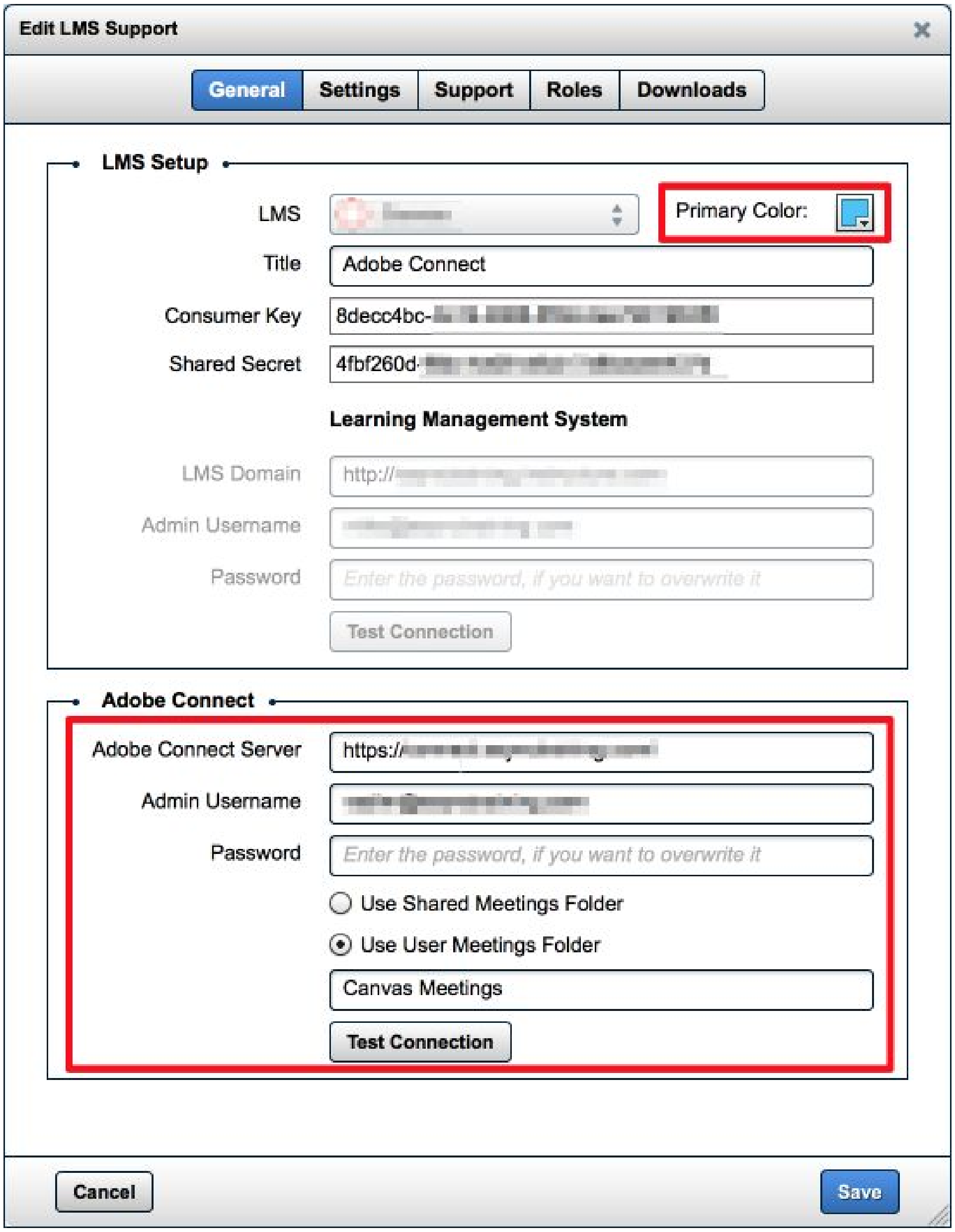
Navigate to app.edugamecloud.com and login using your Admin credentials.
Click on the **LMS Integration** link on the *Welcome* screen.



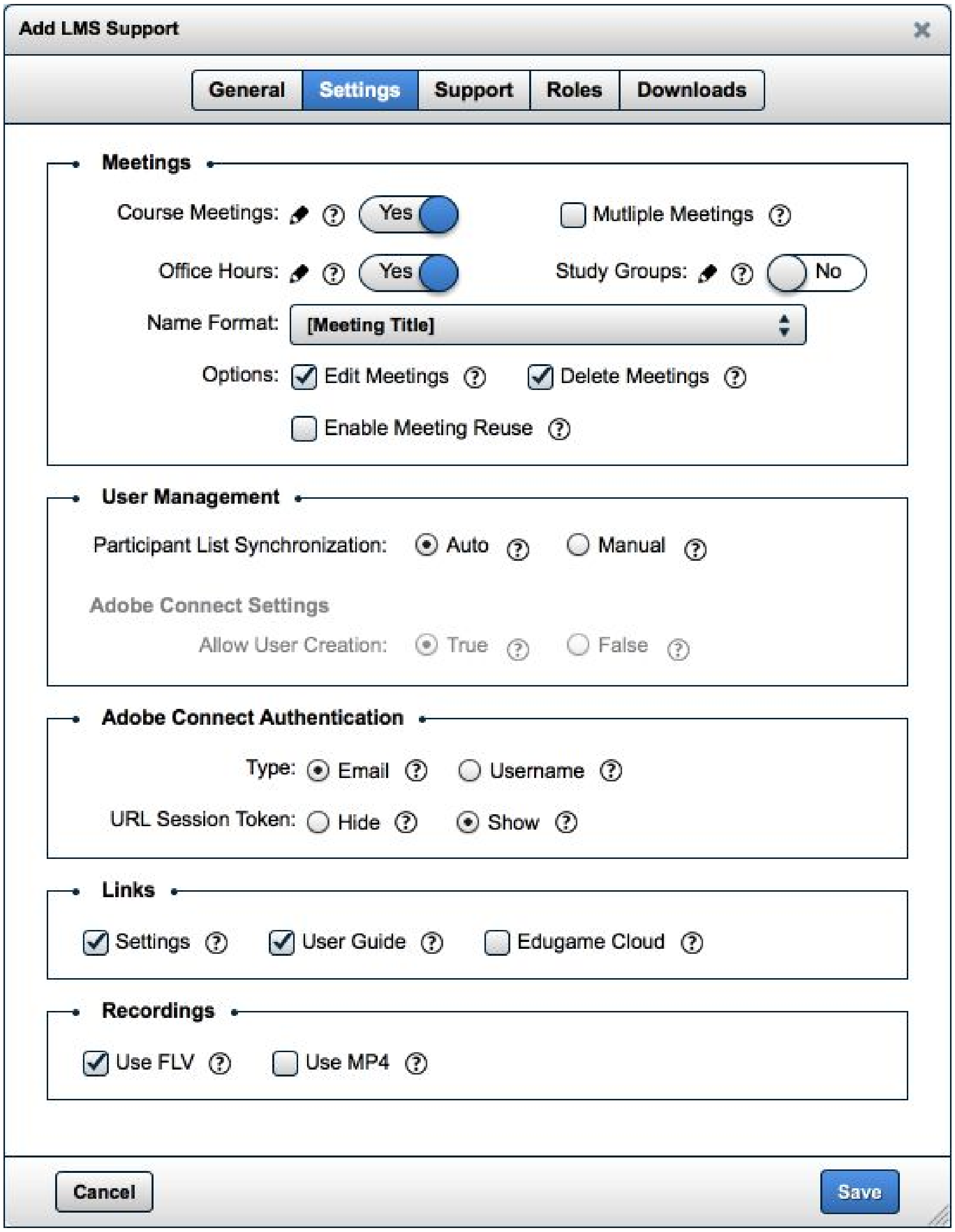
Click on **Edit** icon next to required LMS license in the list.



On the *General* tab admin user can edit the *Adobe Connect Server* and *credentials* and select the *Primary Color* for Adobe Connect LTI.



On the *Settings* tab admin user can adjust the following settings:



Course Meetings

Allow teachers to create course meetings

Office Hours

Allow teachers to create office hours that can be reused across multiple courses

Study Groups

Allow all participants to create study group Adobe Connect meetings. This user has similar privileges as an instructor in managing their study group

Multiple Meetings
Allow teachers to create multiple meetings in one course

Send Announcements
Send a LMS announcements to the students when the meeting is created

Edit Meetings
Allow teachers to edit the meetings

Delete Meetings
Allow teachers to delete the meetings

Participant List Synchronization
Auto
All course participants should be automatically synchronized with Adobe Connect users
Manual
Allow teachers to manually synchronize course participants with Adobe Connect users

Allow User Creation
True
Create a new Adobe Connect user when synchronizing with the active LMS course roster
False
Do not create new Adobe Connect users. Notify teachers that user does not exist in Adobe Connect and needs to be created manually

Adobe Connect Authentication Type (retrieved from Adobe Connect login policy settings)
Email
Course participants should be authenticated first by email address and if the email address does not exist then try to use the username
Username
Course participants should be authenticated first by username and if the username does not exist then try to use the email address

URL Session Token
Show
Show Session Token in the URL when joining the Adobe Connect room. This is less secure, but does not requires cookies to be enabled
Hide
Hide Session Token in the URL when joining the Adobe Connect room. This is more secure, but requires cookies to be enabled

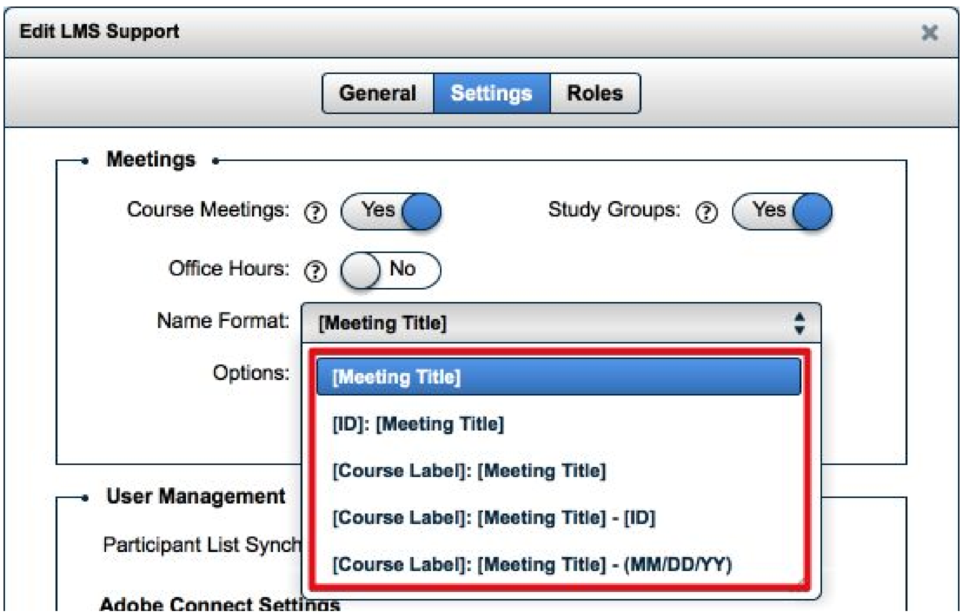
Settings
Allow all course attendees to use their own passwords to enter the Adobe Connect room

User Guide
Show LMS user guide link. Shown for teachers only
EduGame Cloud
Show EduGame Cloud user guide link

Use FLV
Create an offline recording as an FLV file

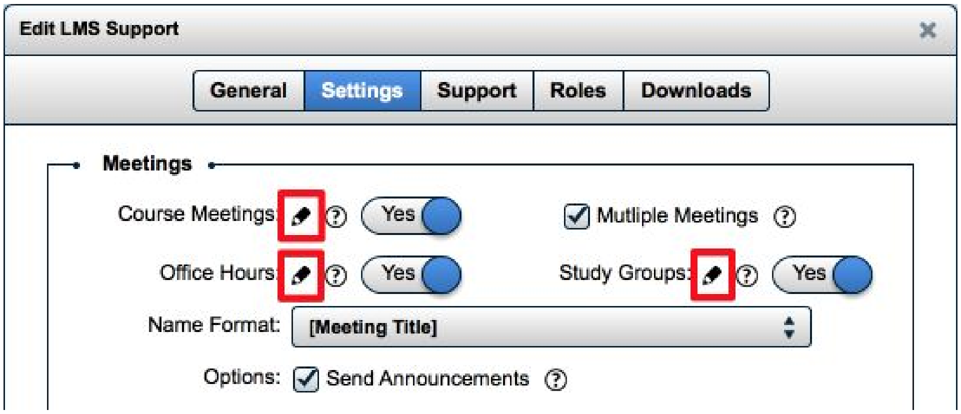
Use MP4
Create an offline recording as an FLV file

User can select one of the following *Meeting Name* templates:

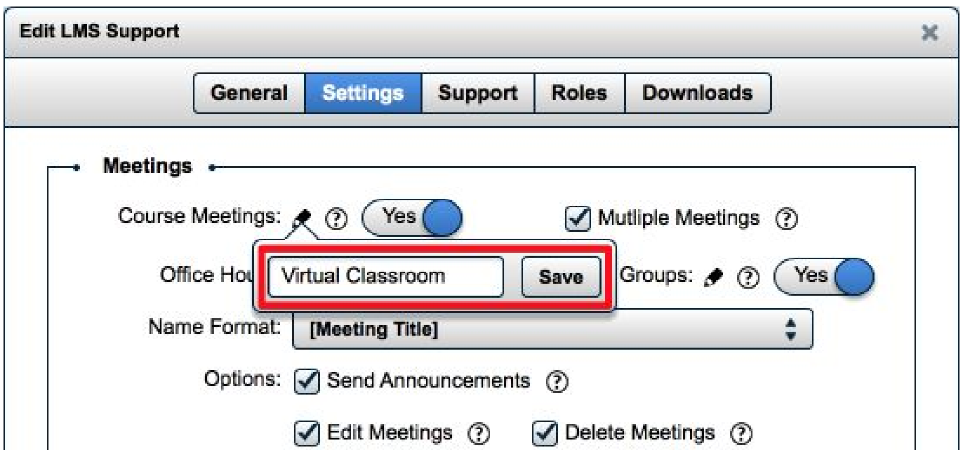


When user creates a meeting in the **Adobe Connect** LTI, only *Meeting Title* should be specified. Thus appropriate meeting will be created in a Adobe Connect and named using the chosen template.

On the EduGame Cloud LMS license *Settings* page user can edit the **Meeting Labels**. Click on **Edit** icon next to required meeting type.

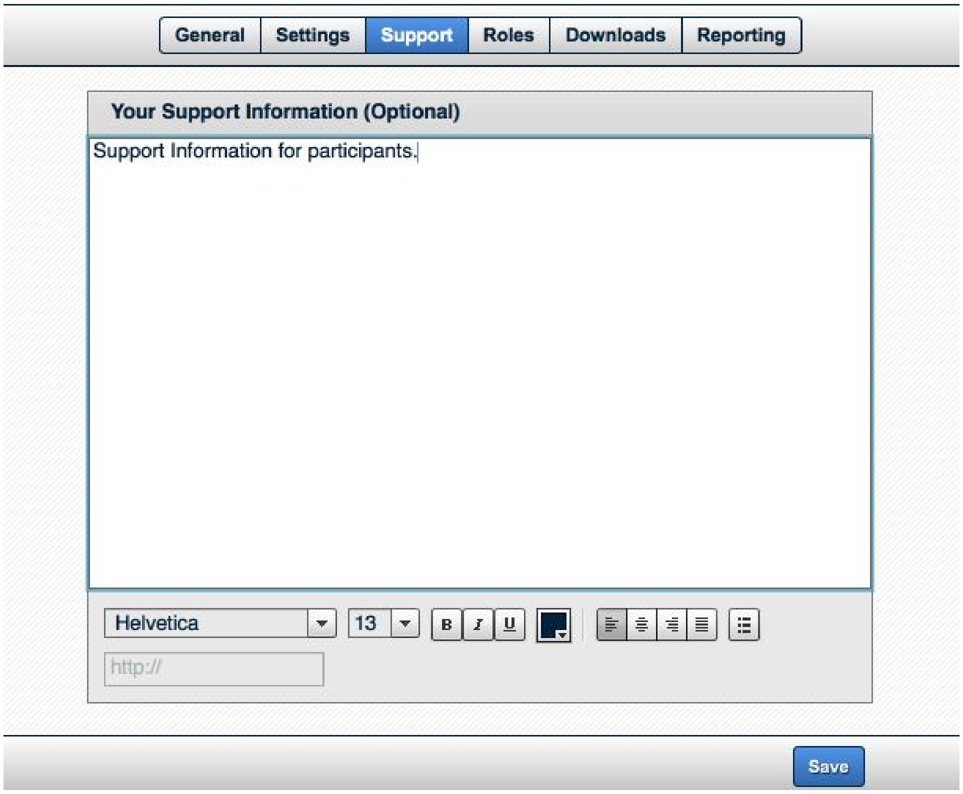


Enter desired label and click on **Save** button.

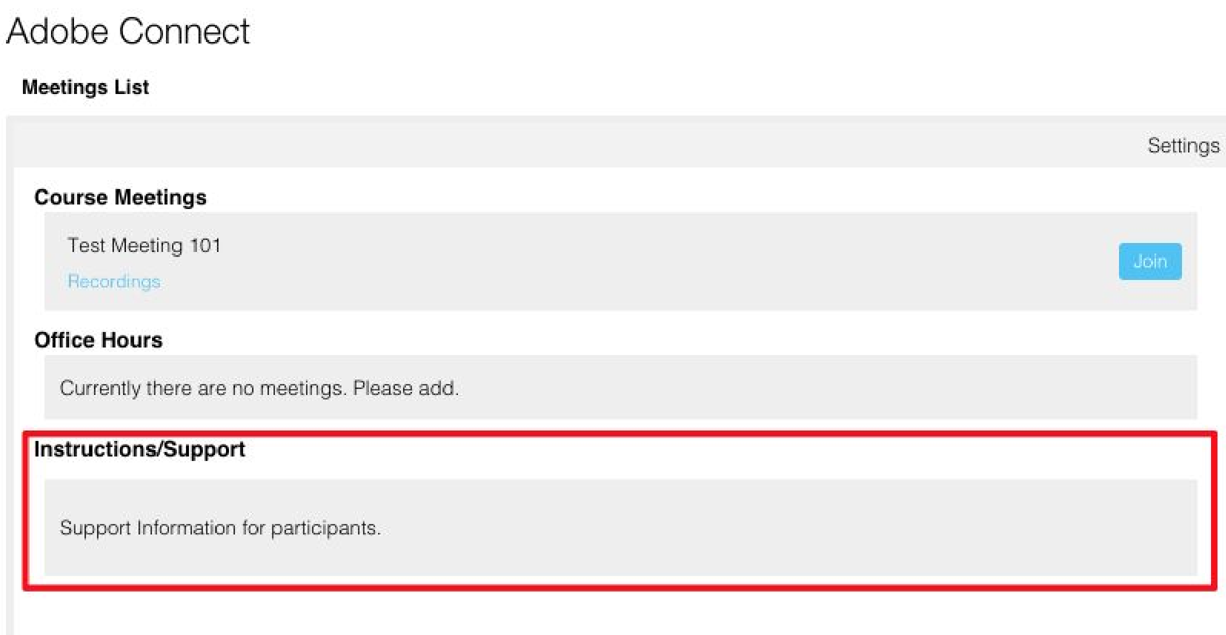


Save the license and observe the **Adobe Connect LTI**. New Meeting Label should appear.

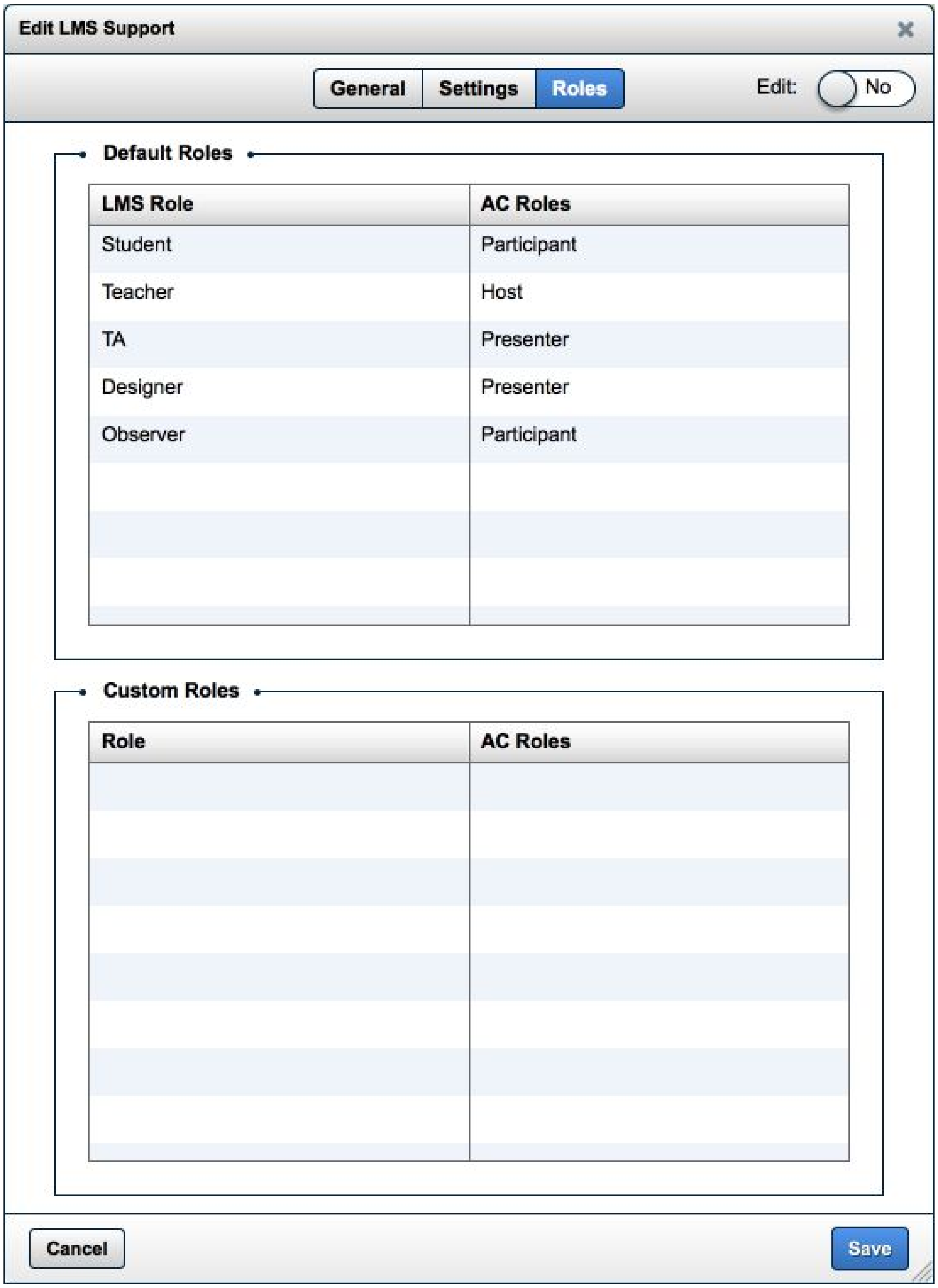
On the *Support* tab admin user can add any *Support Information/Instructions* that will be shown for all users accessing the Adobe Connect LTI.



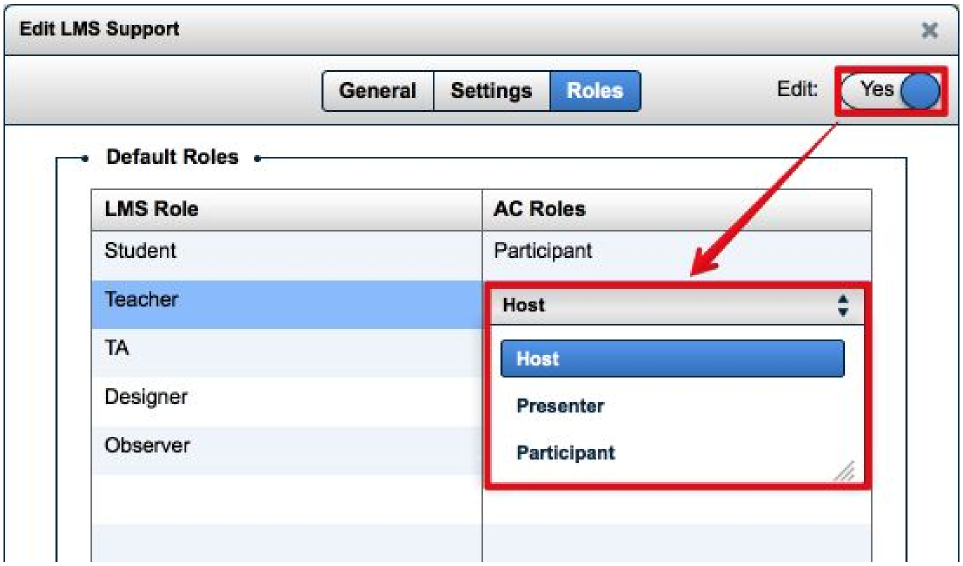
All LTI participants will see *Support Information/Instructions* in the following way:



On the *Roles* page user can specify the mapping rules for default and custom LMS roles.

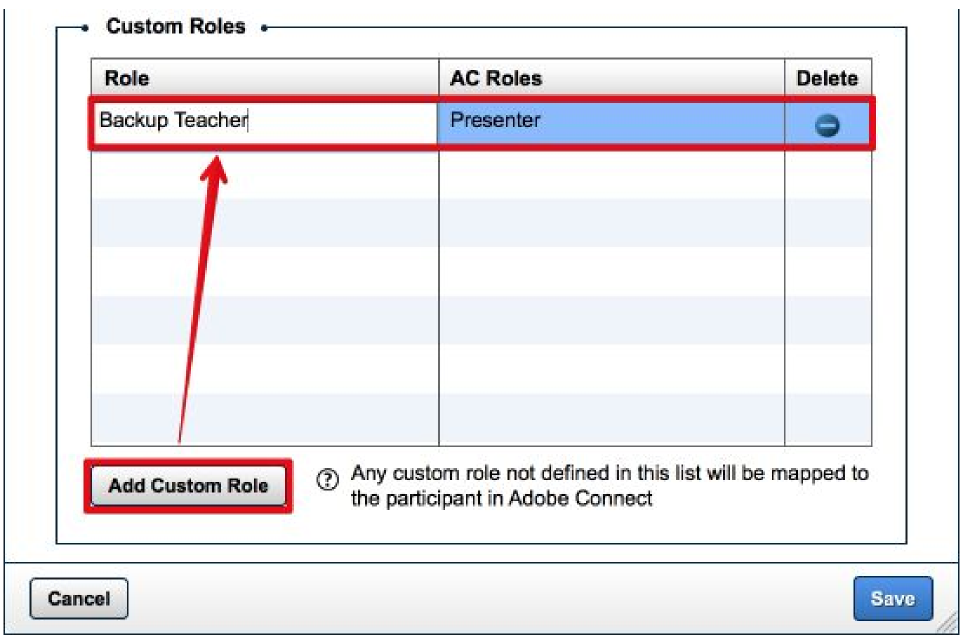


In order to change *Default Roles* mapping change the **Edit** toggle to *Yes*, select any default *LMS Role* and pick the required *AC Role* from the dropdown.



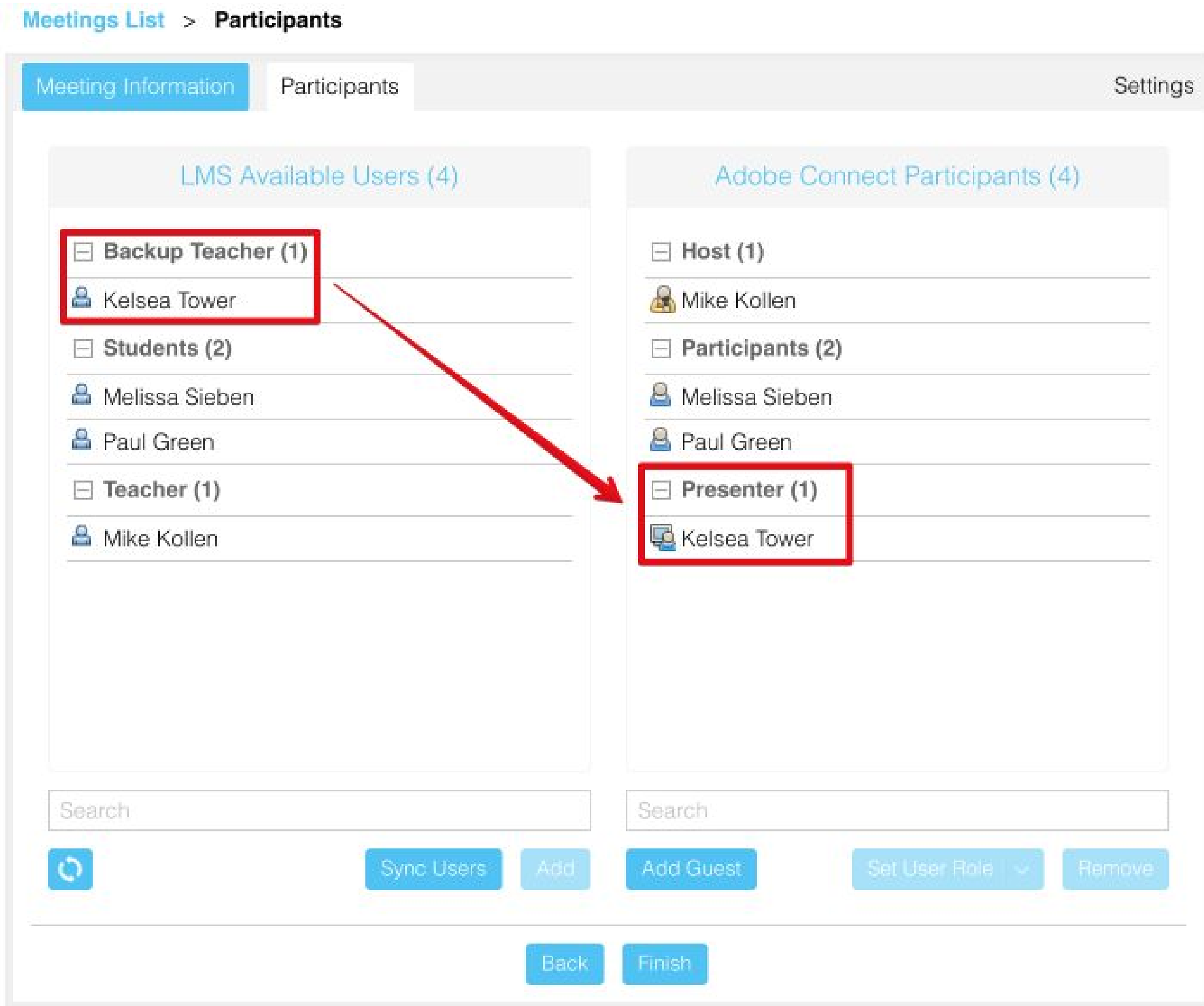
Click on the **Save** button to store the changes.

In order to specify *Custom Roles* mapping change the **Edit** toggle to *Yes*, click on the **Add Custom Role** button, enter the required *Role Name* and pick the required *AC Role* from the dropdown.

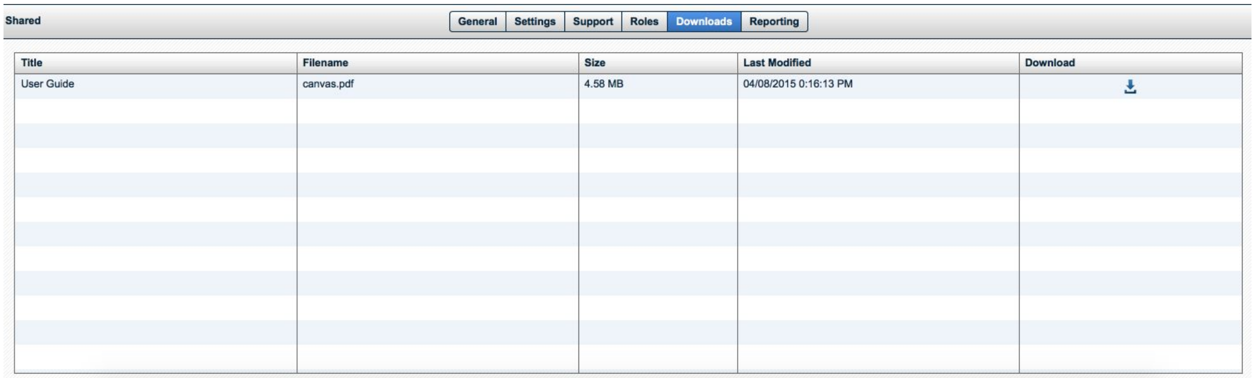


Click on the **Save** button to store the changes.

Open the *Adobe Connect* LTI and click on the *Gear* icon and create a new meeting. Observe the **Participants** tab. Custom roles should be properly mapped.



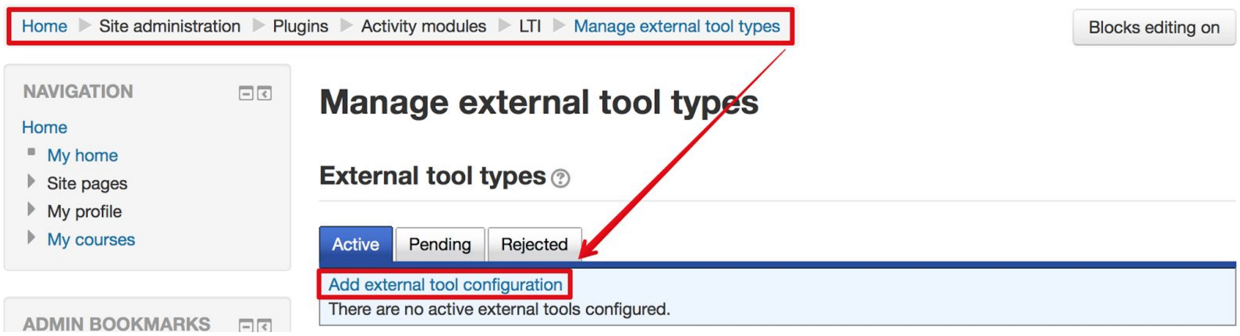
On the *Downloads* tab admin user can download User Guide and other complementary files.



Configure Adobe Connect LTI for Your Moodle Account

In the **Administration** navigation on the left side, open the **Manage external tool types** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Activity modules -> LTI -> Manage external tool types.

Click on the **Add external tool configuration** link.

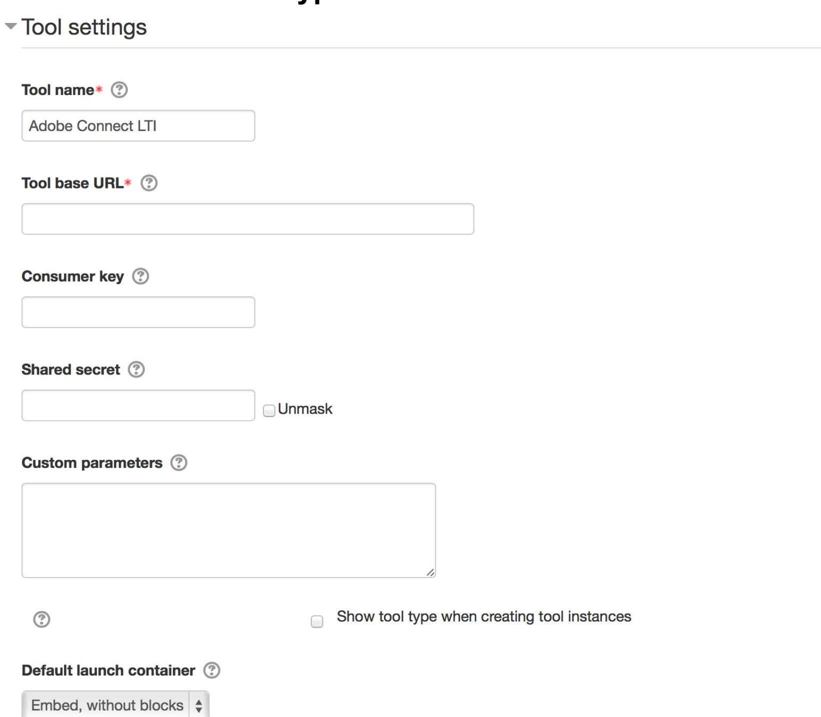


Enter the **Tool Name**, **Tool Base URL**, **Consumer Key** and **Shared Secret**.

You will find your *Consumer Key* and *Shared Secret* in EduGame Cloud Administration.

Use the following *Tool base URL*: https://app.edugamecloud.com/lti/moodle-login

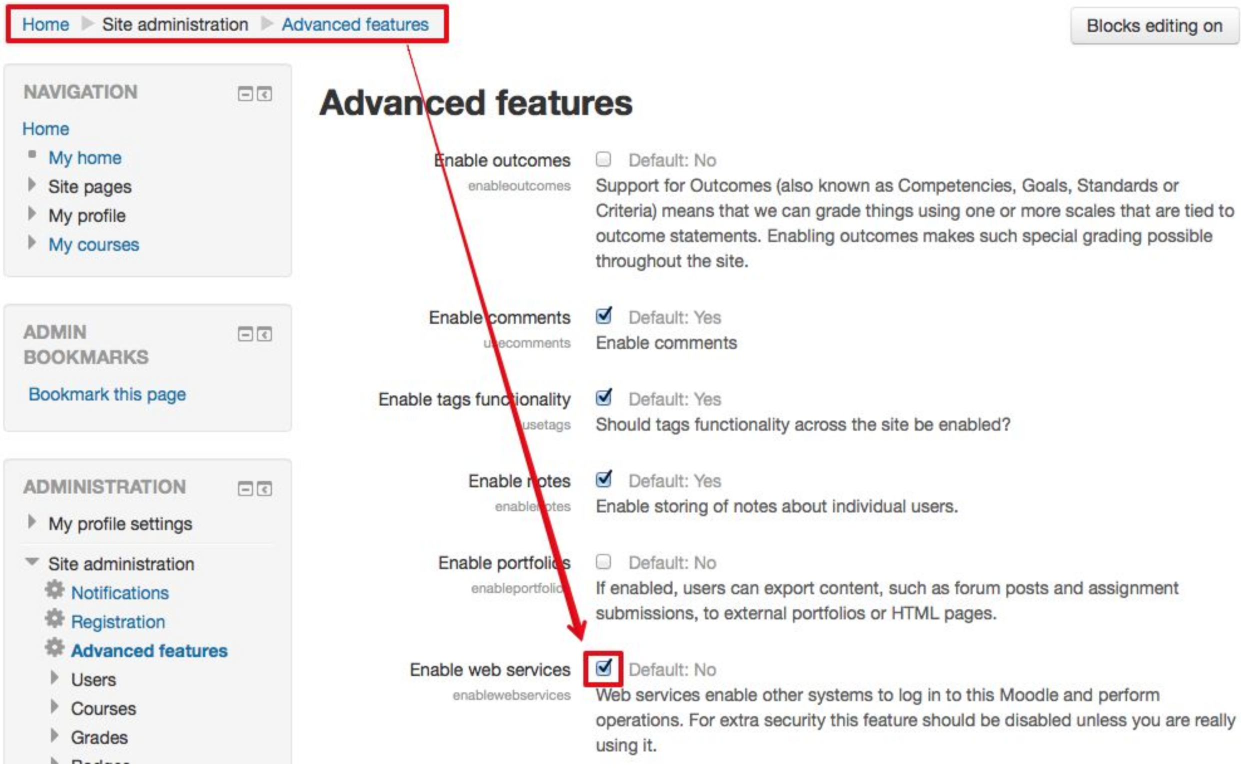
Select the **Show tool type…** checkbox.



Click on the **Save Changes** button to finish the process.

In the **Administration** navigation on the left side, open the **Advanced features** page. The page is located at the following path: Administration -> Site administration -> Advanced features.

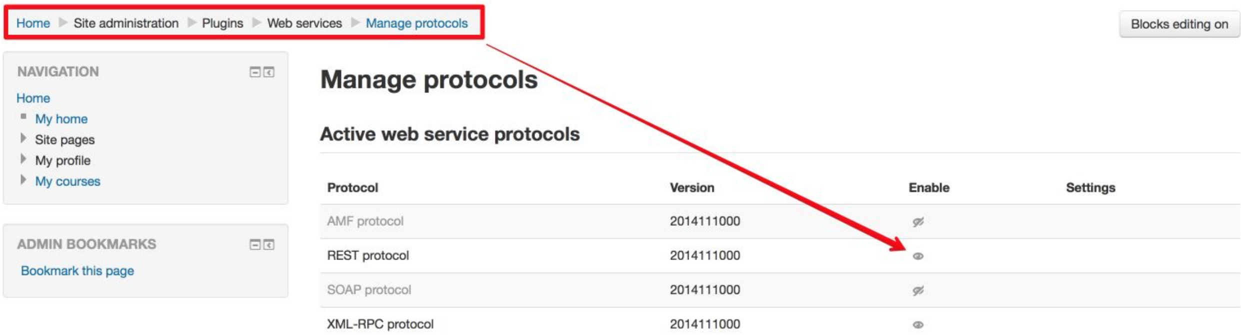
Select the **Enable web services** checkbox.



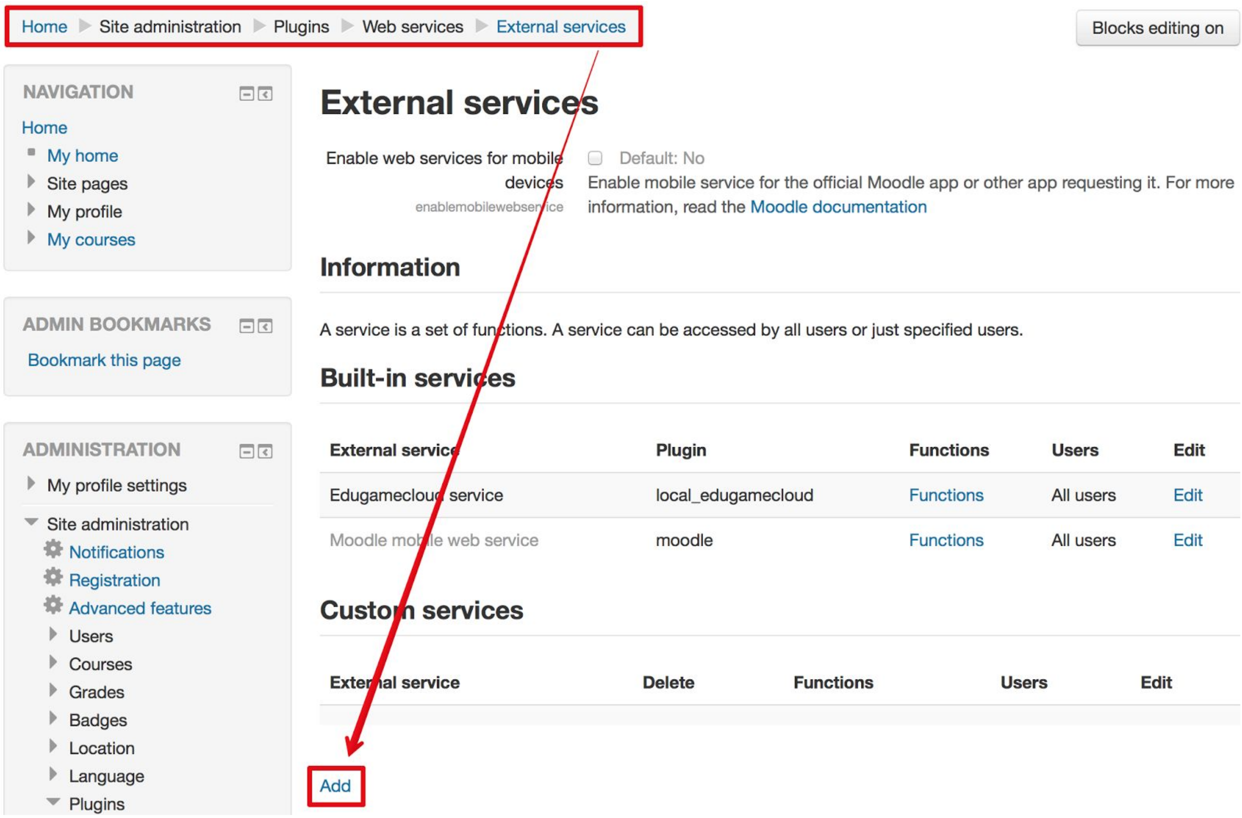
Click on **Save changes** button to store the changes.

In the **Administration** navigation on the left side, open the **Manage Protocols** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> Manage protocols.

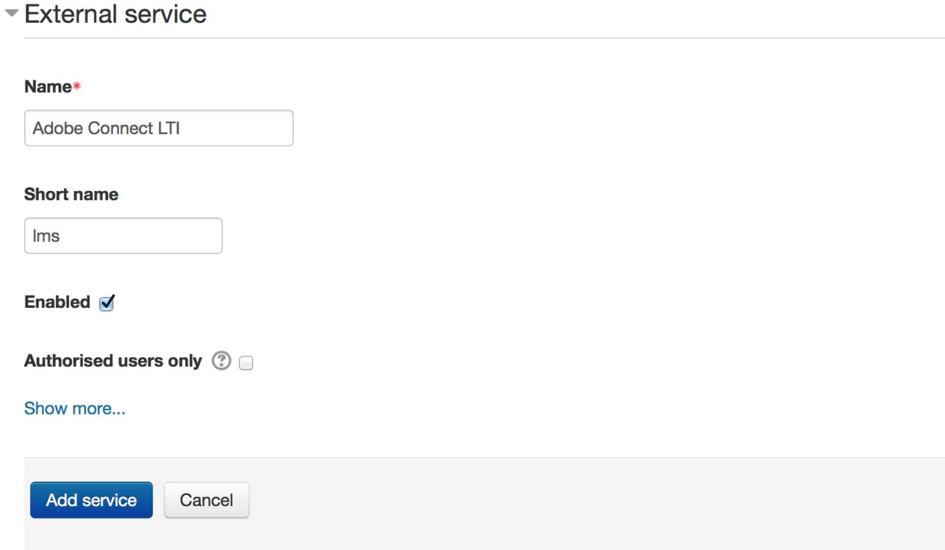
Enable the *REST protocol*.



In the **Administration** navigation on the left side, open the **External Services** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> External Services.
Click on the **Add** link.

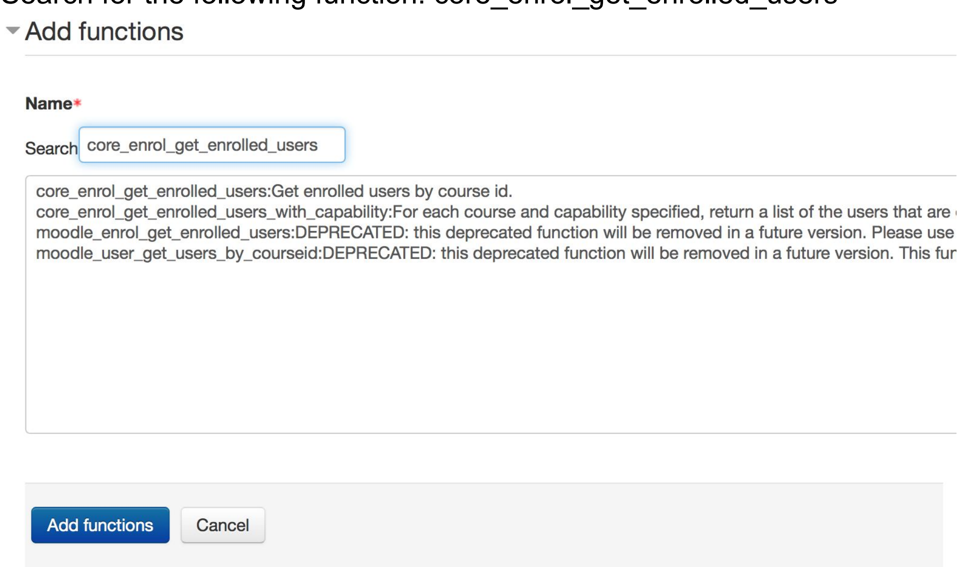


Enter **Name**, **Short Name,** select **Enabled** checkbox and click on the **Add service** button.
***NOTE:** Please enter the following *Short Name*: lms



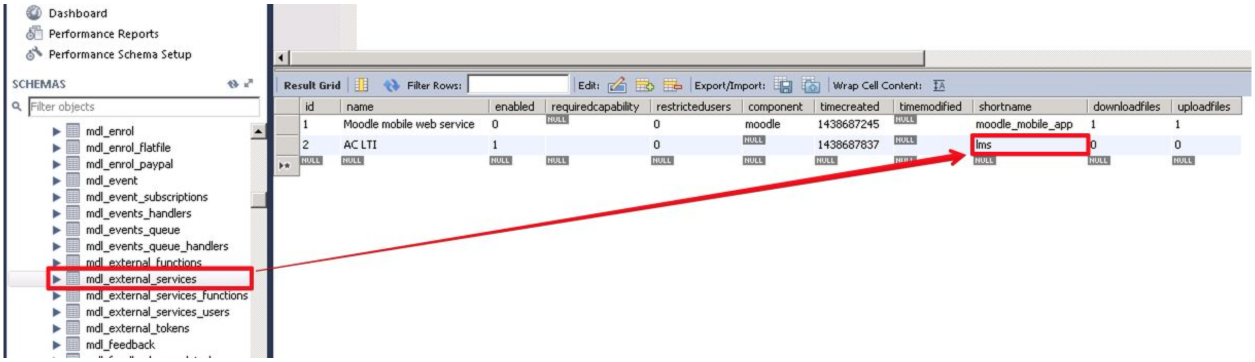
Click on the **Add functions** link.

Search for the following function: core_enrol_get_enrolled_users

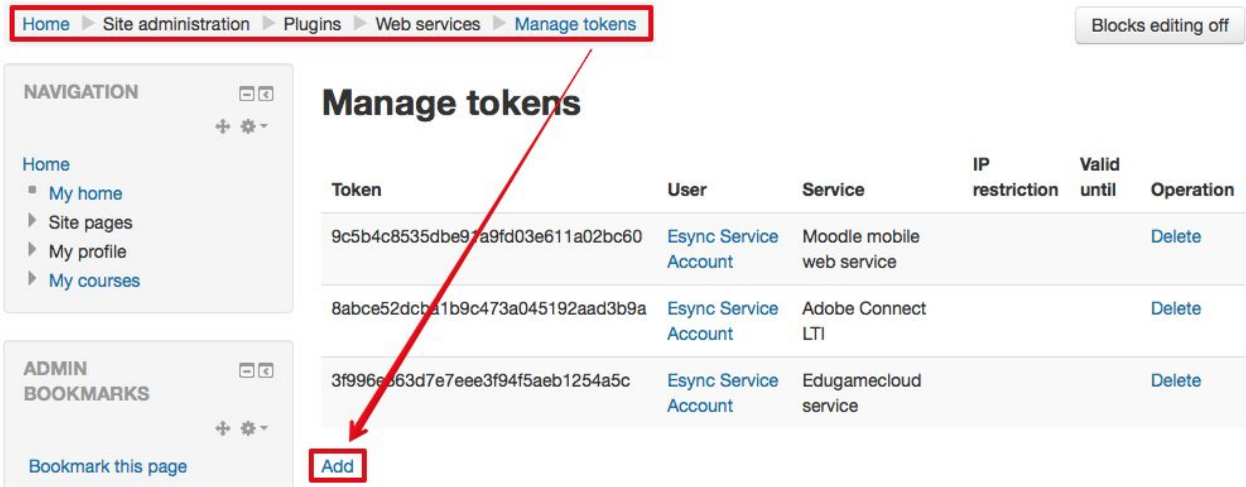


Click on the **Add functions** button to finish the process.

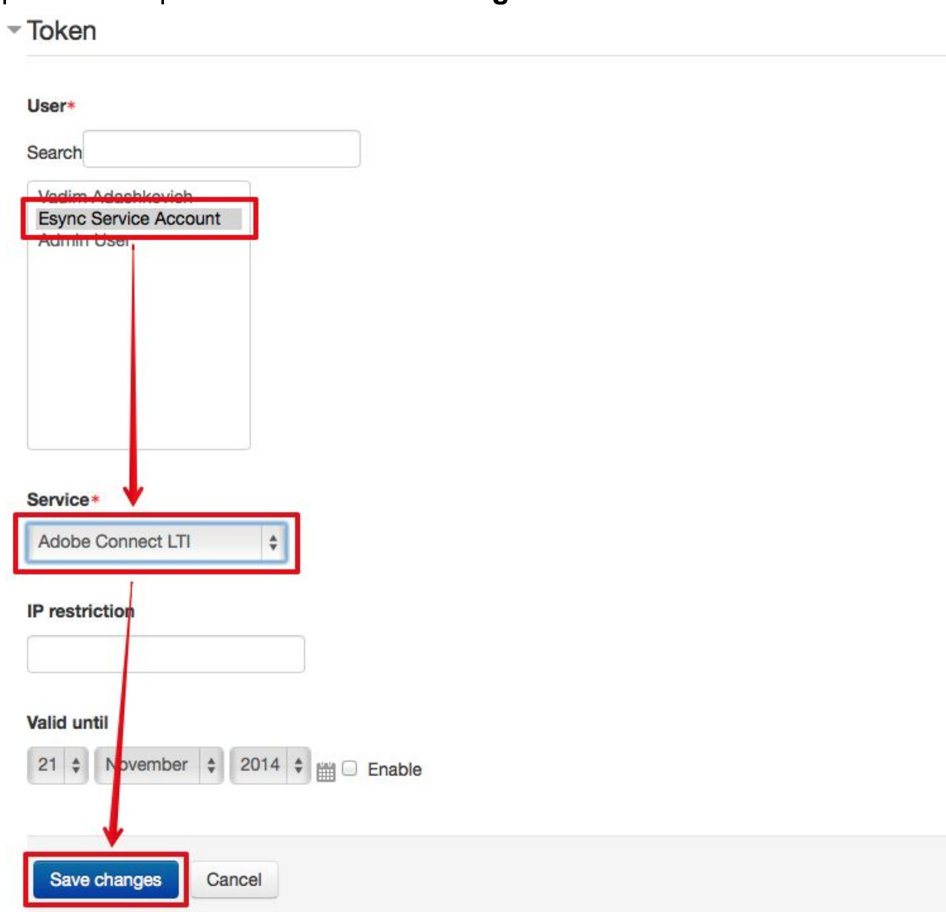
*NOTE: For Moodle versions older than 2.7 please add the shortname manually in the DB. Navigate to *mdl_external_services* table and add *lms* to shortname field of the recently added web service.



In the **Administration** navigation on the left side, open the **Manage tokens** page. The page is located at the following path: Administration -> Site administration -> Plugins -> Web services -> Manage tokens.
Click on the **Add** link.



Select the admin **User**, select the **Service** from the drop-down list that was created in the previous step and click on **Save changes** button.



Getting Support

Email Support, please contact:
support@esynctraining.com and cc: qa@esynctraining.com

Emergency Phone Support:
714.979.4444