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# Moodle Overview & Product Vision

Marie Achour

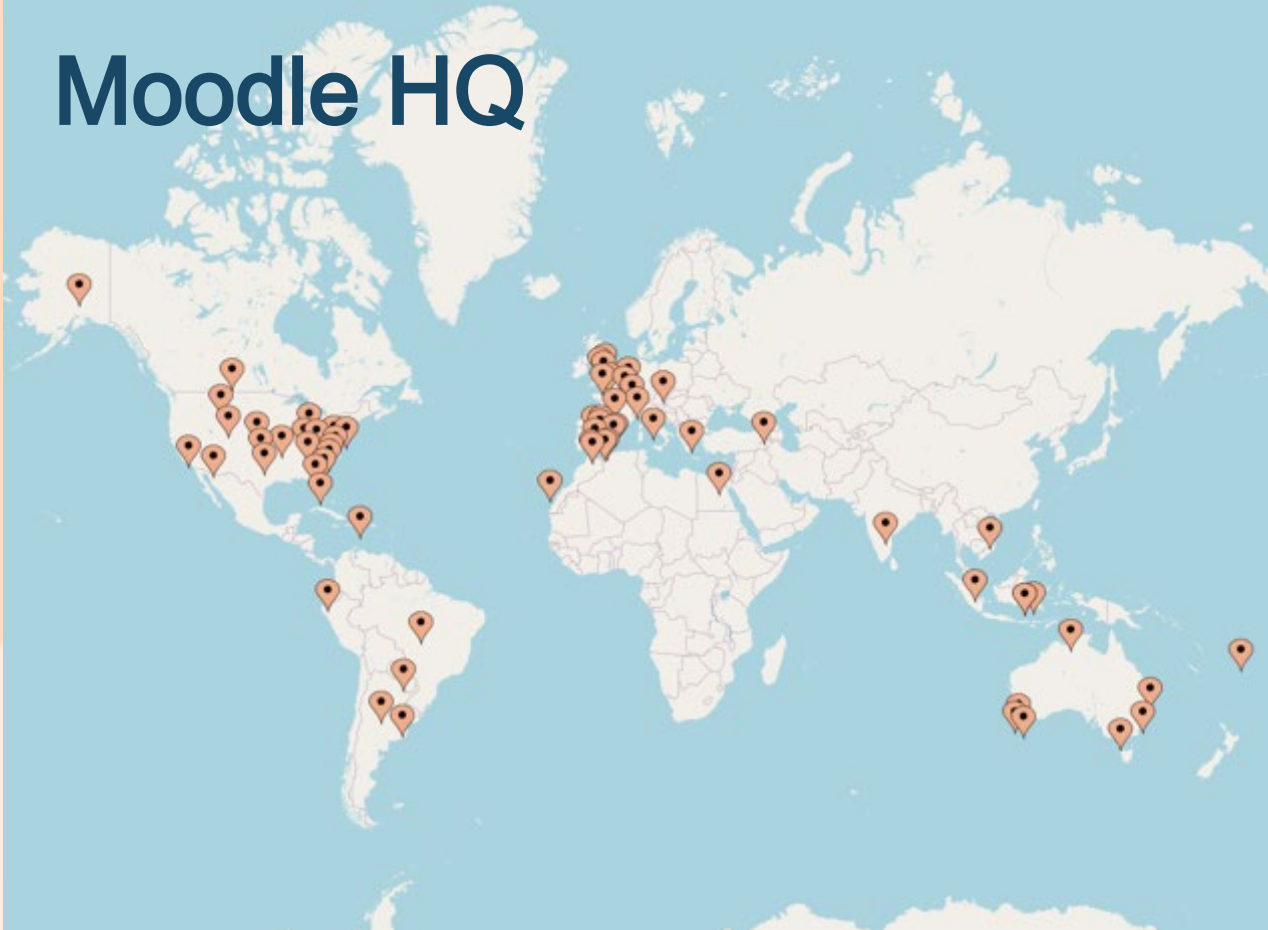
May 2024

# Hello 🖐️

Product Manager by trade & the Global Head of Product @ Moodle HQ.



# Moodle HQ



**265 team  
members**

based in

**23 countries**

speaking over

**26 languages**

# The team



Product Managers



UX Designers

Software Developers

# Our work



**Moodle LMS**



**Moodle Apps**



**Moodle Community**



**Moodle Workplace**



**Moodle Cloud**

# Our presence

Sites  
163,128

Users  
417,422,955

Forum posts  
811,900,434

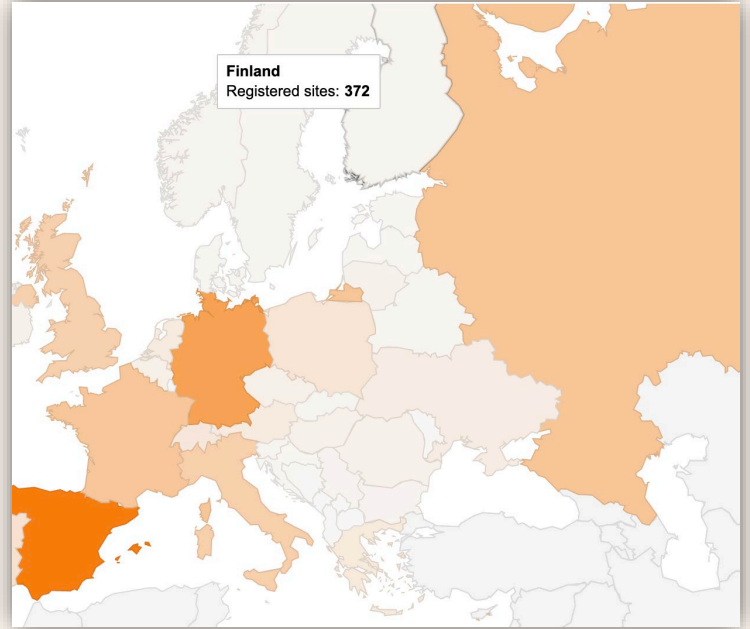
Quiz questions  
9,430,694,480

Courses  
48,322,483

Enrolments  
2,371,418,575

Resources  
428,746,461

Countries  
240



# Our mission and manifesto

Moodle is a platform that is dedicated to empowering educators, trainers and learners all around the world. Our goal is to create solutions that make learning accessible to everyone, regardless of their location or financial situation. We want to enable learners to receive personalised learning experiences with creative educational content, easily collaborate with teachers and peers globally, and achieve outstanding learning outcomes.

*Empowering educators to improve our world*

Our aim is to cultivate a love for learning, fostering a community of lifelong learners, who are equipped to succeed in our ever-changing world and active participants in making the world a better place. At Moodle, we envision a future where learning is truly a right, not a privilege, and where everyone has the opportunity to unlock their full potential.



# Product Vision



# Empowering you for life

## Principles



### User focus

Enhancing our users' experience is at the heart of every change we make to Moodle.



### Technical progress

We strive to continuously enhance Moodle's underlying technology and modernise our solutions.



### Mindful change

Our community trusts Moodle and we are committed to supporting the millions of people who rely on our solutions.



### Secure, accessible & compliant

We believe that security, accessibility, and compliance with regulations are non-negotiables.

# Development Themes

- 1 Unlocking Creativity
- 2 Facilitating Collaboration
- 3 Optimising Outcomes

# Development Themes

1

Unlocking Creativity

2

Facilitating Collaboration

3

Optimising Outcomes



# Unlocking creativity

We aim to empower educators and learners to shape their learning according to their imagination and aspirations, leading to a more inclusive and personalised educational experience.



Optimise Current Interfaces



Diversify Content Creation



Launch New Course Experience

# Unlocking creativity

We aim to empower educators and learners to shape their learning according to their imagination and aspirations, leading to a more inclusive and personalised educational experience.



Optimise Current Interfaces



Diversify Content Creation



Launch New Course Experience

Moodle can be transformed into beautiful learning experiences

python with Ms. Speckner



course reviews More ▾

General

Introduction

1. Lines

2. Colors

3. Shapes

debugging

Colors

Hello Marie.

Glad you're here too

**PROGRAMMIEREN  
MIT PYTHON**



GET INSPIRED

☆☆☆☆  
Leave a rating

And shaped into modern courses for discerning learners



But too many  
people still  
don't know that

“  
User  
experience  
top issue  
”

“  
It's not easy to learn and  
it's a bit clunky at times!  
”

“  
Compared to other  
modern LMS  
platforms,  
Moodle's design  
feels outdated.  
”





Boost 311

Participants

Badges

Competencies

Grades

General

Topic 1

Topic 2

Topic 3

Topic 4

Dashboard

Site home

Calendar

Private files

Content bank

Site administration

# Example course with Boost theme 3.11

Dashboard / Courses / Boost 311



Turn editing on

Announcements

Topic 1

Topic 2

Topic 3

Topic 4

### Latest announcements

Add a new topic...

(No announcements have been posted yet.)

### Online users

No online users (last 5 minutes)

### Calendar

September 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

- Hide site events
- Hide category events
- Hide course events
- Hide group events
- Hide user events
- Hide calendar

Edit settings

- Course completion
- Filters
- Gradebook setup
- Backup
- Restore
- Import
- Copy course
- Reset
- Accessibility toolkit
- More...



# Moodle LMS 4.4

Released: 22 April 2024

287 New Features &  
Improvements



# Course Layout

- Section Visual Indication
- Topic Navigation
- Activity Icon Changes
- File Icons (mime)
- Course Editing

The screenshot shows a Moodle course page for 'Introduction to Cloud Computing'. The page is divided into a left sidebar and a main content area. The sidebar contains a navigation menu with items like 'Course Overview', 'Welcome & Learning Objectives', 'Course Announcements', 'Course Discussion Forum', 'Course Feedback', 'Introduction...', 'Knowledge Check - Introduction Quiz', 'Definition and characteristics of cloud computing', 'Evolution of cloud computing', 'Benefits and challenges of cloud computing', 'Cloud Computing Models', 'Service Models: IaaS, PaaS, SaaS', 'Service Model Presentations: "as a Service" Lesson', 'Deployment Models: Public, Private, and Hybrid Clouds', 'Platform Choice', 'Use cases and examples', 'Cloud Infrastructure and Virtualization', 'Data centers and virtualization', 'Managing compute, storage, and networking', 'Virtual machines and containers', 'Cloud Platforms Overview', 'AWS: Overview, core services and architecture', and 'Azure: Overview, core services and architecture'. The main content area has a header with 'Introduction to Cloud Computing' and tabs for 'Course', 'Participants', 'Grades', and 'Competencies'. Below the header is a 'Course Overview' section with a 'Collapse all' link. The 'Course Overview' section includes a welcome message, a list of learning objectives, and a 'To do' list. The learning objectives are: 'Understand the basic concepts and architecture of cloud computing.', 'Familiarize with the main service models: IaaS, PaaS, and SaaS.', 'Learn about cloud deployment models: public, private, hybrid, and community clouds.', 'Gain hands-on experience with major cloud platforms (e.g., AWS, Azure, Google Cloud Platform).', 'Explore cloud security, compliance, and governance.', and 'Develop and deploy simple cloud-based applications.' The 'To do' list includes 'Knowledge Check - Introductory Quiz' and 'Definition and characteristics of cloud computing'. A 'Course Feedback' section is also visible, with a 'To do' button and a 'To do' dropdown menu.

Moodle Demo Home Dashboard My courses

## Introduction to Cloud Computing

Course Participants Grades Competencies

### Course Overview Collapse all

Welcome to this course!

This introductory course in Cloud Computing (CC101) has the following learning objectives:

- Understand the basic concepts and architecture of cloud computing.
- Familiarize with the main service models: IaaS, PaaS, and SaaS.
- Learn about cloud deployment models: public, private, hybrid, and community clouds.
- Gain hands-on experience with major cloud platforms (e.g., AWS, Azure, Google Cloud Platform).
- Explore cloud security, compliance, and governance.
- Develop and deploy simple cloud-based applications.

The course is laid out in weekly topics that span the length of the semester. Some resources won't be available until you've completed their prerequisites.

[Course Announcements](#)

[Course Discussion Forum](#)

Please share your thoughts on the weekly discussion topics

[Course Feedback](#)  
Opens: Monday, 20 May 2024, 11:23 PM Closes: Friday, 24 May 2024, 10:23 PM To do ▾

### Introduction to Cloud Computing Highlighted

[Knowledge Check - Introductory Quiz](#) To do ▾

[Definition and characteristics of cloud computing](#) To do ▾

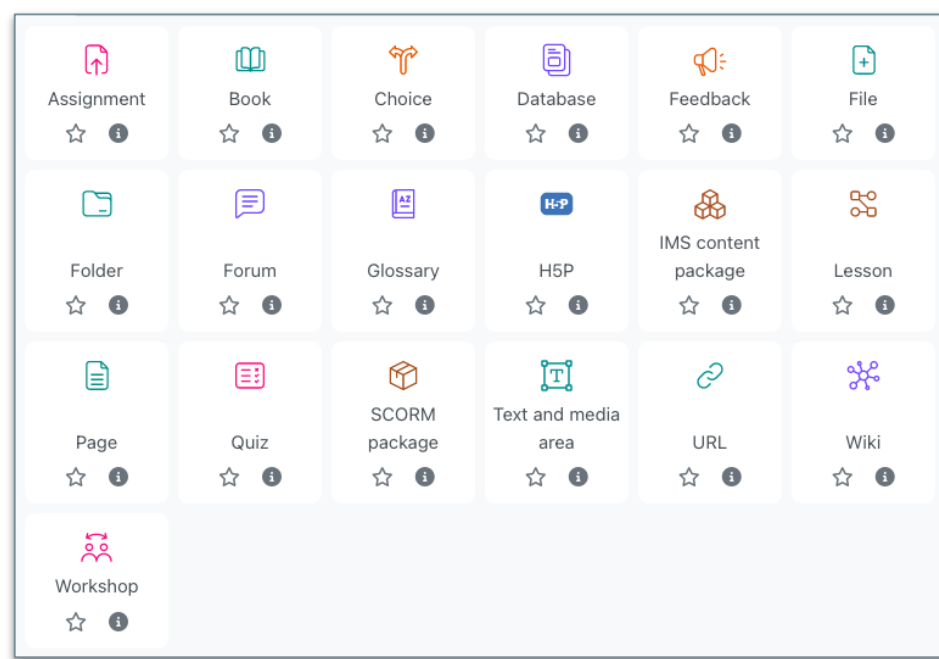
# Course Layout

- Section Visual Indication
- Topic Navigation
- Activity Icon Changes
- File Icons (mime)
- Course Editing

The screenshot shows a Moodle course interface. The top navigation bar includes 'Moodle Demo', 'Home', 'Dashboard', and 'My courses'. The course title is 'CC101 / Introduction to Cloud Computing'. The main content area is titled 'Introduction to Cloud Computing' and features a 'Highlighted' section with a 'Knowledge Check - Introductory Quiz' and a 'To do' button. Below this, there are several document icons representing course materials, each with a 'To do' button: 'Definition and characteristics of cloud computing', 'Cloud Computing Terms', 'Evolution of cloud computing', and 'Benefits and challenges of cloud computing'. A left-hand sidebar contains a navigation menu with various sections, including 'Course Discussion Forum', 'Course Feedback', 'Introductory...', 'Knowledge Check - Intro...', 'Definition and characterist...', 'Cloud Computing Terms', 'Evolution of cloud comput...', 'Benefits and challenges o...', 'Cloud Computing Models', 'Service Models: IaaS, PaaS...', 'Service Model Presenta...', 'as a Service" Lesson', 'Deployment Models: Publi...', 'Platform Choice', 'Use cases and examples', 'Cloud Infrastructure an...', 'Data centers and virtualiz...', 'Managing compute, stora...', 'Virtual machines and cont...', 'Cloud Platforms Overview', 'AWS: Overview, core servi...', 'Azure: Overview, core ser...', 'Google Cloud Platform: O...', 'Developing Cloud Applic...', and 'Designing for the cloud: m...'. A search icon is visible in the top right corner of the sidebar.

# Course Layout

- Section Visual Indication
- Topic Navigation
- **Activity Icon Changes**
- File Icons (mime)
- Course Editing



## Assessment

Assignment  
Quiz  
Workshop



## Collaboration

Database  
Forum  
Glossary  
Wiki



## Communication

Chat  
Choice  
Feedback  
Survey



## Interactive learning

H5P  
Lesson  
SCORM package  
IMS package



## Resources

Book  
File  
Folder  
Page  
URL  
Text & Media

# Course Layout

- Section Visual Indication
- Topic Navigation
- **Activity Icon Changes**
- File Icons (mime)
- Course Editing

## New Palette ( $\geq 4.4$ )

Regular vision



Protanopia



Deuteranopia



Tritanopia



## Old Palette ( $\leq 4.3$ )

Regular vision



Protanopia



Deuteranopia



Tritanopia



# Course Layout

- Section Visual Indication
- Topic Navigation
- Activity Icon Changes
- **File Icons (mime)**
- Course Editing



# Course Layout

- Section Visual Indication
- Topic Navigation
- Activity Icon Changes
- File Icons (mime)
- Course Editing

The screenshot shows a Moodle course page for 'Introduction to Cloud Computing'. The page is divided into a left sidebar and a main content area. The sidebar contains a 'Course Overview' section with a blue header and a list of items: 'Welcome & Learning Obj...', 'Course Announcements', 'Course Discussion Forum', and 'Course Feedback'. Below this is an 'Introductio...' section with a blue 'Highlighted' badge and items: 'Knowledge Check - Introd...', 'Definition and characterist...', 'Cloud Computing Terms', 'Benefits and challenges o...', and 'Evolution of cloud comput...'. Further down are 'Cloud Computing Models' and 'Cloud Infrastructure an...' sections. The main content area has a title 'Introduction to Cloud Computing' and a 'Bulk actions' link. Below the title are tabs for 'Course', 'Settings', 'Participants', 'Grades', 'Reports', and 'More'. The main content area features a 'Course Overview' section with a 'Collapse all' link. It includes a 'Welcome to this course!' message, a list of learning objectives, and a 'The course is laid out in weekly topics...' message. There are also links for 'Course Announcements', 'Course Discussion Forum', and 'Course Feedback'. A 'To do' dropdown menu is visible at the bottom right of the main content area.

Moodle Demo Home Dashboard My courses Site administration

Introduction to Cloud Computing Bulk actions

Course Settings Participants Grades Reports More

Course Overview Collapse all

Welcome to this course!

This introductory course in Cloud Computing (CC101) has the following learning objectives:

- Understand the basic concepts and architecture of cloud computing.
- Familiarize with the main service models: IaaS, PaaS, and SaaS.
- Learn about cloud deployment models: public, private, hybrid, and community clouds.
- Gain hands-on experience with major cloud platforms (e.g., AWS, Azure, Google Cloud Platform).
- Explore cloud security, compliance, and governance.
- Develop and deploy simple cloud-based applications.

The course is laid out in weekly topics that span the length of the semester. Some resources won't be available until you've completed their prerequisites.

Course Announcements

Course Discussion Forum

Please share your thoughts on the weekly discussion topics

Course Feedback

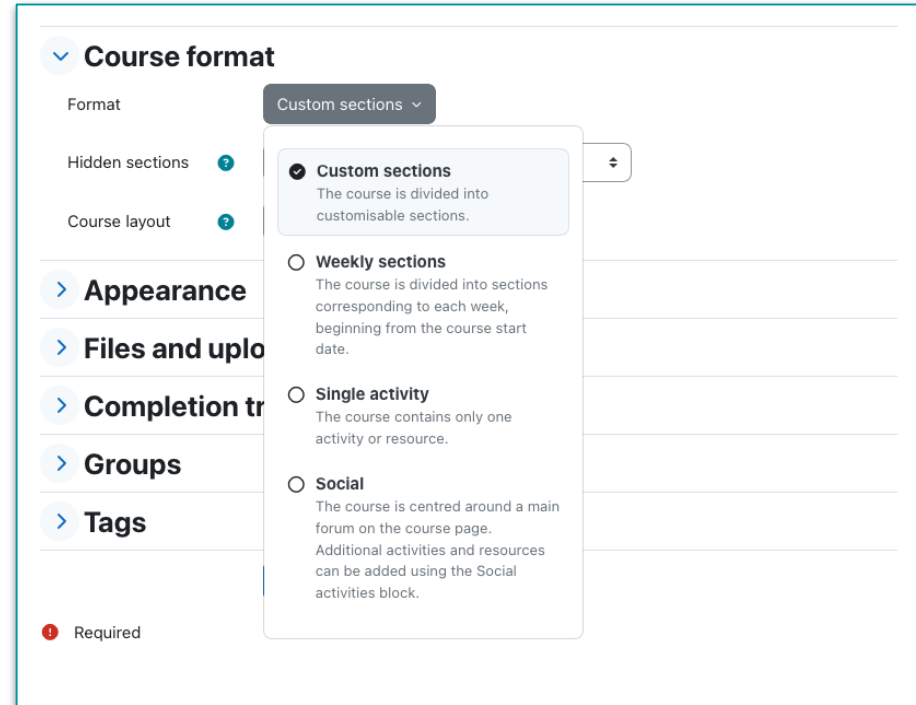
Opens: Monday, 20 May 2024, 11:23 PM Closes: Friday, 24 May 2024, 10:23 PM To do

+ Add an activity or resource



# Course Layout

- Section Visual Indication
- Topic Navigation
- Activity Icon Changes
- File Icons (mime)
- Course Editing



The screenshot displays the 'Course format' settings in a user interface. On the left, a sidebar lists navigation options: 'Appearance', 'Files and uploads', 'Completion tracking', 'Groups', and 'Tags'. The main content area is titled 'Course format' and features a 'Format' dropdown menu currently set to 'Custom sections'. Below this, there are two rows: 'Hidden sections' and 'Course layout', each with a question mark icon. A modal window is open, showing a list of course format options with radio buttons:

- Custom sections**  
The course is divided into customisable sections.
- Weekly sections**  
The course is divided into sections corresponding to each week, beginning from the course start date.
- Single activity**  
The course contains only one activity or resource.
- Social**  
The course is centred around a main forum on the course page. Additional activities and resources can be added using the Social activities block.

At the bottom left of the settings panel, there is a red exclamation mark icon followed by the text 'Required'.

X

⋮

## ▼ Introduction to the course

General resources

○ Course forum

## ▼ Impact on biodiversity

## ▼ Reading materials

○ Ecosystem vulnerability

○ Ocean acidification

○ Species extinction

## ▼ Practice exercises

○ Navigating ocean Acidifica...

○ Species extinction simulati...

○ Climate change's societal i...

○ Evaluating ecosystem resilien...

# Climate change

[Course](#)[Participants](#)[Grades](#)[Competencies](#)

## ▼ Introduction to the course

"Introduction to the course" offers an overview of global weather shifts due to human-induced greenhouse gases. Explore environmental, social, and economic impacts, and learn mitigation and adaptation strategies to address its effects on ecosystems and societies.



General resources



Announcements forum

To-do ▼

## ▼ Impact on biodiversity

In this module, we'll explore how climate change affects the ecosystems, species, and ultimately, the delicate balance of life on Earth. Through discussions, case studies, and real-world examples, you will understand the challenges and opportunities of preserving biodiversity in a rapidly changing climate.

## ▼ Reading materials



Ecosystem vulnerability

Mark as done



Ocean acidification DOC

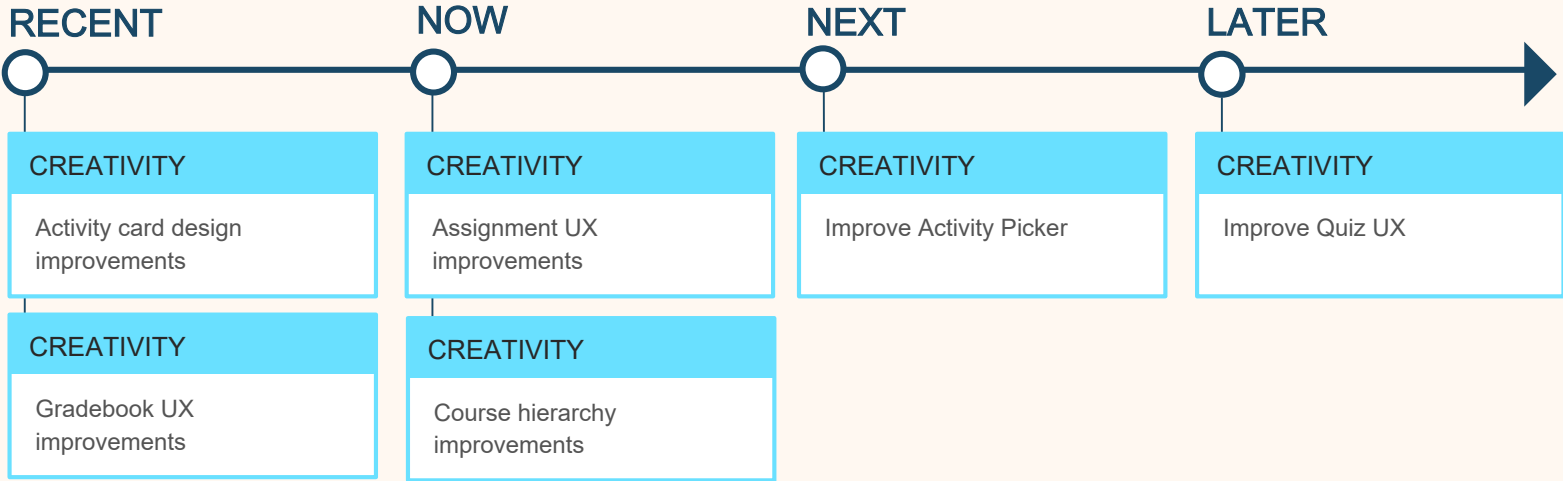
Mark as done



Species extinction PDF

Mark as done

# Items on the roadmap designed to improve the course experience



# Unlocking creativity

We aim to empower educators and learners to shape their learning according to their imagination and aspirations, leading to a more inclusive and personalised educational experience.



Optimise Current Interfaces



Diversify Content Creation



Launch New Course Experience

# Image Adding

- Improved UI
- Simplified Workflow
- User Alignment

The screenshot displays the Moodle course administration interface. The top navigation bar includes 'Moodle Demo', 'Home', 'Dashboard', 'My courses', and 'Site administration'. The left sidebar shows a course overview with sections like 'Course Overview', 'Introduction...', 'Cloud Computing Models', 'Cloud Infrastructure an...', and 'Cloud Platforms Overview'. The main content area is titled 'General' and contains several input fields: 'Name', 'External URL', and 'Description'. The 'Description' field is a rich text editor with a toolbar and a 'tiny' logo. Below the description field, there are expandable sections for 'Appearance', 'Common module settings', 'Restrict access', 'Completion conditions', 'Tags', and 'Competencies'. The interface is clean and modern, with a focus on user alignment and simplified workflow.

# Meet Rita

## Rita the Re-creator: User goal



- ⌘ Rita teaches one section of an Environmental Sciences course, and she is taking over another teacher's section as well. She likes a lot of what's in the other teacher's Moodle course, but she wants to put her personal touch on it.

She's already developed some great **activities** for her own section and would like to reuse them. She also wants to bring over a **block** that she uses in all of her courses that reminds her students to take study breaks.

Let's look at how she would do that today...



Shane Sletten

## Suodatinkoodit (FilterCodes)

Course Settings Participants Grades Reports More

This course is currently **hidden**. Only enrolled teachers can access this course when hidden. You can change the visibility in the **course settings**.

### Tervetuloa/Welcome

Collapse all

You have chosen English as your Moodle language. Use filter codes to make various course elements display in the user's selected language through the multilanguage feature. **The English translation of this page is underway.**

*P.S. This alert box, along with the language choice responsive text and information icon, has been created with filter codes directly in the text editor.*

GB, FL, SV

Welcome to course Suodatinkoodit (FilterCodes), Sara Lindholm

Your previous login was on Fri, 1 Mar 2024, 8:19 AM

**You are currently a teacher in the group B.**

FL, GB

### Aloita tästä / Start here

Tervetuloa! Aloita lukemalla minut/Welcome! Start by reading me!



View





Sara Lindholm






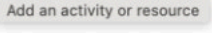
Sound familiar?



 **Assignments** 


Assignments enable teachers to grade and give comments on uploaded files and assignments online and offline.


 **Online text assignment**   
**Due:** Wednesday, 1 May 2024, 2:00 PM


 **Assignment with file submissions** 




 

**To do**  






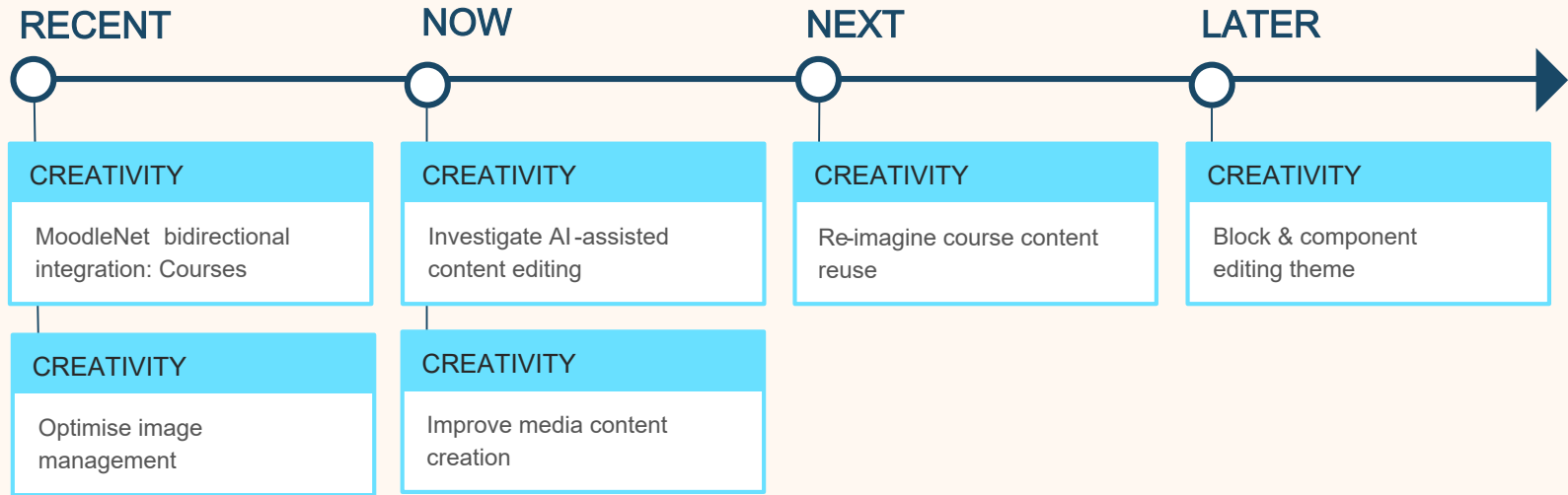
 **Add a block**

**Latest announcements**   

[Add a new topic...](#)  
(No announcements have been posted yet.)



# Items on the roadmap designed to help diversify content creation



# Unlocking creativity

We aim to empower educators and learners to shape their learning according to their imagination and aspirations, leading to a more inclusive and personalised educational experience.



Optimise Current Interfaces




Diversify Content Creation



Launch New Course Experience






# Block & component editing theme you say?

[Plugins](#) / [Themes](#) / [Boost Union](#) / Description



## Boost Union

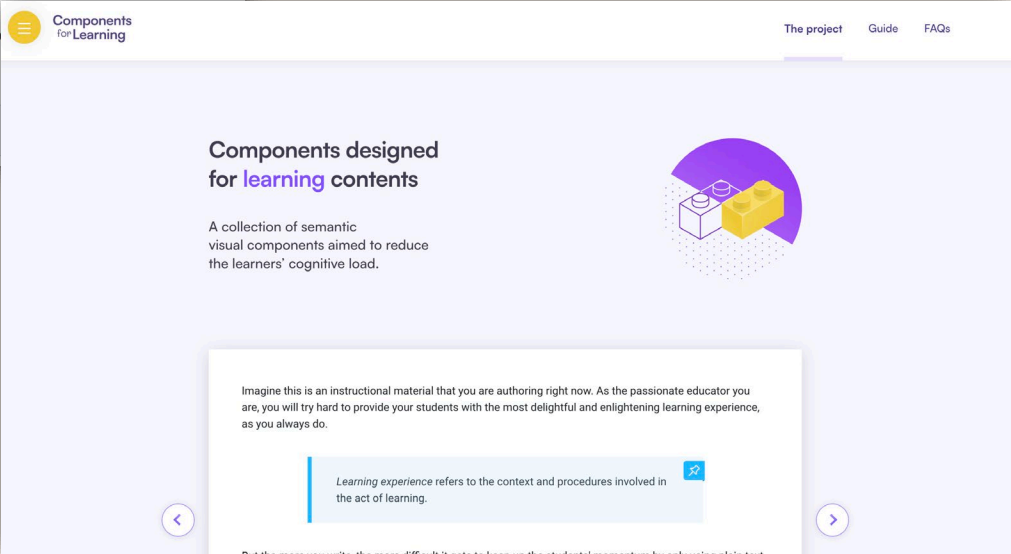
Themes :: theme\_boost\_union

Maintained by  Moodle an Hochschulen e.V.,  Moodle Partner lern.link,  bdecent gmbh,  Alexander Bias,  Moodle an HS Doku

Theme Boost Union is an enhanced child theme of Boost which is intended, on the one hand, to make Boost more user-friendly and, on the other hand, to provide helpful additional features for the daily Moodle operation of admins, teachers and students.

📅 Latest release: 6 days 📍 2726 sites 📄 4k downloads ❤️ 81 fans

[Description](#) [Versions](#) [Stats](#) [Translations](#)




Components for Learning

[The project](#) [Guide](#) [FAQs](#)

## Components designed for learning contents

A collection of semantic visual components aimed to reduce the learners' cognitive load.



Imagine this is an instructional material that you are authoring right now. As the passionate educator you are, you will try hard to provide your students with the most delightful and enlightening learning experience, as you always do.

*Learning experience* refers to the context and procedures involved in the act of learning.

Due to the complexity of the material, it is difficult to keep up the student's attention. In addition, the text is too long and the layout is not user-friendly.



# Development Themes

1

Unlocking Creativity

2

Facilitating Collaboration

3

Optimising Outcomes



# Facilitating Collaboration

We will focus on enabling supportive and connected learning environments by continuously improving Moodle's ability to integrate and collaborate effectively with other solutions and leverage common standards.



Leverage  
Standards



Support Plugin  
Development



Balance  
Open Source

# Facilitating Collaboration

We will focus on enabling supportive and connected learning environments by continuously improving Moodle's ability to integrate and collaborate effectively with other solutions and leverage common standards.



Leverage  
Standards



Support Plugin  
Development



Balance  
Open Source



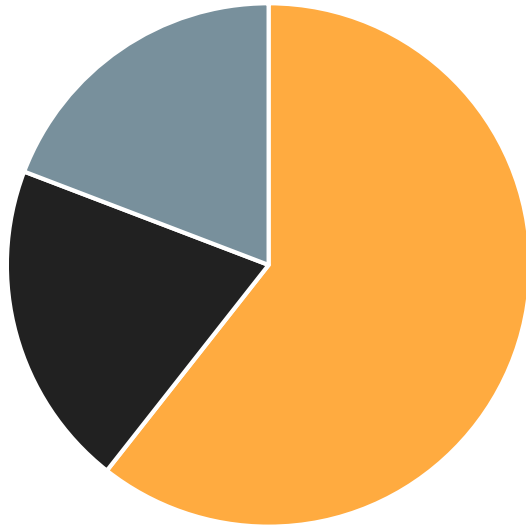
Moodle is a platform that can be added to, built on & extended in amazing ways



From the brilliant mind of New Jersey artist Mike Doyle

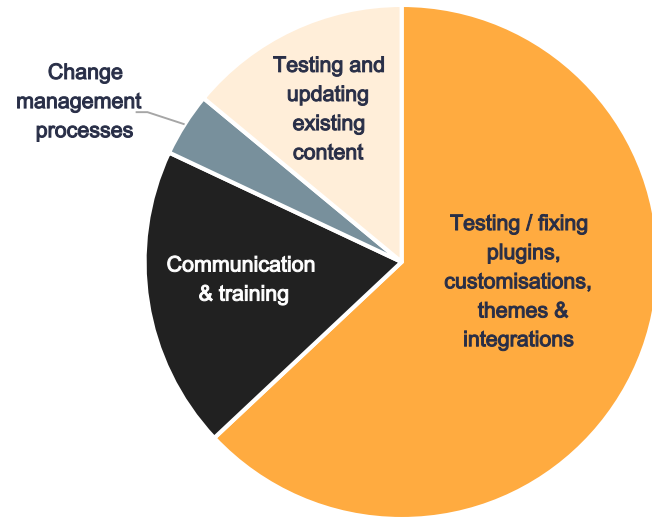
# But it's flexibility can also create some of its biggest challenges

## Time to upgrade

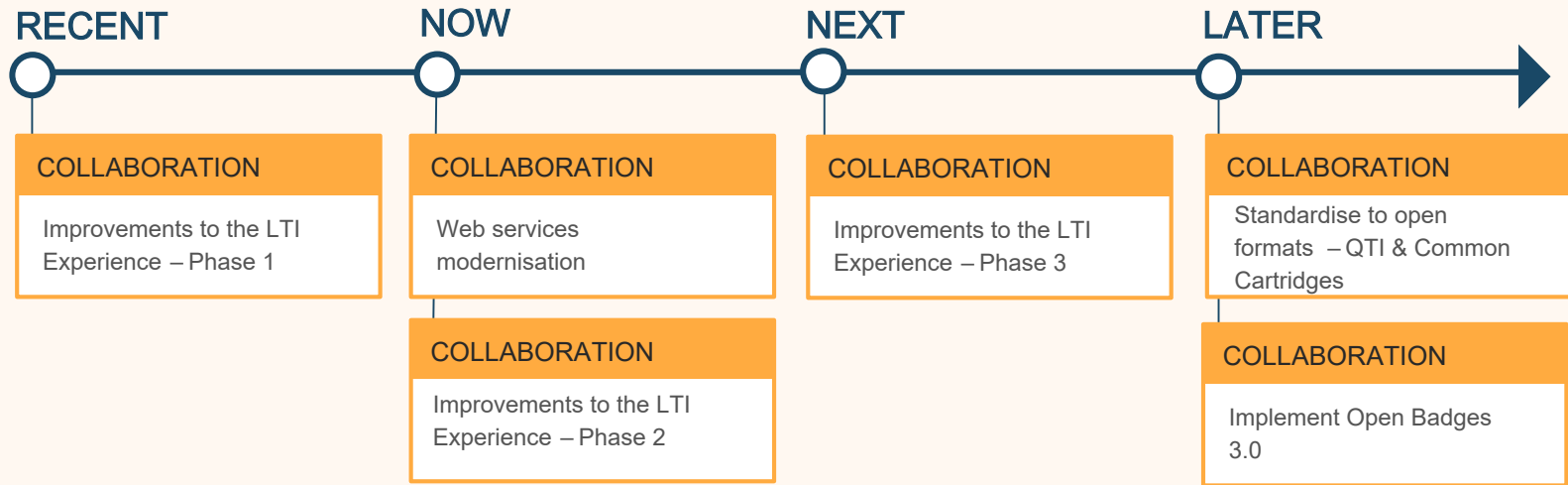


■ > 3 months ■ Between 2 & 3 months ■ Less than 3 months

## Reasons for delay



# Items on the roadmap designed to facilitate collaboration by leveraging common standards



# Facilitating Collaboration

We will focus on enabling supportive and connected learning environments by continuously improving Moodle's ability to integrate and collaborate effectively with other solutions and leverage common standards.



Leverage  
Standards

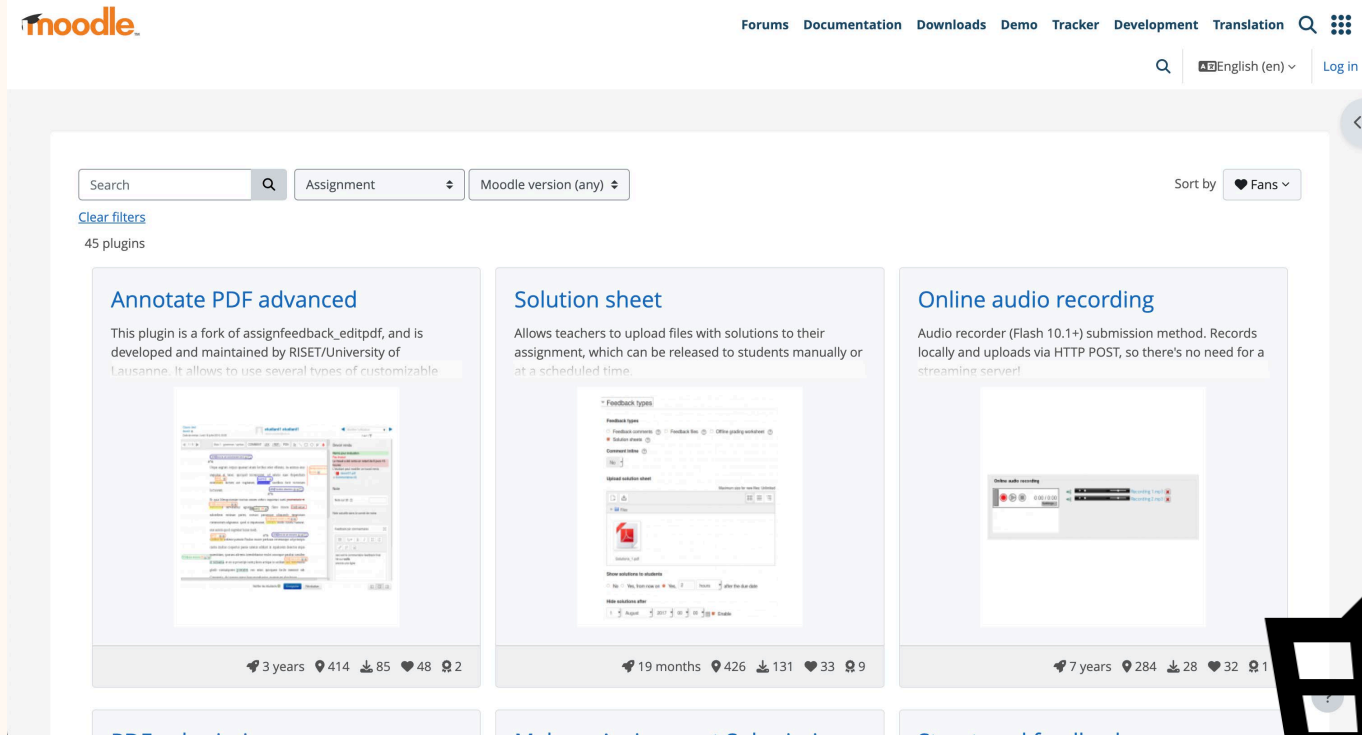


Support Plugin  
Development



Balance  
Open Source

# A new service: Moodle Marketplace



The screenshot shows the Moodle Marketplace interface. At the top, there is a navigation bar with links for Forums, Documentation, Downloads, Demo, Tracker, Development, and Translation. A search bar and a language selector (English (en)) are also present. Below the navigation bar, there is a search filter section with a search input, a dropdown menu for 'Assignment', and another dropdown for 'Moodle version (any)'. A 'Sort by' dropdown is set to 'Fans'. The main content area displays a list of plugins, with three visible:

- Annotate PDF advanced**: This plugin is a fork of assignfeedback\_editpdf, and is developed and maintained by RISET/University of Lausanne. It allows to use several types of customizable annotations. It has 3 years, 414 fans, 85 downloads, 48 hearts, and 2 comments.
- Solution sheet**: Allows teachers to upload files with solutions to their assignment, which can be released to students manually or at a scheduled time. It has 19 months, 426 fans, 131 downloads, 33 hearts, and 9 comments.
- Online audio recording**: Audio recorder (Flash 10.1+) submission method. Records locally and uploads via HTTP POST, so there's no need for a streaming server! It has 7 years, 284 fans, 28 downloads, 32 hearts, and 1 comment.



# Facilitating Collaboration

We will focus on enabling supportive and connected learning environments by continuously improving Moodle's ability to integrate and collaborate effectively with other solutions and leverage common standards.



Leverage  
Standards



Support Plugin  
Development

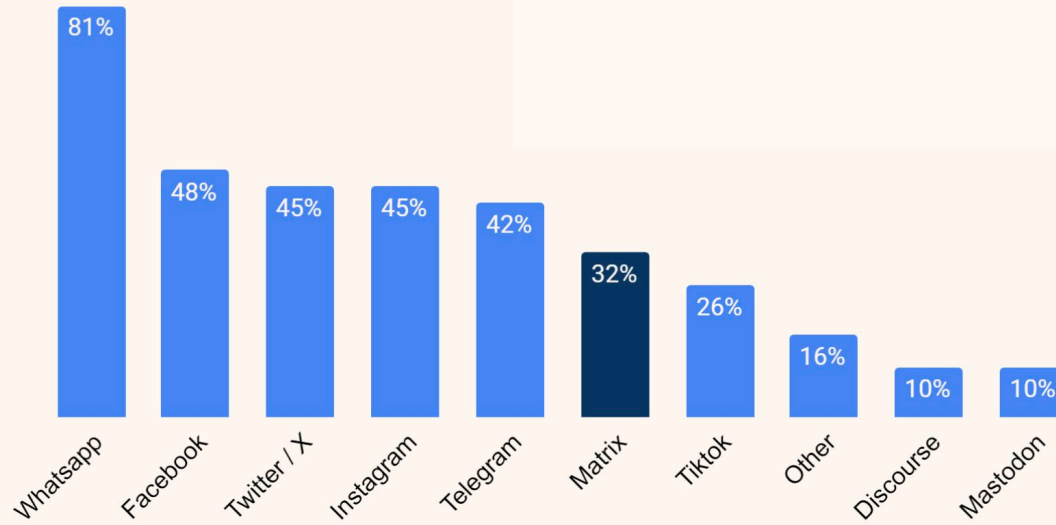


Balance  
Open Source

# Balancing open source

## Chat & Social

We heard from 31 participants, which has a margin of error **18%** for 95% confidence level.



# Development Themes

1

Unlocking Creativity

2

Facilitating Collaboration

3

Optimising Outcomes



# Optimising outcomes

Providing our users with tools that optimise their efforts is paramount. We aim to create a toolset that not only reduces the time and cost of managing our platform and creating courses but also helps learners overcome challenges more effectively.



Make the platform  
easier to manage



Create New Tools  
For Users

# Optimising outcomes

Providing our users with tools that optimise their efforts is paramount. We aim to create a toolset that not only reduces the time and cost of managing our platform and creating courses but also helps learners overcome challenges more effectively.



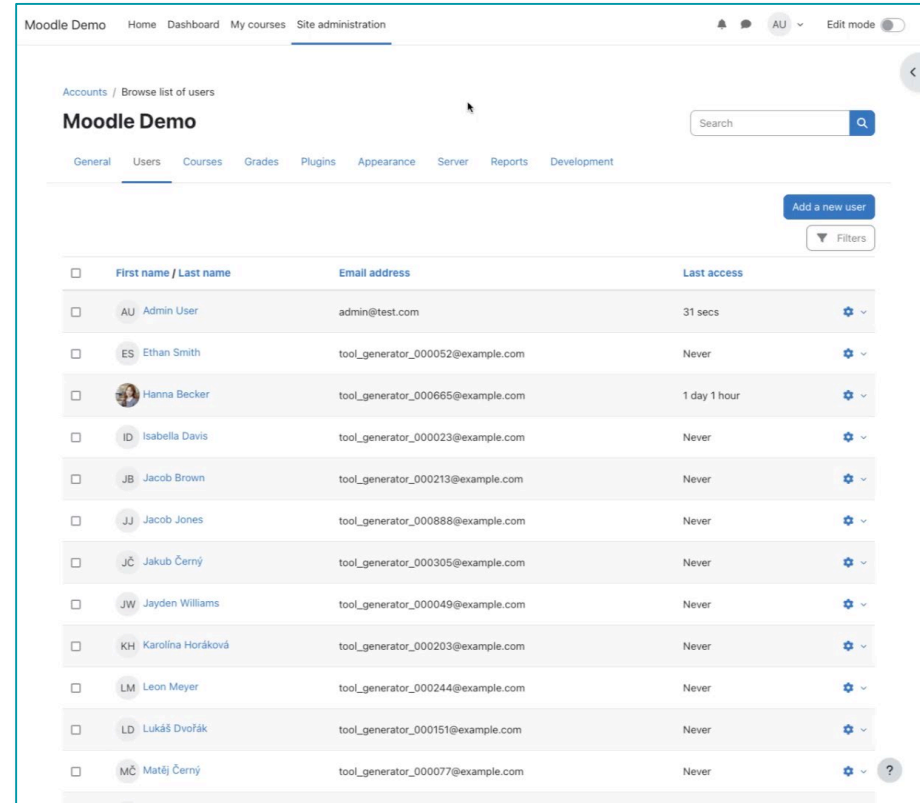
Make the platform  
easier to manage




Create New Tools  
For Users

# User Management

- Powered by Report Builder
- Deletion Confirmation Modal
- Bulk Actions
  
- Alignment with Workplace

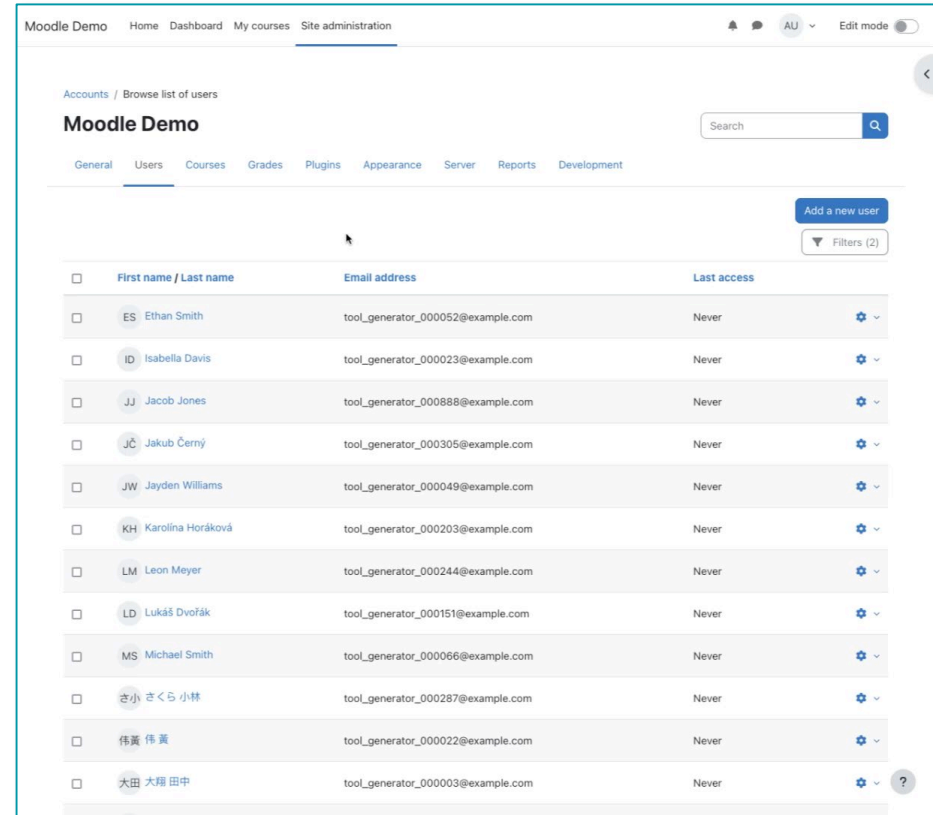


The screenshot shows the Moodle Demo Site Administration interface. The top navigation bar includes 'Moodle Demo', 'Home', 'Dashboard', 'My courses', and 'Site administration'. The 'Accounts' page is active, displaying a list of users. The page title is 'Moodle Demo' and the breadcrumb is 'Accounts / Browse list of users'. A search bar is located in the top right. Below the search bar are tabs for 'General', 'Users', 'Courses', 'Grades', 'Plugins', 'Appearance', 'Server', 'Reports', and 'Development'. The 'Users' tab is selected. A blue button 'Add a new user' and a 'Filters' dropdown are in the top right. The main content is a table of users with columns for 'First name / Last name', 'Email address', and 'Last access'. Each row has a checkbox on the left and a gear icon on the right for user management.

<input type="checkbox"/>	First name / Last name	Email address	Last access	
<input type="checkbox"/>	AU Admin User	admin@test.com	31 secs	⚙️
<input type="checkbox"/>	ES Ethan Smith	tool_generator_000052@example.com	Never	⚙️
<input type="checkbox"/>	 Hanna Becker	tool_generator_000665@example.com	1 day 1 hour	⚙️
<input type="checkbox"/>	ID Isabella Davis	tool_generator_000023@example.com	Never	⚙️
<input type="checkbox"/>	JB Jacob Brown	tool_generator_000213@example.com	Never	⚙️
<input type="checkbox"/>	JJ Jacob Jones	tool_generator_000888@example.com	Never	⚙️
<input type="checkbox"/>	JČ Jakub Černý	tool_generator_000305@example.com	Never	⚙️
<input type="checkbox"/>	JW Jayden Williams	tool_generator_000049@example.com	Never	⚙️
<input type="checkbox"/>	KH Karolina Horáková	tool_generator_000203@example.com	Never	⚙️
<input type="checkbox"/>	LM Leon Meyer	tool_generator_000244@example.com	Never	⚙️
<input type="checkbox"/>	LD Lukáš Dvořák	tool_generator_000151@example.com	Never	⚙️
<input type="checkbox"/>	MČ Matěj Černý	tool_generator_000077@example.com	Never	⚙️ ?

# User Management

- Powered by Report Builder
- Deletion Confirmation Modal
- Bulk Actions
  
- Alignment with Workplace



The screenshot shows the Moodle Demo Site Administration interface for user management. The page title is "Moodle Demo" and the breadcrumb is "Accounts / Browse list of users". The navigation menu includes "General", "Users", "Courses", "Grades", "Plugins", "Appearance", "Server", "Reports", and "Development". The "Users" section is active, and there is a search bar and a "Filters (2)" button. A table lists 13 users with columns for "First name / Last name", "Email address", and "Last access". Each row has a checkbox for selection and a gear icon for actions.

<input type="checkbox"/>	First name / Last name	Email address	Last access	
<input type="checkbox"/>	ES Ethan Smith	tool_generator_000052@example.com	Never	⚙️
<input type="checkbox"/>	ID Isabella Davis	tool_generator_000023@example.com	Never	⚙️
<input type="checkbox"/>	JJ Jacob Jones	tool_generator_000888@example.com	Never	⚙️
<input type="checkbox"/>	JČ Jakub Černý	tool_generator_000305@example.com	Never	⚙️
<input type="checkbox"/>	JW Jayden Williams	tool_generator_000049@example.com	Never	⚙️
<input type="checkbox"/>	KH Karolína Horáková	tool_generator_000203@example.com	Never	⚙️
<input type="checkbox"/>	LM Leon Meyer	tool_generator_000244@example.com	Never	⚙️
<input type="checkbox"/>	LD Lukáš Dvořák	tool_generator_000151@example.com	Never	⚙️
<input type="checkbox"/>	MS Michael Smith	tool_generator_000066@example.com	Never	⚙️
<input type="checkbox"/>	さ小 さくら 小林	tool_generator_000287@example.com	Never	⚙️
<input type="checkbox"/>	伟黄 伟黄	tool_generator_000022@example.com	Never	⚙️
<input type="checkbox"/>	大田 大翔 田中	tool_generator_000003@example.com	Never	⚙️

## 2-Step Verification

To keep your account safe, we need to check that this is really you.



### Verify it's you by mobile phone SMS

Use your mobile phone to receive a SMS one-time security code.

Enter code

An SMS message containing your verification code was sent to xxxxxxxx238.

Continue

Try another way to verify:



Use Authenticator application



Have a code emailed to you

Cancel login

Need help? [Contact site support](#)

# MFA

- SMS Support
- Improved Setup Experience



# MFA

- SMS Support
- Improved Setup Experience

Moodle Demo

Preferences / Multi-factor authentication preferences


**Admin User** Message


AU


'Security key - YubiKey' successfully set up.


### Multi-factor authentication

Easily set up and manage multi-factor authentication.

  
**Email**  
'admin@test.com' is being used to authenticate. This has been set up by your administrator.  
Active

  
**SMS mobile phone**  
Have a verification code sent to the mobile number you choose.  
Set up

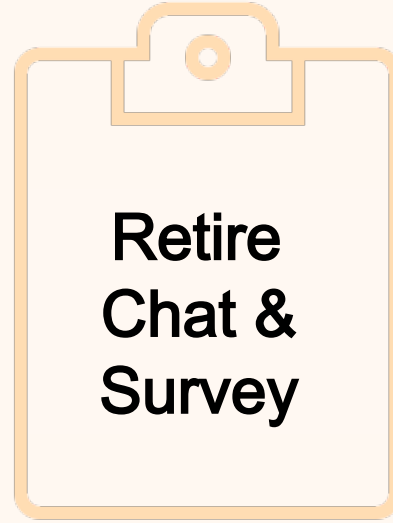
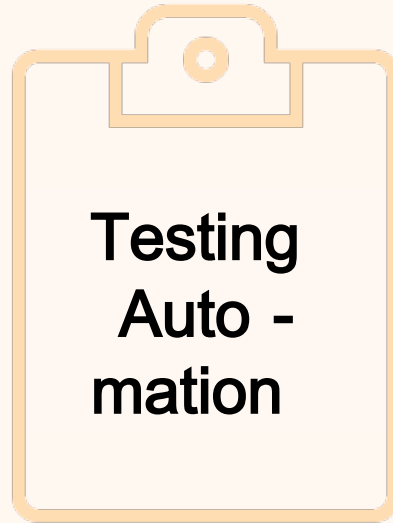
  
**Authenticator app**  
Generate a verification code using an authenticator app.  
Set up

  
**Security key**  
You are using 'YubiKey' to authenticate.  
Active Manage

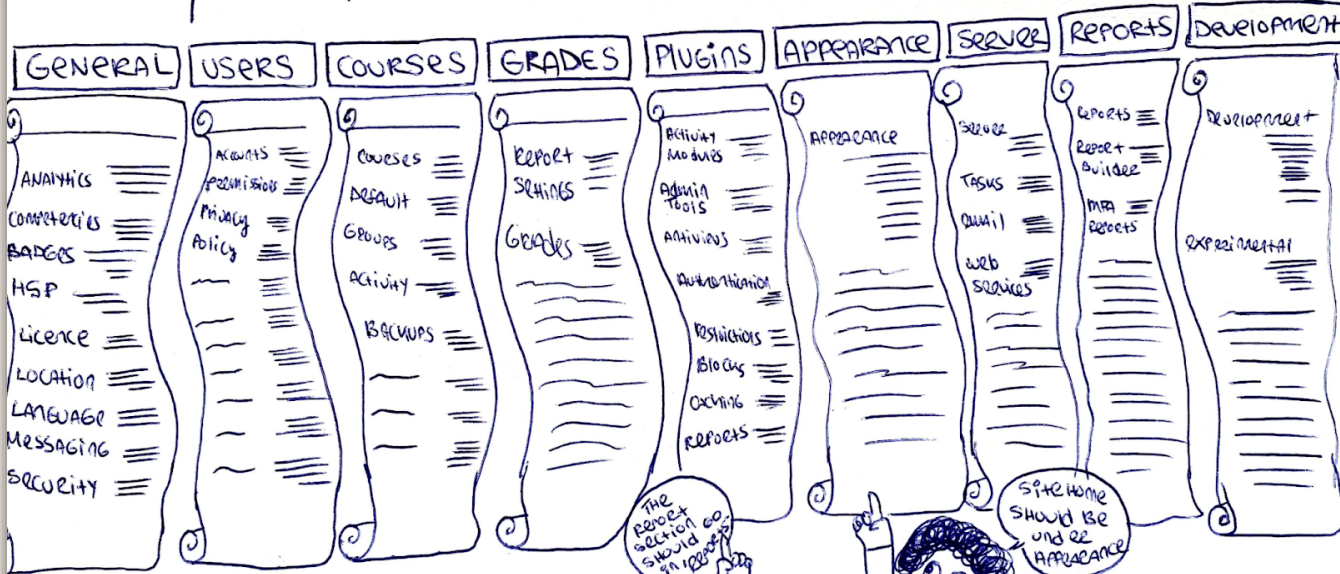
Contact site support

Transferring data from webservice...

# Modernising Moodle to make it easier to manage & cheaper to run



# Site Administration



SECURITY SHOULD BE IN SERVER SETTINGS

ANTI VIRUS PLUGINS ARE RELATED TO SERVER



The Report section should be in REPORTS

DEV 4 LIFE



Site HOME SHOULD BE under APPEARANCE

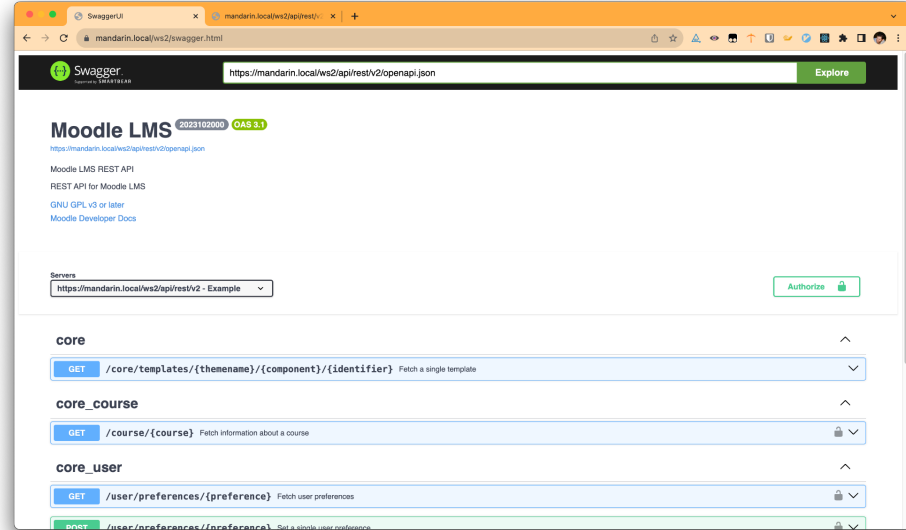
Admin tools can be under server

SEARCH & PERMISSIONS ARE 'BACKEND'



# Webservices

- Version 2 Webservices
- Swagger UI
- Routing Improvements



# Optimising outcomes

Providing our users with tools that optimise their efforts is paramount. We aim to create a toolset that not only reduces the time and cost of managing our platform and creating courses but also helps learners overcome challenges more effectively.



Make the platform  
easier to manage



Create New Tools  
For Users

# AI with purpose: for educators



**Educators**

## Ways to:

- Save time
- Save rework
- Target their efforts
- Engage their learners

# AI with purpose: for administrators



**Administrators**

**Easier:**

- Operations
- Maintenance
- Administration

# AI with purpose: for learners



**Learners**

## Tools to:

- Manage their work
- Optimise their time
- Get faster feedback
- Access support

# AI Integration

- You can leverage the power of AI with Moodle right now!
- Some of the plugins available today:

**Compilatio Plagiarism and AI Co...**  
Compilatio is a provider of academic integrity solutions, integrating with Moodle. Detect plagiarism, AI-generated content, turnitin-like, self-checkout, and more.



👍 9 weeks 👁 617 📄 304 ❤️ 7 🗨 5

**AI Text to questions generator**  
A local plugin that is accessible from course top menu, that generates question on a given text using OpenAI ChatGPT. Knowledge from AI API key is mandatory for using this plugin.




👍 6 months 👁 170 📄 299 ❤️ 23 🗨 2

**OpenAI Chat Block**  
This plugin provides a chat block powered by OpenAI's GPT text completion or chat API, with customizable AI personalities.



👍 2 weeks 👁 1334 📄 979 ❤️ 54 🗨 2

**Copyleaks Plagiarism and AI Con...**  
Bring the power of Copyleaks, an official solution provider, to Moodle! Quickly and easily detect potential plagiarism, AI-generated content, turnitin-like, self-checkout, and more.



👍 3 weeks 👁 188 📄 536 ❤️ 72 🗨 4

**AI Text to image**  
A repository that adds the ability to get AI generated images directly into Moodle, using OpenAI API.



👍 8 days 👁 135 📄 253 ❤️ 16 🗨 2

# Moodle's AI Principles

[moodle.com/moodle -and-our-ai-principles/](https://moodle.com/moodle-and-our-ai-principles/)

- Human -centered AI
- Transparency
- Configurability
- Data Protection
- Equality
- Ethical Practice
- Education

# Investing in research

We have established  
a new Moodle  
Research team,  
headed up by our  
founder, Martin  
Dougiamas

The creation of our  
research function is a  
testament to Moodle's  
commitment to  
research and  
innovation





# LMS AI Subsystem

A way to provide a **consistent and user -friendly** experience for users to **interact with AI** in Moodle LMS. While allowing them to continue their teaching and learning activities.

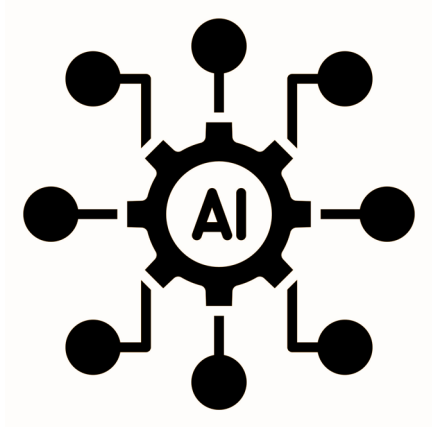
Provide a **straightforward integration** with various **AI providers** on the backend.

While adhering to our [AI Principles](#) and Legislation

# LMS AI Subsystem



# LMS AI Subsystem

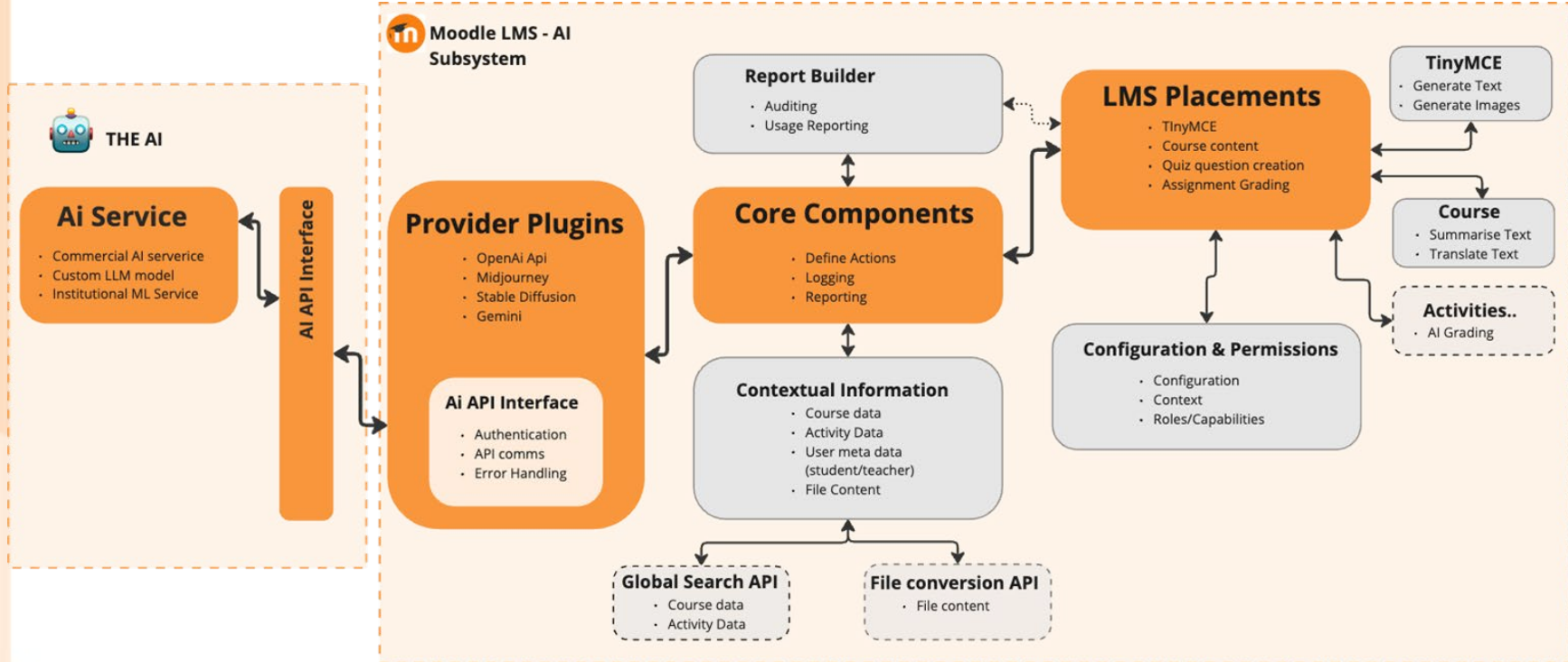


- Privacy
- Reporting
- Legislation

- Access Control
- Inputs for AI Model (Guardrails)

- Model Training
- Extendability
- Scalability

# LMS AI Subsystem



# LMS AI Subsystem

- **Placements**
  - How users interact with AI (UX/UI & Workflows)
- **Actions**
  - The things that can be done (Generate an Image)
- **Providers**
  - Provide the Action functionality (OpenAI API)

# LMS AI Subsystem

- Placements
- Actions
- Providers

Learning outcomes and completion information.

## 1. Learning outcomes

In this course you will:

- learn what exactly mindfulness is;
- how to incorporate mindful practices into your teaching;
- how to foster a mindful approach to study with your learners.

Get AI assistance on this selection










-  Explain: Clarify complex concepts or terms.
-  Summarize: Condense long texts into key points.
-  Translate: Offer translations for non-native language texts.
-  Answer Questions: Respond to specific queries about the text.

Table Help

Add AI content



# LMS AI Subsystem

- Placements
- Actions
- Providers

- **Summarise** : Summarise the provided text. Condense long text into key points. Simplify anything too complex for learners to understand.
- **Explain** : Explain the provided text. Clarify complex concepts or terms. Your aim is to make it easy for learners to understand.
- **Ask Question** : Generate questions from the provided text.
- **Answer Question** : Answer questions about the provided text.
- **Translate** : Translate the provided text into another language.
- **Images** : Generate images to illustrate the provided text.
- **Chatbot** : Provides a 2 way synchronous interaction in a conversational Q&A manner

# LMS AI Subsystem

- Placements
- Actions
- Providers

**OpenAI API key**  
tiny\_ai | apikey [Click to enter text](#)  


Enter your OpenAI API key. You can get one from <https://platform.openai.com/account/api-keys>

**OpenAI organization ID**  
tiny\_ai | orgid

Default: Empty

Enter your OpenAI organization ID. You can get one from <https://platform.openai.com/account/org-settings>

**Personality**  
tiny\_ai | personality

Undergraduate Lecturer  Default: Undergraduate Lecturer

Select the personality of the AI content generator.

[Save changes](#)

## Provider Plugins

- OpenAI API
- Midjourney
- Stable Diffusion
- Gemini

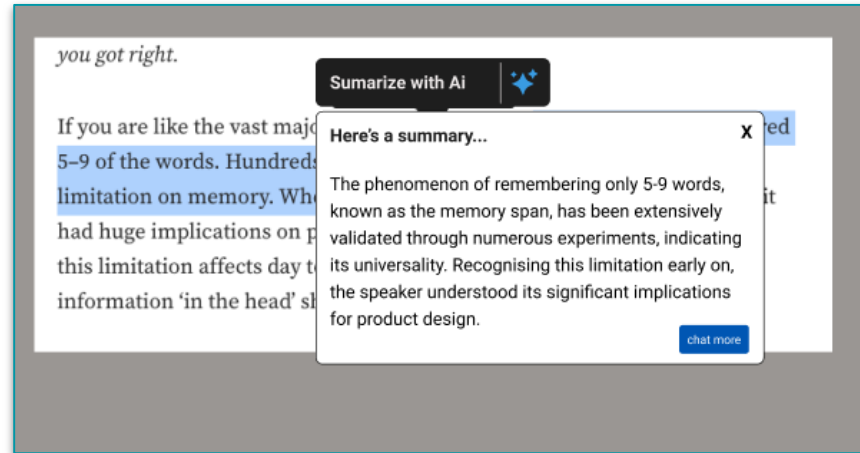
## AI API Interface

- Authentication
- API comms
- Error Handling



# What is First?

Summarise or Explain Content



The screenshot shows a chat interface with a text input area containing the following text: "you got right. If you are like the vast majority of people, you can only remember 5-9 of the words. Hundreds of studies have confirmed this limitation on memory. Why this limitation has had huge implications on product design. This limitation affects day to day life. The speaker understood its significant implications for product design." The text "5-9 of the words. Hundreds of studies have confirmed this limitation on memory. Why" is highlighted in blue. A dark button labeled "Summarize with AI" with a star icon is positioned above the highlighted text. A white summary box is open, displaying the text: "Here's a summary... The phenomenon of remembering only 5-9 words, known as the memory span, has been extensively validated through numerous experiments, indicating its universality. Recognising this limitation early on, the speaker understood its significant implications for product design." The summary box includes a close button (x) and a "chat more" button.

# When?

- Initial Functionality 4.5
- Progressive Rollout
- Prototype Site (Coming Soon)

# Development Themes

- 1 Unlocking Creativity
- 2 Facilitating Collaboration
- 3 Optimising Outcomes

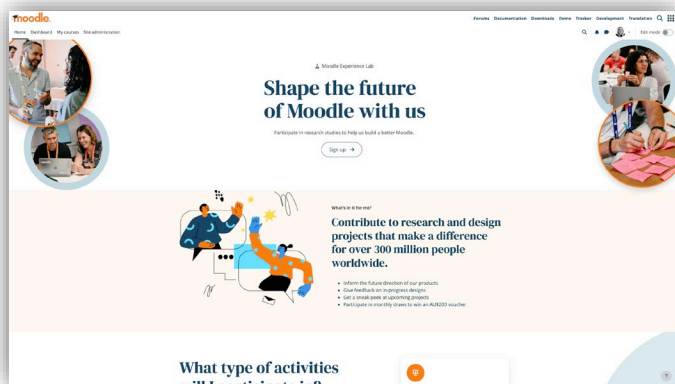
The background is a solid dark blue color. There are decorative elements: a solid orange circle on the left edge, and two orange dashed lines that are parts of larger circles, one in the top left and one on the right side.

# Final thoughts

**You are invited!**

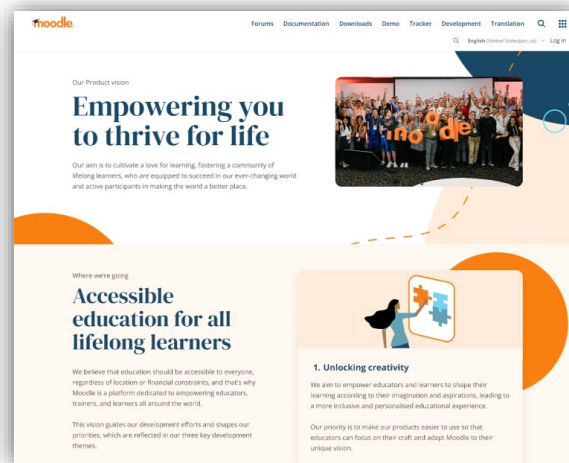
# Help us shape the future of Moodle

## Join the Moodle Experience Lab



[moodle.org /experienclab](https://moodle.org/experienclab)

## Add your voice to the Product Advisory Group



# Come to MoodleMoot Global



22-24 October

Mérida, México



