



Prediction of e-learners' progress and timely assessment of the achievement of learning outcomes in Lifelong Learning

Module/Session #4

Operation/use of the CRITON platform for tutors



Why CRITON platform?

- Are you teacher in a distance program/e-learning?
- What about to know an e-learner's performance from the beginning of an academic year?
- Do you want to prevent an e-learner from drop out the course?

➤ CRITON Platform



CRITON platform

- The [CRITON platform](#) is a web based platform including
 - a predictive system targeting to teachers and tutors in order to predict e-learners' progress on time
 - a social networking tool (Group) targeting to e-learners in order to support them
 - Web 2.0 tools for enhancing the communication among teachers and sharing knowledge



CRITON platform users

- **Administrator**
 - Creates teachers' accounts
 - Automatic emails go to teachers in order to reset their password and have access to the platform
- **Teachers/tutors**
 - Use of predictive system
 - Use of Groups
 - Use of Web 2.0 tools
 - Add users (e-learners) for the Groups
- **E-learners**
 - Use of Groups

- The predictive system is based on indicators that were studied that play role (more or less) in an e-learner's learning outcome
 - ✓ Age
 - ✓ Gender
 - ✓ **Dependents**
 - ✓ **Educational background**
 - ✓ **Working status**
 - ✓ **Difficulty of course**
 - ✓ **Grades of tasks**
 - ✓ Grade of test
 - ✓ Use of LMS(frequency, time, etc)

1st STEP

Insert e-learner

Necessary fields

- Name
- Age
- Gender
- Dependents
- Educational background
- Working status
- Level of difficulty

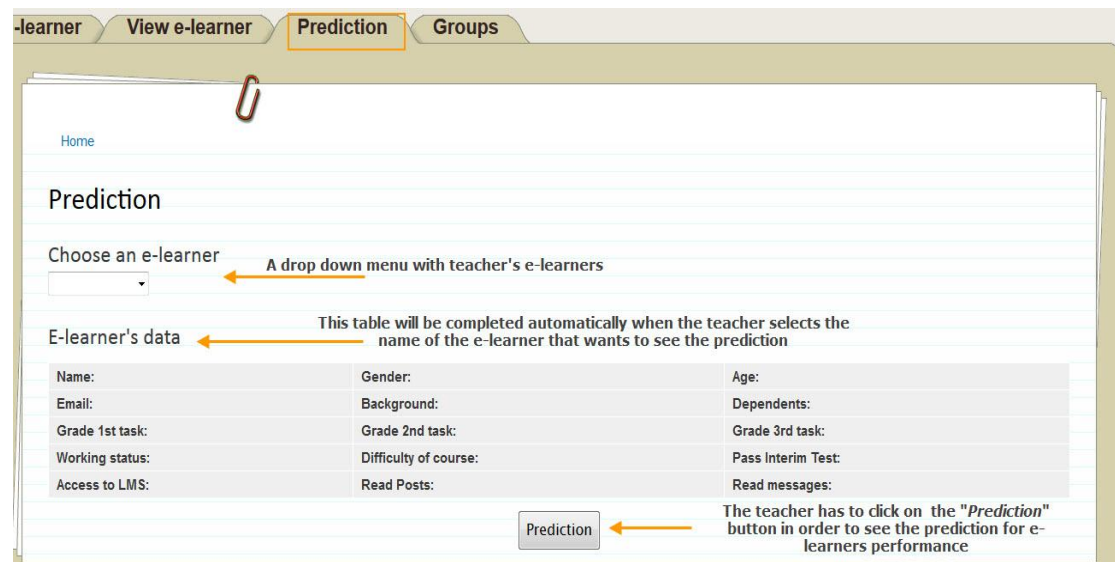
Insert e-learner's data

Insert student	
First Name	<input type="text"/>
Last Name	<input type="text"/>
Email	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Age	18-25 <input type="text"/>
Dependents	<input type="text"/>
Educational background	- <input type="text"/>
First grade *	- <input type="text"/>
Second grade *	- <input type="text"/>
Third grade *	- <input type="text"/>
Working status	- <input type="text"/>
Level of difficulty of course	- <input type="text"/>
Log in LMS	- <input type="text"/>
Read Messages	- <input type="text"/>
Read posts	- <input type="text"/>
Time of access	- <input type="text"/>
Pass Interim test	<input type="radio"/> Yes <input type="radio"/> No

2nd STEP

Prediction

1. The teacher has to select from a drop down menu the name of the e-learner that wants to see the prediction
2. The table will be completed with the e-learner's existing data
3. Click on button "Prediction"
4. Prediction message



Home

Prediction

Choose an e-learner A drop down menu with teacher's e-learners

E-learner's data This table will be completed automatically when the teacher selects the name of the e-learner that wants to see the prediction

Name:	Gender:	Age:
Email:	Background:	Dependents:
Grade 1st task:	Grade 2nd task:	Grade 3rd task:
Working status:	Difficulty of course:	Pass Interim Test:
Access to LMS:	Read Posts:	Read messages:

Prediction The teacher has to click on the "Prediction" button in order to see the prediction for e-learners performance

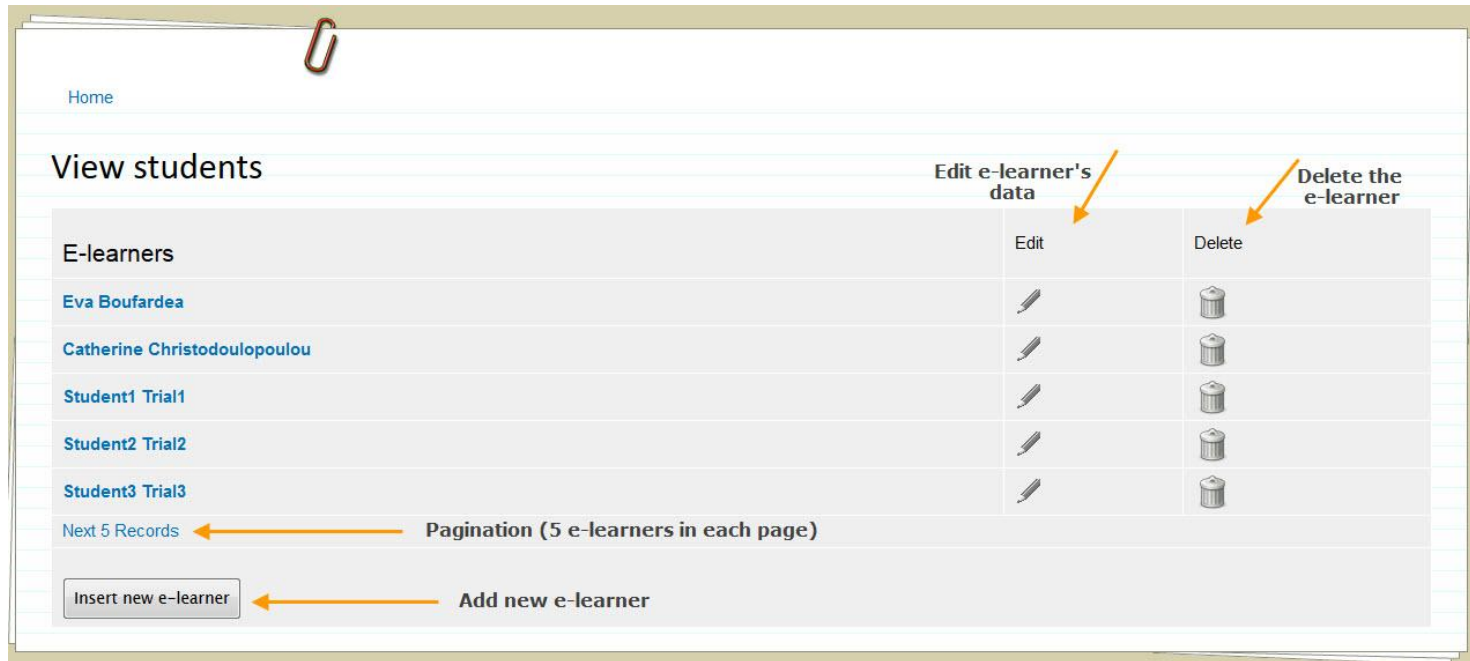
E-learner's data

Name: Eva Boufardea	Gender: Female	Age: 26-35
Email:	Background: University:master	Dependents: 0
Grade 1st task: -	Grade 2nd task: -	Grade 3rd task: -
Working status: Work full time	Difficulty of course: Advanced	Pass Interim Test: -
Access to LMS: -	Read Posts:-	Read messages: -

Prediction

Eva has 91.9% probability to pass the course and 8.1% to fail.  **Message according to the prediction** 

- Since some data there will not be available from the beginning of the academic year (i.e. grades, LMS behaviour, etc) the tutor is able to edit e-learner's data



Home

View students

E-learners	Edit e-learner's data	Delete the e-learner
	Edit	Delete
Eva Boufardea		
Catherine Christodouloupoulou		
Student1 Trial1		
Student2 Trial2		
Student3 Trial3		

Next 5 Records ← Pagination (5 e-learners in each page)

Insert new e-learner ← Add new e-learner

Edit e-learner's data (2/2)

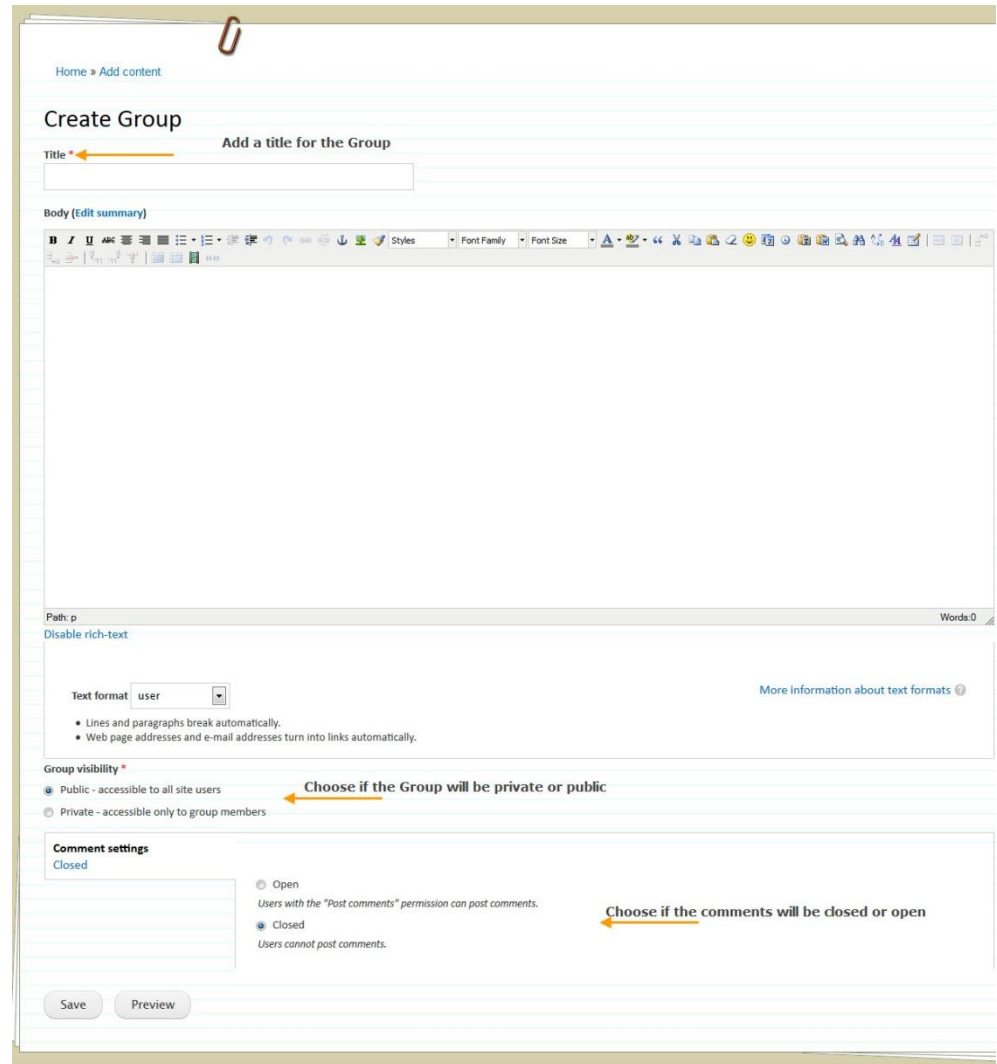
Edit e-learner's data	
First name	<input type="text" value="Eva"/>
Last name	<input type="text" value="Boufardea"/>
email	<input type="text"/>
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female
Age	<input type="text" value="26-35"/>
Dependents	<input type="text" value="0"/>
Educational background	<input type="text" value="University:master"/>
Grade 1st task	<input type="text" value="-"/>
Grade 2nd task	<input type="text" value="-"/>
Grade 3rd task	<input type="text" value="-"/>
Working status	<input type="text" value="Work full time"/>
Difficulty	<input type="text" value="Advanced"/>
Log in LMS	<input type="text" value="-"/>
Read Messages	<input type="text" value="-"/>
Read Posts	<input type="text" value="-"/>
Time of access	<input type="text" value="-"/>
Pass Interim Test	<input type="radio"/> Yes <input type="radio"/> No

- In case of e-learners at risk, the teachers can create a Group to support them.
- Groups can be created for any other reason
- The Groups can be public or private
- In case of a Group for e-learners at risk is recommended to be private.
- The teachers add users to CRITON platform and then they are able to join them in the desirable Group

1st STEP

Create a Group

1. Add content
2. Select “Group”
3. Fill in “Title”
4. Description of the Group
5. Comments open or closed
6. Private or Public
7. Save



Home » Add content

Create Group

Add a title for the Group

Title *

Body (Edit summary)

Path: p

Disable rich-text

Text format: user

Group visibility *

Public - accessible to all site users

Private - accessible only to group members

Comment settings

Closed

Open

Closed

Save Preview

Annotations in the screenshot:

- An orange arrow points to the 'Title' field.
- An orange arrow points to the 'Public' radio button with the text 'Choose if the Group will be private or public'.
- An orange arrow points to the 'Closed' radio button with the text 'Choose if the comments will be closed or open'.

2nd STEP Add user

1. Name
2. Username
3. Password
4. Email
5. Active or Blocked
6. Send notification email
7. Educational level
8. Course

christod

First name *

Catherine

Last name *

Christodouloupoulou

Picture

Upload picture

No file selected.

Your virtual face or picture. Pictures larger than 150x150 pixels will be scaled down.

E-mail address *

eInprz@gmail.com

A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

Password

Confirm password

To change the current user password, enter the new password in both fields.

Educational level *

Adult education

Course *

Distance learning

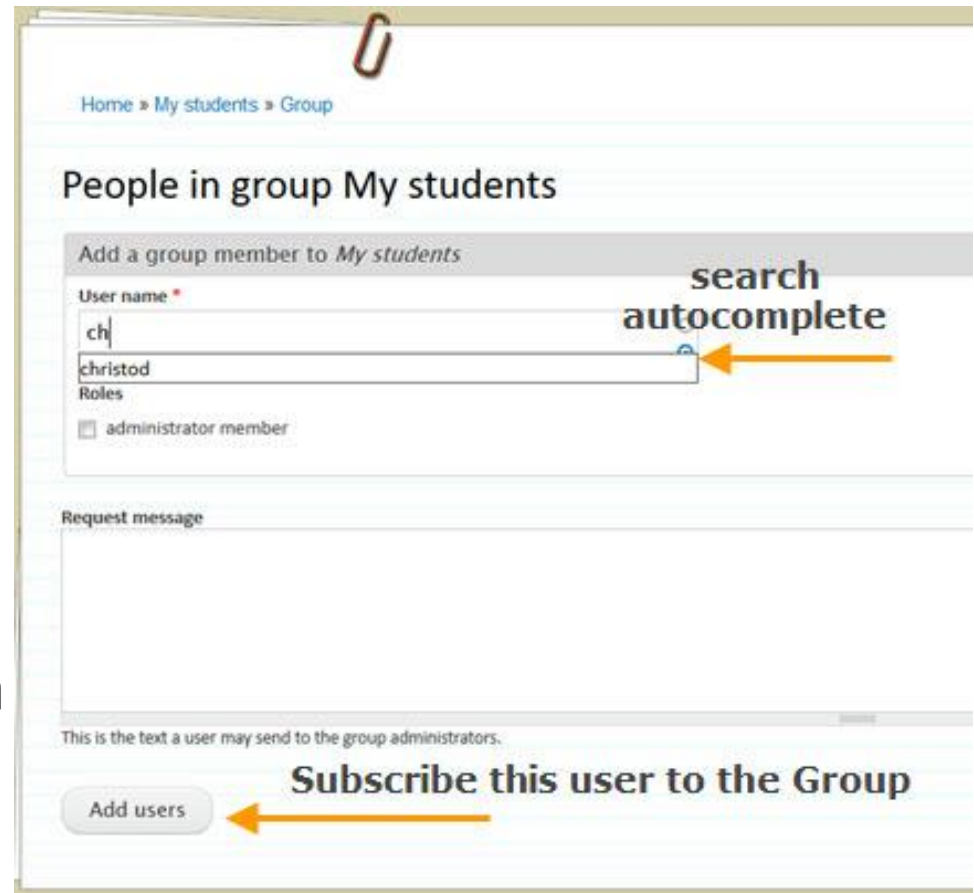
← The new user has to change his/her password

Password strength:

3rd STEP

Join users to the Group

1. Groups
2. Select the Group
3. Go to “Group” tab
4. Add people
5. Search the user to join
6. Click on “Add users”



Home » My students » Group

People in group My students

Add a group member to *My students*

User name *

ch

christod

Roles

administrator member

Request message

This is the text a user may send to the group administrators.

Add users

Subscribe this user to the Group

The Web 2.0 tools will be very useful for teachers in order to exchange their opinion for the platform, for the prediction in distance learning/e-learning, assessment in distance learning/e-learning, etc.

The provided web 2.0 tools are the following:

- Articles
- Blog
- Forums
- Share status
- Wiki

* For more information about these tools please check the [manual of the CRITON platform](#)

- The administrator needs to know teacher's/tutor's
 - right Name
 - right email,
 - educational level,
 - course
- The teacher can edit these information
- If a teacher has checked a specific educational level e.g. tertiary and has inserted e-learners for this educational level, and then changes the educational level, he/she won't see the previous e-learners. For this reason in case of change of educational level the tutor is recommended to create a new account as tutor in other educational level.



Practice more here:

<http://hermes.westgate.gr/critonPlatform>

Thank You!
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