

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:

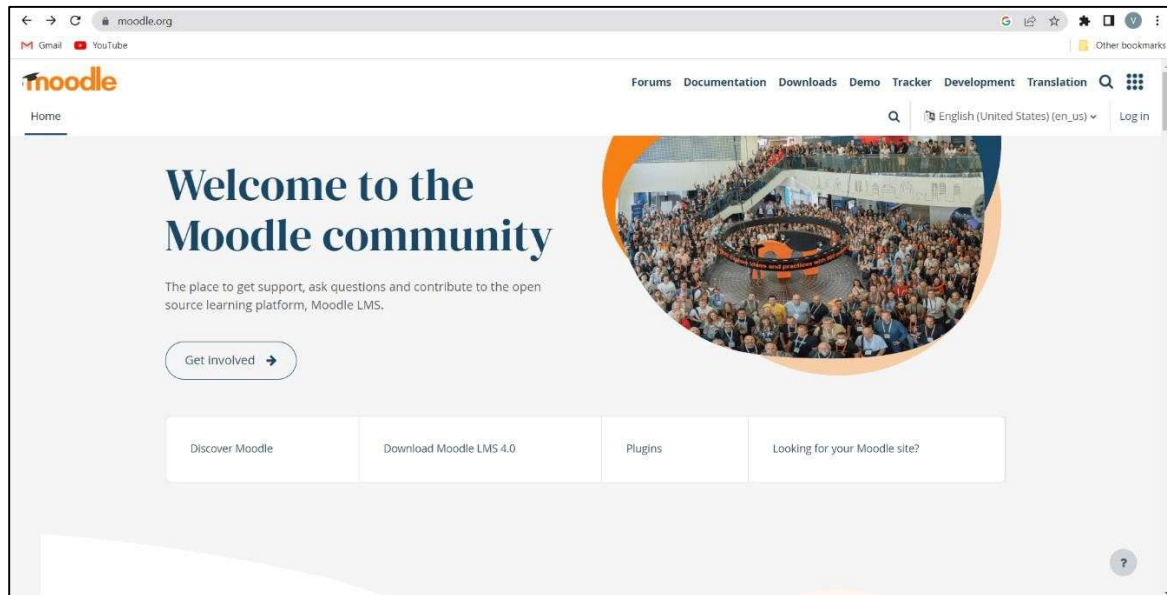
- Modern, easy to use interface
- Collaborative tools and activities
- Track progress
- Bulk course creation and easy backup

Steps :

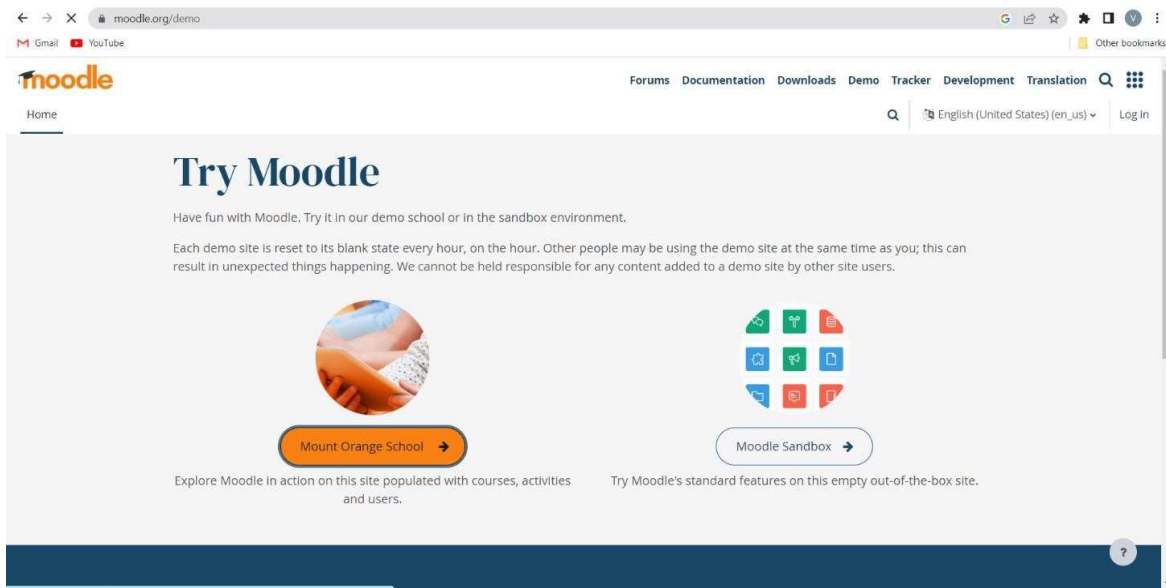
- Go to <https://moodle.org/>
- To find documentation you can click on **Documentation** Tab
- On Main Page there is a **Demo** Section, click to open it
- To try moodle, click on Mount Orange School
- You will find two sections: **About Mount Orange & See Moodle in action**
- Click **choose a role** 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 'Choose a role' page. At the top, there's a navigation bar with 'Mount Orange School' and 'Home'. Below this, a 'Site pages / Choose a role' breadcrumb is visible. The main heading is 'Choose a role'. A section titled 'How do I use this site?' explains that the purpose is to give a feel for how a real Moodle-using school operates, and that as a guest, users can only view courses. It mentions that the site is reset every hour. Below this, a 'Choose from:' section lists roles: Teacher, Student, Manager, Parent, Privacy officer, and Other user. A final section titled 'Can I add my own activities and try them out with students?' explains that with the teacher role, users can create activities and courses. The URL in the address bar is 'school.moodledemo.net/mod/page/view.php?id=44'.

Teacher Role

The first screenshot shows the 'My courses' page for a teacher. It features a 'Welcome back, Jeffrey!' message and a 'Course overview' section. The overview displays a grid of courses: 'Mindful course creation' (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 second screenshot shows the 'Mindful course creation' course page. It has a navigation bar with 'Course', 'Settings', 'Participants', 'Grades', 'Reports', and 'More'. A section titled '... and breathe!' includes a video of a woman speaking. Below the video is a 'FORUM Course noticeboard' section. The URL in the address bar is 'school.moodledemo.net/course/view.php?id=69'.

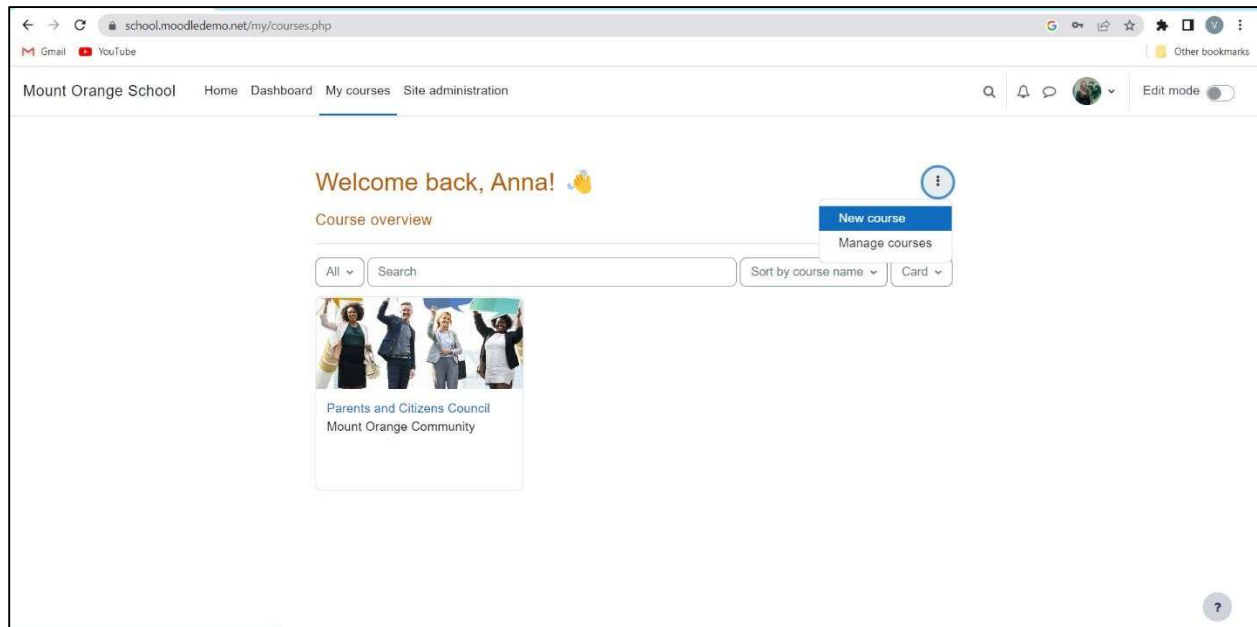
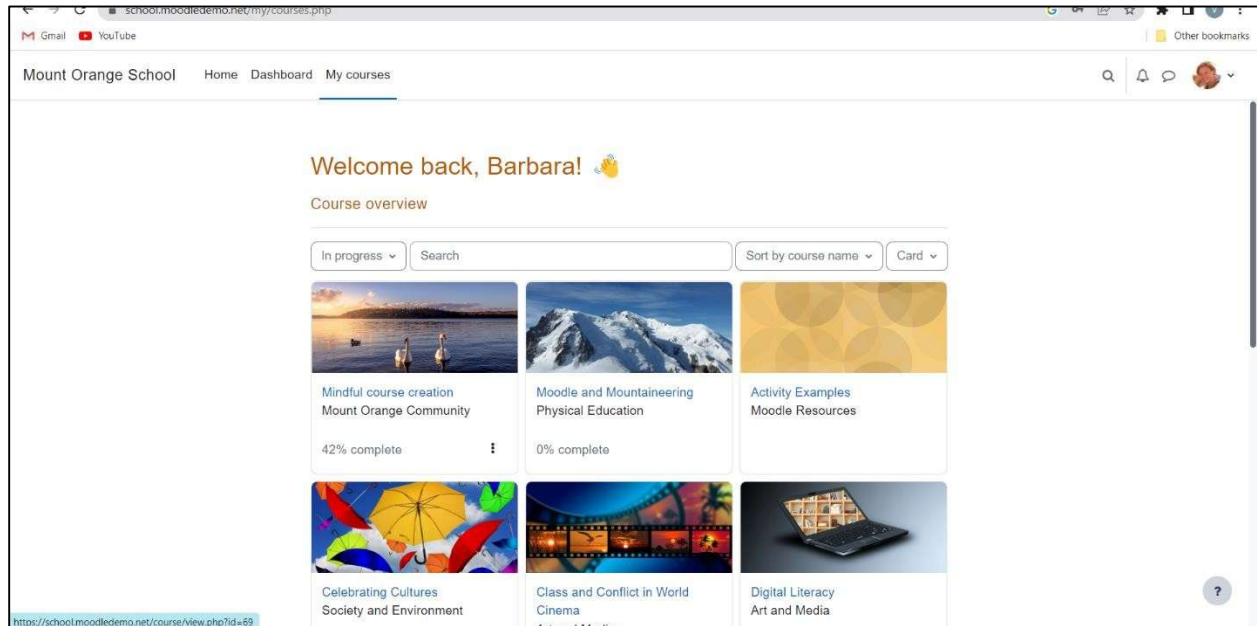
Editable Mode

The screenshot shows the Moodle interface for editing a course section titled "Mindful course creation". The page is in "Editable mode" as indicated by the toggle switch in the top right. The main content area is titled "Summary of ... and breathe!" and includes a "General" section with a "Section name" field containing "... and breathe!" and a "Summary" field containing the text "Create your course and give your learners a mindful, stress-free experience with the new features of Moodle 4.0." Below the summary field is a video player showing a woman in a white shirt standing in front of a bookshelf. The left sidebar contains a menu with options like "Course", "Settings", "Participants", "Grades", "Reports", and "More".

Student Role

The screenshot shows the Moodle interface for viewing a course section titled "Mindful course creation" as a student. The page is in "View" mode. The main content area is titled "Mindful course creation" and includes a "Summary" section with the text "Create your course and give your learners a mindful, stress-free experience with the new features of Moodle 4.0." Below the summary field is a video player showing a woman in a white shirt standing in front of a bookshelf. The left sidebar contains a menu with options like "Course noticeboard", "About this course", "Prior experience check", "Why this course?", "Help build our understand...", "Let's talk about stress!", "The Freiburg Mindfulness...", "The need for mindfulness", "Join us for our weekly liv...", "Mindful teaching", "What we as teachers can...", and "(Research paper) Mindfu...". The right sidebar contains a "Your teacher" section with a profile picture of Mr J Sanders, a "Mindfulness terms" section with the title "Resilience", and a "Forum" section with the title "Course noticeboard".

Manager Role



← → ↻ school.moodledemo.net/course/edit.php?category=0

Mount Orange School Home Dashboard My courses Site administration

Courses / Art and Media / Manage courses and categories / Add a new course

Art and Media

Category Settings More ▾

Add a new course

Expand all

▼ General

Course full name ⓘ ⓘ Cloud Computing

Course short name ⓘ ⓘ CC

Course category ⓘ ⓘ [Moodle Resources](#)

Search ▾

Course visibility ⓘ ⓘ Show ▾

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Display of New Course

← → ↻ school.moodledemo.net/course/view.php?id=70

Mount Orange School Home Dashboard My courses Site administration

✕

▼ General

Announcements

▼ 9 November - 15 November

▼ 16 November - 22 Novem...

▼ 23 November - 29 Novem...

▼ 30 November - 6 December

▼ 7 December - 13 December

▼ 14 December - 20 Decem...

▼ 21 December - 27 Decem...

▼ 28 December - 3 January

▼ 4 January - 10 January


▼ 11 January - 17 January

Cloud Computing

Course Settings Participants Grades Reports More ▾

▼ General

Collapse all

 FORUM Announcements

▼ 9 November - 15 November

▼ 16 November - 22 November

▼ 23 November - 29 November

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Websites Visited :

Sr No	Name	URL
1	Moodle	https://moodle.org/

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