

# hugoTECHNO

Virtual Classroom and LMS



## Product Specification

Learning Management System	HT-VSC-300
Secure platform access	Software used a secure encrypted session with SSL Security to provide secure access of platform.
Instruction Design	Able to create online assignments, Organize text, resources, quizzes, tests, organize interactive lesson using media and other content onto a single page to fit the needs of a given lesson, post a summary outline of course requirements, Create and manage online assessments using robust toolset: closed and openended questions, matching, question pools, set point value, auto-grading, statistics & timed assessments with high level of encryption.
Mobile Application & User Interface	Android & iOS supported Mobile App where Teacher can assign activities, Student can join live class, do the assignments and Teacher can evaluate it. Optimized for desktop, tablet, and mobile user experience, navigation bar and a simplified process for managing favourites sites, screen-reader compatibility & inbuilt font libraries. Rich text pop up notifications for users
Industry Standard Reporting Integration capabilities	Sharable Content Object Reference Model (SCORM), API integration with major LMS's. like Moodle that allows Moodle courses to show up as folders within the LMS solution and data of moodle should be Imported/exported to and from LMS platform.
Optimal Assessment	Globus Virtual Classroom Solution comes with intelligent built in capability for dynamic bandwidth, resolution matching to give each user maximum utilization for his available bandwidth.
Communication Tool	Able to schedule and maintain time deadlines, activities and events related to a course, project and connect to web link related to announcements, assignments, assessments, materials, etc. Supports Online chat tool, built in Online discussion forum for participants, Create and manage email list for invites, messaging to



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	individual/groups etc.
Cloud Storage and Parents Interface	Capability to track the attendance and progress of students. Provided with up to 15GB of cloud storage for each licence and with a validity of three years for the platform.
Reporting	Learning Management Solution provides student Grade Summary with integrated Teacher Review Mode, Simplified and consolidated Import/Export process of reports, student competency module, live log reports & automated scorecard, Session attendance of Students. menu bar with categorized menu items with separate tabs to organize a defined lesson
Admin Interface & Teacher Interface	LMS define groups for the purposes of communication, grading, permissions, collaboration, assigning work or assessments, delegate administrative controls to staff members, grant site access and privileges to users. Ability to Manage approval of registration, Create Teacher/ Admin Accounts, send notifications, create courses, create learning material badges/certificates for learner/teacher appreciation, Track learners' performance, Upload and view course content, Content Type video, audio, document (ppt, pdf, word, text, ppt) and weblink. Option to upload bulk database of Students & Teachers. LMS able to produce and manage lesson plans, upload and view course content, upload and play HTML file, track learners performance, view / edit profile, add videos, send/check notification for upcoming events, maintain tasking, get information about course statistics and progress, publishing events in calendar, use dynamic calendar where user view all the activities at a glance, design and set quiz tests and view online activities. Teacher able to publish the lesson to class once prepared. Once the lesson is published any changes made to the lessons by the teacher automatically reflected to the students. Entire class get notification and able to access the lessons published by the teacher on their devices or on



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	<p>browser. VC Camera with Full HD Display 4K Ultra HD Face Recognition</p> <p>Teacher Tracking Camera Server Speaker cum Microphone Cloud Server</p>
Server based Virtual Classroom Solution	<p>Live Video &amp; Audio Collaboration feature with two-way communication between Teacher and Students in Live Classroom and should have feature to manage resolution for effective bandwidth utilization. Capable to connect up to 100 Learners in a live classroom. By rotation, any participant should be able to be brought on main screen for everyone else to view up to 20 speaker videos simultaneously. there should be provision for room chats, private chat, raise hand, participants mute/unmute, video enable/disable, Lecture capturing/ session recording and breakout rooms. Inbuilt Whiteboard with options like pen, eraser, Highlighter, Text input, Shapes, Live picture input etc. Inbuilt locking tool for live classroom. Instant recording on cloud: Recording saved once live class is finished. In-Built Video editing Tool. Inbuilt device management tool to manage webcam, mic and speaker in live class. YouTube Integration and Host can create the playlist via YouTube. (Integrated YouTube search to find public and unlisted YouTube videos and share them in class for synchronous playback). Inbuilt Breakout Room option: Create breakout rooms during the Live class and manually assign Learners to rooms. Option for Host to turn on and off microphone &amp; camera of all the participants at the same time. Option for Host to turn on/off only microphone/camera of any Learners, option for Host to hide the learners webcam in live classroom, option for Instructors to allow participants to share their screens, writing controls, chat, Notes, Play shared files, option to Create &amp; import the quizzes in live classroom, Full screen mode for learner &amp; Host</p>
Online Assessment	<p>Reporting capabilities, including the ability to see all assessment submissions of individual students, Sections, groups with specific timelines (e.g., due date, time</p>



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	<p>to complete the assessment, etc.) Online Proctored test provision to Conduct Highly Secure online examinations to identify any suspicious behaviour detected during the test Question bank, question &amp; answer shuffling option, select random question, multiple choice, true false, drag and drop, marker, calculations, objective and subjective type questions, numerical questions &amp; select missing word.</p>
<p>Devices used in Virtual Classroom</p>	<p>VC Camera with Full HD Display, 4K Ultra HD Face Recognition, Teacher Tracking Camer , Server, Speaker cum Microphone, Cloud Server</p>



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