Content Management System untuk Pembelajaran
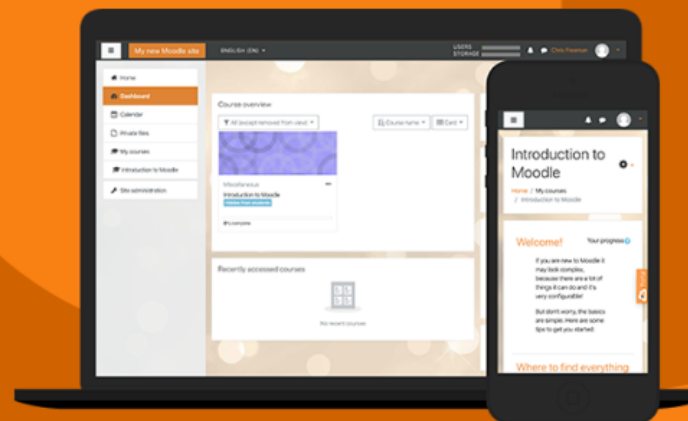
Muhamad Afif Effindi

moodle

English (United States) (en_us)

You are not logged in. (Log in)

Getting started is easy

Moodle is the world's most popular learning management system. Start creating your online learning site in minutes!

GET STARTED TODAY

Moodle is a free and open-source **learning management system (LMS)** written in PHP and distributed under the GNU General Public License.

Developed on pedagogical principles, Moodle is used for blended learning, distance education, flipped classroom and other e-learning projects in schools, universities, workplaces and other sectors.

- Wikipedia -

Releases [edit]

Branch[42]	Original release date	Version	Version release date	Support Model	
1.0	20 August 2002	1.0.9	30 May 2003	EOL	
1.1	29 August 2003	1.1.1	11 September 2003	EOL	
1.2	20 March 2004	1.2.1	25 March 2004	EOL	
1.3	25 May 2004	1.3.5	9 September 2004	EOL	
1.4	31 August 2004	1.4.5	7 May 2005	EOL	
1.5	5 June 2005	1.5.4	21 May 2006	EOL	
1.6	20 May 2006	1.6.9	28 January 2009	EOL	
1.7	7 November 2006	1.7.7	28 January 2009	EOL	
1.8					
3.8	18 November 2019	3.8.9	10 May 2021	EOL (Maintained from November 2019 to 10 May 2021)	Navigation and accessibility improvements, forum emojis, anonymous post...
3.9[45]	15 June 2020	3.9.12[46] (LTS)	17 January 2022	Active LTS (Maintained from June 2020 to 10 May 2021, sustained status to 8 May 2023)	PHP 7.2, 7.3 or 7.4 required. Integration of Safe Exam Browser, Accessibili... improvements, Usability improvements, Activity chooser overhaul, Content... Full H5P integration, MoodleNet integration, Improved participants page filt... Course copy, Support for Open Badges 2.1, third party integrations[47]
3.10[48]	9 November 2020	3.10.9[49]	17 January 2022	Active (Maintained from November 2020 to 8 November 2021, sustained status to 9 May 2022)	PHP 7.2, 7.3 or 7.4 required. Download course content, Payment subsyste... Implement LTI 1.3 Dynamic Registration. Selectable backpack, new scrollin... for quizzes, ability to import and export language customizations.
3.11[50]	17 May 2021	3.11.5[51]	17 January 2022	Active (Maintained from May 2021 to May 2022, sustained status to 8 May 2023)	PHP 7.3 or 7.4 required. Improved student activity completion, Brickfield accessibility toolkit, OpenBadges 2.1, IMS OBv2.1 OAuth 2 service, Plagia... support to essay quiz questions. Replaced hard-coded social media profile... with a new custom social profile field type.

Legend: ▇ Old version ▇ Older version, still maintained ▇ Latest version

Fitur Moodle

Promoting Learner Involvement

"A constructivist perspective views learners as actively engaged in making meaning, and teaching with that approach looks for what students can analyze, investigate, collaborate, share, build and generate based on what they already know, rather than what facts, skills, and processes they can parrot. Some of the tenets of constructivism in pedagogical terms include:"

- Students come to class with an established world-view, formed by years of prior experience and learning.
- Even as it evolves, a student's world-view filters all experiences and affects their interpretations of observations.
- For students to change their world-view requires work.
- Students learn from each other as well as the teacher.
- Students learn better by doing.
- Allowing and creating opportunities for all to have a voice promotes the construction of new ideas.

Getting Started

Moodle has a "modular" design so adding the Activities that form a course is a simple process:

1. Course creation privileges are assigned to the teacher.
2. Select from one of three course layout; **Topic**, **Weekly** or **Social** format.
3. Click "Turn editing on" within the blank course template.
4. Create the course!
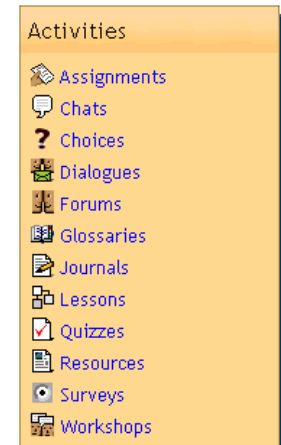
*With editing turned on, the course creator can now **Add** activities from an intuitive drop-down list of module plug-in features.*

Course Management Features - Modules

Assignment

Used to assign online or offline tasks; learners can submit tasks in any file format (e.g. MS Office, PDF, image, a/v etc.).

Chat
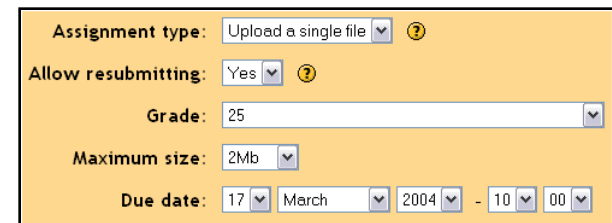
Allows real-time synchronous communication by learners.

Choice

Instructors create a question and a number of choices for learners; results are posted for learners to view. Use this module to do quick surveys on subject matter.

Dialogue
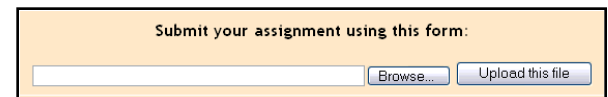
Allows for one-to-one asynchronous message exchange between instructor and learner, or learner to learner.

Property screens guide instructor through setup when creating a new Assignment

Assignment activity can require the learner to upload a completed project.

Course Management Features - Modules

Forums

Threaded discussion boards for asynchronous group exchange on shared subject matter. Participation in forums can be an integral part of the learning experience, helping students define and evolve their understanding of subject matter.

Students can Rate a forum post, based on Scales set up by the course creator

Course Management Features - Modules

Glossary

Create a glossary of terms used in a course.
Has display format options including entry list,
encyclopedia, FAQ, dictionary style and more.

Journal

Learners reflect, record and revise ideas.

Label

Add descriptions with images in any area of the
course homepage.

Lesson

Allows instructor to create and manage a set of
linked "Pages". Each page can end with a
question. The student chooses one answer
from a set of answers and either goes forward,
backward or stays in the same place in the
lesson.

*Glossary terms appear in highlight within all activity
resources. Moodle includes its own site search engine.*
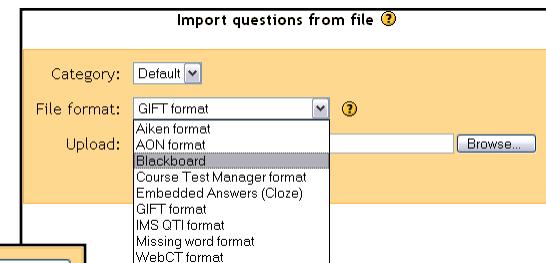
*Course Management Features - *Modules

Quiz
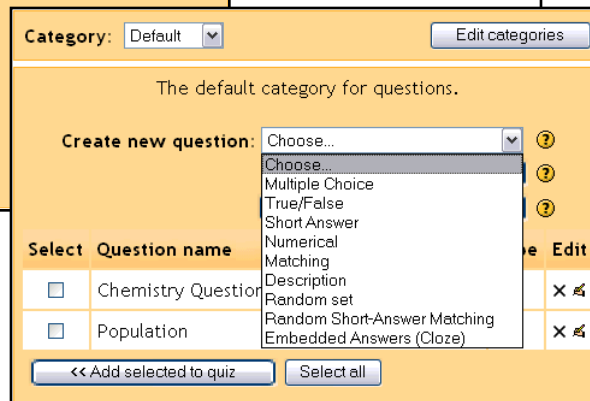
Create all the familiar forms of assessment including true-false, multiple choice, short answer, matching question, random questions, numerical questions, embedded answer questions with descriptive text and graphics.

Instructors have granular control in defining course assessments, and can import quiz questions from popular formats like Blackboard, IMS QTI and WebCT. Moodle also supports embedding audio into a quiz.

Course Management Features - Modules

Resource
The primary tool for bringing content into a course; may be plain text, uploaded files, links to the web, Wiki or Rich Text (Moodle has built-in text editors) or a bibliography type reference.

Survey
This module aids an instructor in making online classes more effective by offering a variety of surveys (COLLES, ATTLS), including critical incident sampling.

Workshop
An activity for peer assessment of documents (Word, PP etc.) that students submit online. Participants can assess each other's project. Teacher makes final student assessment, and can control opening and closing periods.
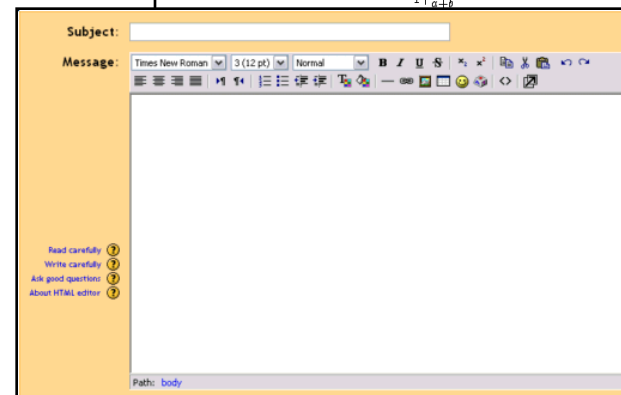
Moodle supports adding math expressions to a Resource activity, using the built-in HTML editor

Learner Management Features

Creating learning content is only part of what a good course management system (CMS) must do. The CMS must *manage* learners in a variety of ways. Learner management includes:

- Access to information about learners in a course.

- Ability to segment participants into groups.

- Site, course and user calendar event scheduling.

- And so much more...e.g. applying scales to different learner activities, managing grades, tracking user access logs and uploading external files for use within the course etc.
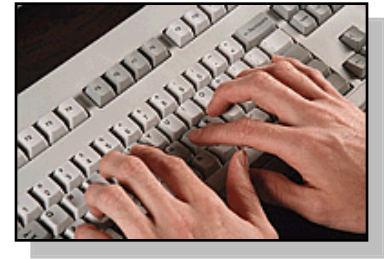
Learner Management Features – Participants

One click and you can view activity from all participants enrolled in the course. Learners create a personal profile that can include a picture, helping connect students socially in the online learning community.

Learners complete a personal profile page that helps build the online learning community. Adding a picture and details to the profile creates a social connection.

Learner Management Features - Groups

Assigning learners to a group is a common practice in education and business. Moodle allows the course instructor to easily create group categories, and determine how members will interact with each other and within various activities.

People
- Participants
- Groups
- Edit profile
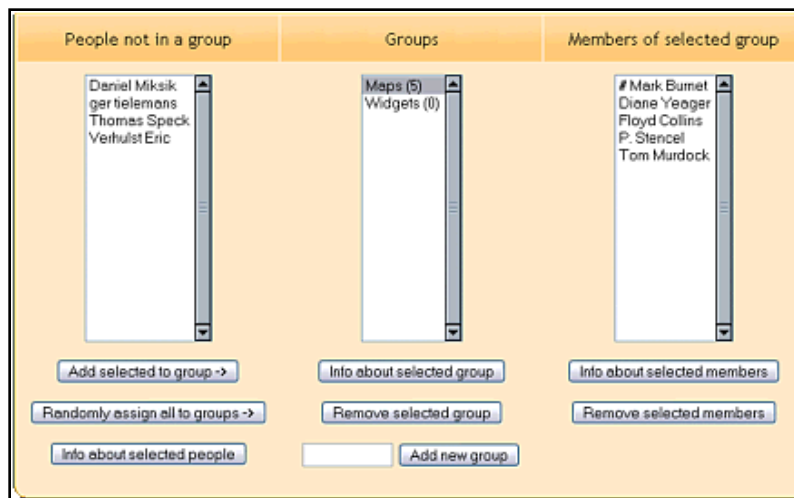
Creating distinct group names is easy. Learners and teachers are assigned to a group by clicking a single button.

Learner Management Features - Calendar

Keeping a calendar of events is important to both the learner and course instructor. Events can be created for different categories, including:

- Global events that appear in all courses (system admin).

- Course events set by an instructor.

- Group events set by instructor relative only to a group.

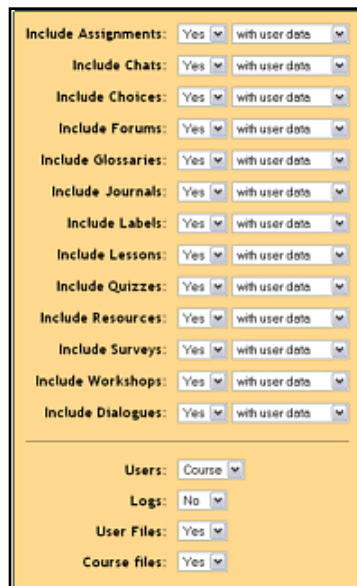- User events set by learner (e.g. due dates, personal etc.).

Upcoming Events appear on the course homepage, alerting the learner across all courses they are enrolled in of different category events. Alerts are color-coded by category.
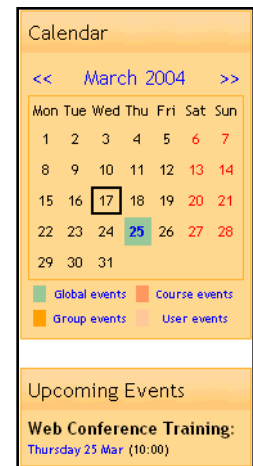
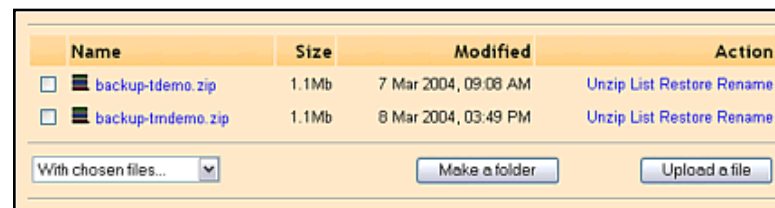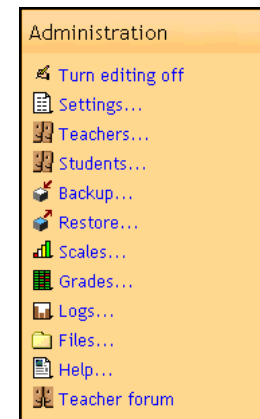# *Learner Management Features – Admin*

The Administration control panel puts all important learner management functions a single click away. Teachers and Students can be manually enrolled or removed from a course. Configuration of course Backup and Restore is achieved on a single screen.

Restoring an existing course or Uploading a file archive from storage is accomplished with a single mouse click. Moodle makes it easy to re-use and share courses with other teachers. Backup can include or exclude student files and course data.

Learner Management Features - Scales

Instructors may define custom Scales to be used for grading <u>Forums</u>, <u>Assignments</u> and <u>Journals</u>. Standard scales include assigning a value from 1-100% for each submission (or no grade), and indicating whether the learner was demonstrating one of three characteristics in the activity:

- ● Shows mostly CONNECTED knowing.
- ● Shows mostly SEPARATE knowing.
- ● Equally separate and connected.

Administration
- Turn editing off
- Settings...
- Teachers...
- Students...
- Backup...
- Restore...
- Scales...
- Grades...
- Logs...
- Files...
- Help...
- Teacher forum

Custom scales ⑦

Name:	Technical Course 101
Scale:	Understands Information, Ambiguity, Struggling,
Description: ⑦	This scale is used to assess comprehension of Widget construction, as defined in text reading.

Save changes   Delete
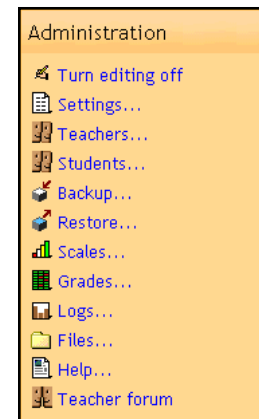
Custom scales allow the instructor to fine tune their grading for specific content. Easily create several types of scales, and connect them with different activities you **Add** *to the course.*

Learner Management Features - Grades

The Grades feature in Moodle provides a quick view of all Forum, Assignment, Journal, Quiz, Lesson and Workshop grades. The grading scale applied to a learner's submission is shown, along with a cumulative total, on a single page.

Administration
Turn editing off
Settings…
Teachers…
Students…
Backup…
Restore…
Scales…
Grades…
Logs…
Files…
Help…
Teacher forum

Grades

| Download in Excel format | | Download in text format | | | | |

Given name	Surname	News forum	Assignment #1: PowerPoint example Max: 15	Journal Module Max: 10	Lesson example Max: 5	Quiz example with audio Max: 5	Workshop example	Total
Floyd	Collins							0
Verhulst	Eric							0
Daniel	Miksik							0
Tom	Murdock							0
Cyrus	Overman	Shows mostly SEPARATE knowing 1/0/0	15	5		5		25
P.	Stencel							0
ger	tielemans							0
Diane	Yeager							0

Grades can be downloaded in Excel or plain text for inclusion into an existing electronic gradebook

Learner Management Features - Grades

Viewing Assignment and Journal submissions, and adding Grades and comments, are done from a single page that displays all enrolled students.

Managing student submissions are done from one central screen. This cuts down on the time it takes to assess many students work.

Learner Management Features - Logs

Monitor when and what course resources the learner has accessed. Moodle's Logs provide detailed learner activity.

Logs pin-point where a student is within coursework. Easily locate specific course, student, date and module activity access.

Learner Management Features - Files

Centrally locate all course resources within the Files area of Moodle so they are available when creating new activities.

	Name	Size	Modified	Action
☐	📁 Graphics	-	12 Mar 2004, 10:45 AM	Rename
☐	📁 backupdata	-	12 Mar 2004, 12:15 PM	Rename
☐	📁 moddata	-	8 Mar 2004, 04:28 PM	Rename
☐	📄 W-9_Form.pdf	42.2Kb	8 Mar 2004, 04:27 PM	Rename
☐	📄 argonline.swf	260.8Kb	8 Mar 2004, 04:27 PM	Rename
☐	📄 mug.jpg	6.7Kb	8 Mar 2004, 04:27 PM	Rename
☐	📄 presentation.mht	983.9Kb	8 Mar 2004, 04:27 PM	Rename
☐	📄 question2.mp3	209.6Kb	8 Mar 2004, 04:27 PM	Rename
☐	📄 toptopic.htm	8.6Kb	17 Mar 2004, 11:46 AM	Edit Rename
☐	📄 writing.htm	732 bytes	8 Mar 2004, 04:27 PM	Edit Rename

With chosen files... ▾   Make a folder   Upload a file

Administration
- ✎ Turn editing off
- 📄 Settings...
- 👥 Teachers...
- 👥 Students...
- 📦 Backup...
- 📦 Restore...
- 📊 Scales...
- 📊 Grades...
- 📊 Logs...
- 📁 Files...
- 📄 Help...
- 👥 Teacher forum
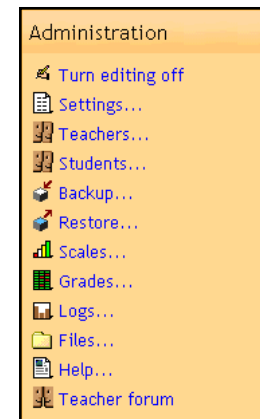
Files storage area resembles your computer, making it easy to add, move, zip and delete resources.

Learner Management Features - Help

An extensive Moodle Help file is a button click away. Courses include a Teacher only forum, where colleagues can collaborate on tasks and share ideas.

📄 Help...
⚖ Teacher forum
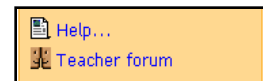
Teacher Manual

This page is a very quick guide to creating online courses with Moodle. It outlines the main functions that are available, as well as some of the main decisions you'll need to make.

Sections in this document:

1. Getting started
2. Course settings
3. Uploading files
4. Setting up activities
5. Running the course
6. Further information

Getting started

This document assumes your site administrator has set up Moodle and given you new, blank course to start with. It also assumes you have logged in to your course using your teacher account.

*Moodle's built in Teacher Manual provides step-by-step instructions
on all aspects of course and learner management*

Learner Experience - Login

Learners find it easy to navigate a Moodle course homepage in their browser; intuitive "breadcrumb" links are always present. Login occurs on a familiar screen. Initial account set up may be handled by the learner or administrator.

Returning to this web site?	Is this your first time here?
Login here using your username and password: (Cookies must be enabled in your browser) ⓘ Username: hiplndrifter [Login] Password: ••••••••• Some courses may allow guest access: [Login as a guest] Forgotten your username or password? [Send my details via email]	Hi! For full access to courses you'll need to take a minute to create a new account for yourself on this web site. Each of the individual courses may also have a one-time "enrollment key", which you won't need until later. Here are the steps: 1. Fill out the New Account form with your details. 2. An email will be immediately sent to your email address. 3. Read your email, and click on the web link it contains. 4. Your account will be confirmed and you will be logged in. 5. Now, select the course you want to participate in. 6. If you are prompted for a "enrollment key" - use the one that your teacher has given you. This will "enroll" you in the course. 7. You can now access the full course. From now on you will only need to enter your personal username and password (in the form on this page) to log in and access any course you have enrolled in. [Start now by creating a new account!]

Home -> Math -> Forums -> News forum

Navigation bar provides breadcrumb links from course homepage to activities

Moodle's has its own authentication system, but will integrate with an external database, POP3, IMAP, LDAP or NNTP, allowing domain wide login.

Learner Experience – Enrollment Keys

Instructors can require an "enrollment key" to allow participation in a class. Enrollment keys are provided to learners separately from the log in process. Courses requiring an enrollment key are indicated in "Course categories" description.

My courses

- Language Arts
- Mathematics
- Music and Fine Arts
- Physical Sciences
- Social Sciences
- All courses...

Physical Sciences

Teacher: Mark Burnet
Teacher: Timothy Allen
Teacher: Bryan Williams

A blank "Topic format" course template for creating physcial science courses. Use this course to explore Moodle features and create activities for any physical science type and level of course.

Physical science teachers participating in **Course Challenge** should get started here (site administrator can identify all entries). After Login registration, use "enrollment key" displayed in the Teacher Demo *News forum* post titled Course Challenge. Once registered, you will be able to enter all courses at Main Street VLE Campus. This will give you ideas on how others are using Moodle to create courseware.

Course category displays descriptions of each course. Symbols on description page indicate when a course requires an enrollment key and allows Guest entry. Students see a list of courses they are enrolled in (My courses) on site homepage after login.

Learner Experience – 24/7/365 Anywhere!

Learners can login *any time, anywhere* to interact with coursework, and can specify the Time Zone and Language they wish to use. Moodle has interface support for 34 languages.
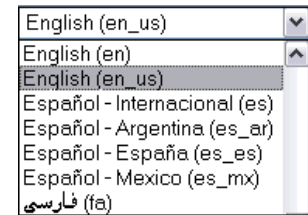
Learners can select from 34 languages at Login

Learner Experience – E-Mail Notification

When learners "subscribe" to forums they are notified by e-mail of new postings. Additionally, instructors can set e-mail notification for private Dialogues.
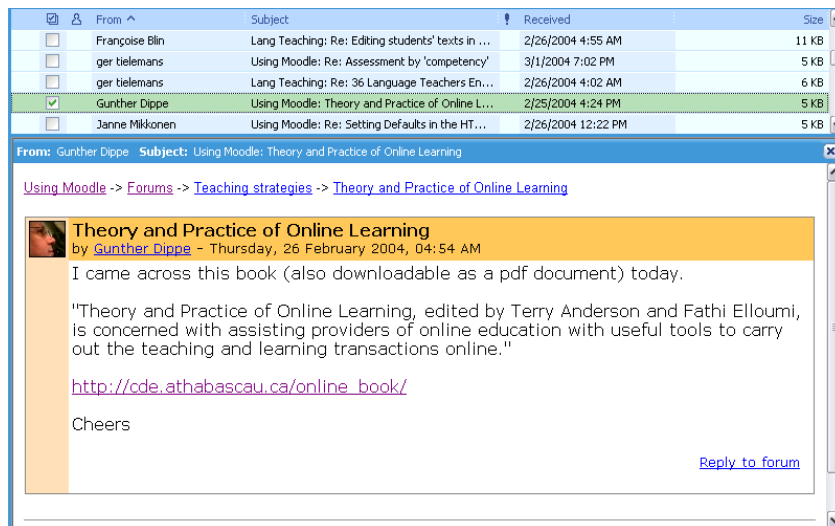
Rich text e-mail is sent to each learner "subscribed" to different Forums. Instructors can set private Dialogues to e-mail notification that comments have been added.

Penugasan

Untuk dikumpulkan:
1) Jelaskan filosofi perancangan dan pengembangan Moodle (tersedia di laman resmi Moodle);
2) Jelaskan kelompok pengguna dan fitur (menu) dari masing-masing jenis pengguna Moodle.

Pengumpulan: Diketik di kertas A4.
pengumpulan dalam format PDF.
Sertakan NIM, Nama, dan Kelas

Untuk persiapan pertemuan berikutnya:

1) Lakukan perekaman (video) instalasi aplikasi Moodle;
2) Jelaskan tiap tahapannya.
3) Jelaskan fitur nya.