

**Title:** Sketch out and analyze architecture of Moodle cloud portal and moodle cloud site and create different entities dynamically.

**Description:**

**Moodle**

Moodle is a free, online Learning Management system enabling educators to create their own private website filled with dynamic courses that extend learning, anytime, anywhere.

Whether you're a teacher, student or administrator, Moodle can meet your needs. Moodle's extremely customisable core comes with many standard features. Take a look at a highlight of Moodle's core features below and download the file [Moodle features for students](#) (pdf) comparing the LMS, Moodle app and offline features.

**Key Features:**

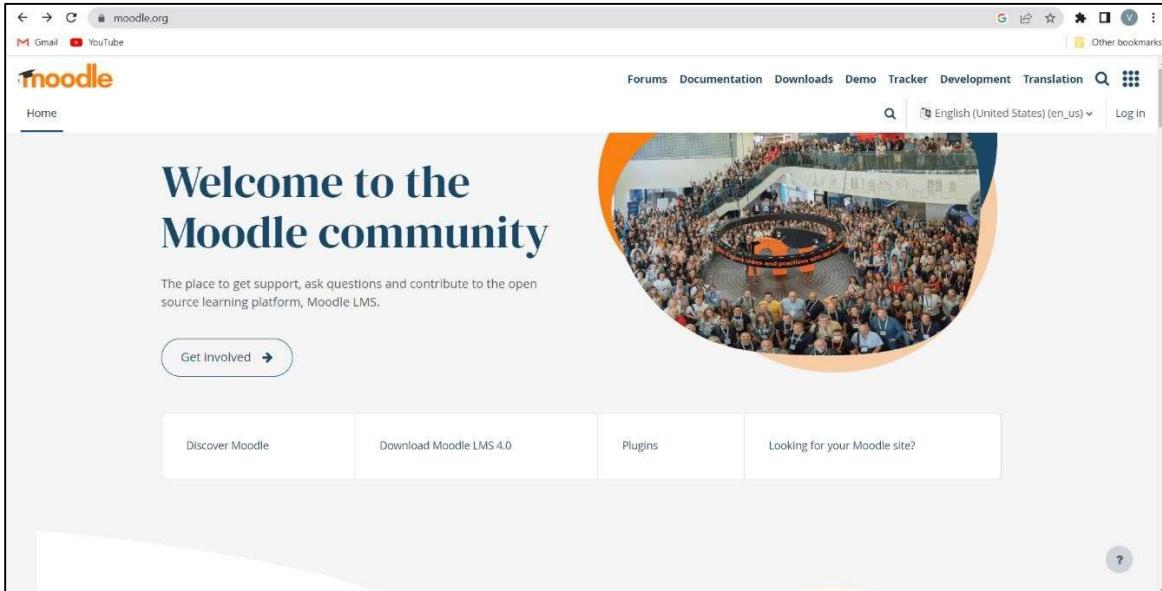
- Modern, easy to use interface
- Collaborative tools and activities
- Track progress
- Bulk course creation and easy backup

**Steps :**

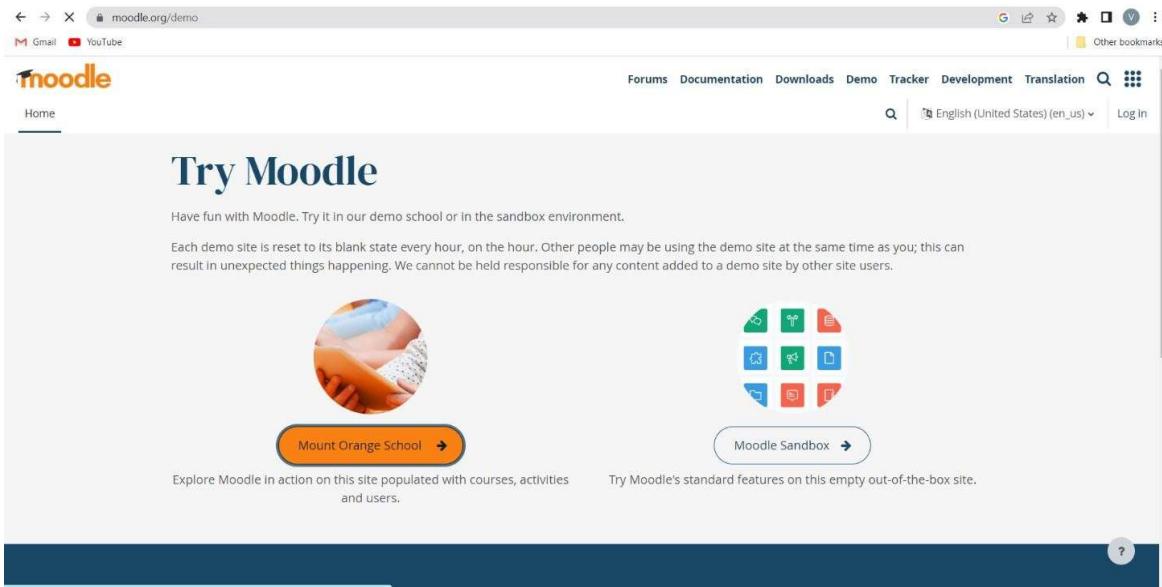
- Go to <https://moodle.org/>
- To find documentation you can click on **Documentation** Tab
- On Main Page there is a **Demo** Section, click to open it
- To try moodle, click on Mount Orange School
- You will find two sections: **About Mount Orange & See Moodle in action**
- Click **choose a role** in **See Moodle in action**
- Now you will find different roles such Teacher, Student, Manager, Parent, etc
- In **Student** role, you can view Courses added by Teacher
- In **Teacher** role, you can edit courses and change the layouts of courses
- In **Manager** role, you can build, supervise and manage things

## Images :

### Main Page



## Demo



## Try Moodle

The screenshot shows the Moodle guest access landing page. At the top, there's a navigation bar with links for Gmail and YouTube, and a language dropdown set to English (United States). Below the navigation is a search bar and a link to 'Other bookmarks'. The main content area has a heading 'Choose a role' with a 'PAGE' icon. It includes sections for 'How do I use this site?', 'What if I break the site?', and 'Can I add my own activities and try them out with students?'. There are also tabs for 'Teacher', 'Student', 'Manager', 'Parent', 'Privacy officer', and 'Other user'. A note at the bottom says '... and get exploring!'.

## Teacher Role

The screenshot shows the Moodle teacher dashboard. At the top, it displays a welcome message 'Welcome back, Jeffrey! 🎉'. Below this is a 'Course overview' section with a grid of six course thumbnails. The courses are: 'Mindful course creation Mount Orange Community' (21% complete), 'Moodle and Mountaineering Physical Education', 'Celebrating Cultures Society and Environment', 'Class and Conflict in World Cinema Art and Media', 'Digital Literacy Art and Media', and 'English with HSP Languages'. The bottom part of the screenshot shows a detailed view of the 'Mindful course creation' course, with tabs for Course, Settings, Participants, Grades, Reports, and More. A section titled '... and breathe!' provides information about creating a mindful course experience. At the bottom, there's a 'FORUM Course noticeboard' button and a 'To do: View' link.

## Editable Mode

The screenshot shows the Moodle 4.0 interface in Editable Mode. The title is "Mindful course creation". The "General" section is expanded, showing a summary box with the text "... and breathe!" and a rich text editor toolbar. A "Summary" box contains a placeholder image of a person in front of bookshelves.

## Student Role

The screenshot shows the Moodle 4.0 interface in Student Role. The title is "Mindful course creation". The left sidebar shows a navigation menu with sections like "... and breathe!", "Why this course?", "Mindful teaching", etc. The main content area shows the "... and breathe!" section with its summary and image, and a "FORUM Course noticeboard" block. On the right, there are two sidebar boxes: "Your teacher" (showing a profile for Mr J Sanders) and "Mindfulness terms" (listing "Resilience" and its definition).

## Manager Role

Two screenshots of a Moodle course management interface are shown side-by-side, illustrating the Manager role.

The top screenshot shows the course overview for Barbara. It displays six course cards:

- Mindful course creation (Mount Orange Community) - 42% complete
- Moodle and Mountaineering (Physical Education)
- Activity Examples (Moodle Resources)
- Celebrating Cultures (Society and Environment)
- Class and Conflict in World Cinema
- Digital Literacy (Art and Media)

The bottom screenshot shows the course overview for Anna. It displays one course card:

- Parents and Citizens Council (Mount Orange Community)

In both screenshots, the "New course" button is visible in the top right corner of the course overview area.

The screenshot shows the Moodle 'Add a new course' interface. At the top, the URL is school.moodledemo.net/course/edit.php?category=0. The page title is 'Courses / Art and Media / Manage courses and categories / Add a new course'. Below the title, the category 'Art and Media' is selected. There are tabs for 'Category', 'Settings', and 'More'. The main section is titled 'Add a new course'. A 'General' section is expanded, showing fields for 'Course full name' (Cloud Computing), 'Course short name' (CC), 'Course category' (Moodle Resources), and 'Course visibility' (Show). There are also 'Expand all' and '?' buttons.

## Display of New Course

The screenshot shows the Moodle course display page for 'Cloud Computing'. The URL is school.moodledemo.net/course/view.php?id=70. The page title is 'Cloud Computing'. The left sidebar lists course weeks from '9 November - 15 November' to '11 January - 17 January'. The main content area shows the 'General' section expanded, featuring a forum icon and the text 'FORUM Announcements'. Below this, three weeks are listed: '9 November - 15 November', '16 November - 22 November', and '23 November - 29 November'. There are also 'Collapse all' and '?' buttons.

**Websites Visited :**

Sr No	Name	URL
1	Moodle	<a href="https://moodle.org/">https://moodle.org/</a>

**Conclusion :** In this practical we learned about architecture of Moodle cloud portal and Moodle cloud site and understood process of creating different entities dynamically.