

## IMPLEMENTATION OF MOODLE LEARNING MANAGEMENT SYSTEM SCOPE OF WORK

No	Task	Explanation
1	Installation of Moodle LMS on the infrastructure provided by NID and configuration of Campuses, programmes and discipline structure and provision to add in future	To implement the courses and categories in all 3 campuses.
2	Timetable management including attendance (sample of Animation Film Design 3rd Semester, all discipline semester wise timetable should be configured.)	Recommended design of calendar will not be configured in Moodle. Moodle calendar will showcase the timelines of activities. Also, users will get the deadline communications in the email configured with their profile fields. This will be demonstrated to the client before signing off.
3	Integration with Realtime video communication system like Zoom	Fine. We will need premium Zoom account for setting this up. Also, client will need to provide URL, Secret etc for successful integration of Zoom with Moodle.
4	Integration with whiteboard like live jam, Miro board and ect	As these are third party applications which client has mentioned. This will be configured using URL activity type.
5	Multiple faculties management on single courses	Fine.
6	Visiting Faculties management	We will need to create custom role in Moodle for visiting faculties. Need to understand what all permissions visiting faculty will have and also need to understand workflow.
7	Communication among module participants in the form of email, blogging, commenting and feedback	Need to showcase following features to client : Forums, Wiki, Blog, Feedback and Survey
8	system of user accounts with an advanced access level system	This will involve custom roles development. We need the list of roles required alongwith clear expectations on what all things people with specific roles can do.

9	A knowledge base about the module content	Demonstrate Glossary feature and how it can be included in multiple courses. This will be done using Glossary activity
10	Shall include day-to-day updating and publishing of content of all existing pages and designing new pages as per the requirement of the institute	Faculty shall be trained to update the content.
11	Add/Remove/Modify features in the Content Management System (CMS) of the website (as and when required).	This is fine within the Moodle framework and with default features of Moodle.
12	Reporting systems include dashboard which provide analytics	Need to showcase the options available and seek their approval : Activity completion reports, progress bar, ranking block, XP block, Edwiser reports plugin etc.
13	In built players to enable previewing before download	Need to clarify on the file types to be used. Google Suite integration alongwith default Moodle features.
14	System can host at NID data centre, NID will provide required VM and storage for same	It shall be Ubuntu 20.04 LTS version with public IP configured + SMTP server for email notifications. Also, access control shall be in place to ensure that SSH is accessible by Team Nomad only.
15	Coordination with the Data Centre Team for resolving the server related problems/issues, as and when required. Updating the web/application/database servers including installation and configuration of patches and removing security vulnerabilities.	As Moodle will be deployed on the required server by us. It will be encouraged that all the app level and server level changes shall be done by us only. Random changes by any third party or none Moodle expert can result in performance issues and Team Nomad will not be accountable for any such happening.
16	Responsible to provide Root Cause Analysis (RCA) for any system down time/failure happens	Root cause analysis can be provided only when it will be clarified that Team Nomad will be handling the ecosystem end to end. Also, in case of any major event planning : We shall be communicated at least 7 days in advance to ensure servers shall be properly scaled up for optimum performance.
17	Regular Updating of Moodle framework	Upgrade will be carried out based on the requirement and stability of the new version