Product Name	eFront	Moodle 1.9
Developer Name	Epignosis LTD	Moodle
Communication Tools		
Discussion Forum	Students can enable or disable posts to be sent to their email.	Students can enable or disable posts to be sent to their email. Students can receive posts by email as daily digests of subject lines or whole posts. Students can subscribe to forum RSS feeds. A spell-checker is available for student and instructor responses. There are many other features and configurations of forums than are listed here.
Discussion Management		Instructors can allow students to create discussion groups. Instructors can set up moderated discussions where all posts are screened. Posts may be peer reviewed by other students. Instructors can view statistical summaries of discussions displaying participation which can be used to generate grades. Discussions can be shared across courses, departments, or any institutional unit.
File Exchange	Students can submit assignments using drop boxes. Students can share the contents of their personal folders with other students. Administrators can define disk space limitations for each user.	Students can submit assignments using drop boxes.
Internal Email	Students can use the built-in email functionality to email individuals or groups. Students can use a searchable address book. Instructors can email the entire class at once at a single address or alias. Students can elect to forward their mail to an external address.	Students can use the built-in email functionality to email individuals or groups. Students can use a searchable address book. Students can elect to forward their mail to an external address.
Online Journal/Notes	Students can attach notes to any page. Students can combine their notes with the course content to create a printable study guide.	
Real-time Chat	The chat tool supports unlimited simultaneous group discussions The system creates archive logs for all chat rooms.	The chat tool supports a limited number of simultaneous rooms. The chat tool supports unlimited simultaneous group discussions Students can create new rooms. Instructors may moderate chats and suspend students from the chat rooms. The system creates archive logs for all chat rooms.

Whiteboard	Through integration with DimDim	It can supported by adding available 3rd party modules for Dim Dim, Elluminate or other products.
Productivity Tools		
Bookmarks	Students can bookmark any content material in a course.	
Calendar/Progress Review	Instructors and students can post events in the online course calendar. Instructors can post announcements to a course announcement page. Students have a personal home page that lists all courses in which the student is enrolled, new email and all course and system-wide events from their personal calendar. Students can view their grades on completed assignments, total points possible, course grade, and compare their grades against the class performance.	Instructors and students can post events in the online course calendar. Instructors can post announcements to a course announcement page. Students have a personal home page that lists all courses in which the student is enrolled, new email and all course and system-wide events from their personal calendar. Students can view their grades on completed assignments, total points possible, course grade, and compare their grades against the class performance. Students can subscribe to RSS feeds to be notified of changes to materials.
Searching Within Course	Students can search all course content. Students can search all discussion threads.	Students can search all discussion threads. Students can search chat or virtual classroom session recordings.
Work Offline/Synchronize	Students can compile and download the content for an entire course into a format that can be printed or stored locally. Content can be exported or printed	
Orientation/Help	The system includes online tutorials for students that help students learn how to use the system.	Students can access context sensitive help for any tool. The system includes online tutorials for students that help students learn how to use the system.
Student Involvement Tools		
Groupwork	Instructors can assign students to groups.	Instructors can assign students to groups. The system can randomly create groups of a certain size or a set number of groups. Students can self-select groups. Each group can have its own discussion forum. Each group can have its own chat or whiteboard. Each group can be given group-specific assignments or activities. Groups may be private or instructors can monitor groups.
Community Networking	Students from different courses can interact in system-wide chat rooms or discussion forums. The administrator can create global discussion forums that are available to all system users.	Students can create online clubs, interest, and study groups at the system level. Students from different courses can interact in system-wide chat rooms or discussion forums.

Student Portfolios	Students can create a personal home page in each course. Students can use their personal home page to selectively display their course work. Students can arrange the components on each lesson's first page through drag-and-drop	
Administration Tools		
Authentication	The system can authenticate against an external LDAP server. Administrators can set up fail-through authentication against a secondary source (e.g. the system's own database) in the event that the primary source (e.g. LDAP server) fails. The system can support multiple organizational units and virtual hosts within a server configuration.	Administrators can allow guest access to all courses. The system can authenticate against an external LDAP server. The system can authenticate using the Kerberos protocol. The system supports Shibboleth. The system supports the Central Authentication Service (CAS). The system can authenticate against IMAP, POP3 or secure NNTP. Administrators can set up fail-through authentication against a secondary source (e.g. the system's own database) in the event that the primary source (e.g. LDAP server) fails. The system can support multiple organizational units and virtual hosts within a server configuration.
Course Authorization	The system supports restricting access based on roles and roles can also be customizedby the service provider. Administrators can create an unlimited number of custom organizational units and roles with specific access privileges to course content and tools. Instructors or students may be assigned different roles in different courses.	The system supports restricting access based on roles and roles can also be customizedby the service provider. Administrators can create an unlimited number of custom organizational units and roles with specific access privileges to course content and tools. Administrators can distribute the permissions and roles across multiple institutions or departments hosted in the server environment. Instructors or students may be assigned different roles in different courses.
Registration Integration	Instructors can add students to their courses manually or allow students to self-register. Administrators can batch add students to the system using a delimited text file. The software supports data interchange with student information systems through an event-driven API.	Instructors can add students to their courses manually or allow students to self-register. Administrators can batch add students to the system using a delimited text file. Administrators can transfer student information bidirectionally between the system and an SIS using delimited text files. Administrators can transfer student information bidirectionally between the system and an SIS using IMS Enterprise Specification v1.1 XML files via web services.

		The software supports data interchange with student information systems through an event-driven API. The software supports integration with SCT Banner, SCT Luminis, Datatel, PeopleSoft 8 or customized integration with other SIS or portal systems. The software is compliant with the IMS Enterprise Specification for Student Data.
Hosted Services	The product provider offers a hosted solution. Hosting and support services from Commercial Affiliates. Offers several hosting plans	Hosting and support services from Commercial Affiliates. Moodle itself is FREE to use, but optional hosting services are provided by Moodle Partners.
Course Delivery Tools		
Test Types	Multiple choice Multiple answer Matching Fill-in the blank Short answer Survey questions Questions can contain other media elements (images, videos, audio)	Multiple choice Multiple answer Matching Ordering Jumbled sentence Calculated Fill-in the blank Short answer Survey questions Essay Questions can contain other media elements (images, videos, audio) Custom question types can be defined.
Automated Testing Management	The system can randomize the questions and answers. Instructors can create self-assessments. Instructors can set a time limit on a test. Instructors can permit multiple attempts. The system supports a MathML editor for the inclusion of mathematical formulas in both questions and answers. Instructors can specify whether correct results are shown as feedback	The system can randomize the questions and answers. Instructors can create self-assessments. Instructors can set a time limit on a test. Instructors can permit multiple attempts. The students are allowed to review past attempts of a quiz. The system supports a MathML editor for the inclusion of mathematical formulas in both questions and answers. Instructors can specify whether correct results are shown as feedback The system supports proctored tests. The system supports Remote Quiz Protocol which allows questions to be rendered and scored externally to the system via standards-based web services.
Automated Testing Support	Instructors can create personal test banks. The system provides test analysis data.	Instructors can create personal test banks. Instructors can create system wide test banks. Questions can be imported from external test banks that support QTI. The system provides test analysis data.

Online Marking Tools		Instructors can choose to mark each student on all questions or to mark each question on all students. Instructors can choose to evaluate student responses anonymously. Instructors can enable students to rate and comment on submissions of other students.
Online Gradebook	Instructors can add details to the gradebook in custom columns. Instructors can export the scores in the gradebook to an external spreadsheet. Instructors can create a course grading scale that can employ either percents, letter grades, or pass/fail metrics.	When an instructor adds an assignment to the course, the software automatically adds it to the gradebook. Instructors can add grades for offline assignments. Instructors can add details to the gradebook in custom columns. Instructors can export the scores in the gradebook to an external spreadsheet. Instructors can create a course grading scale that can employ either percents, letter grades, or pass/fail metrics.
Course Management	Instructors can selectively release assignments, assessments, and announcements based on specific start and stop dates. Instructors can set up specific course content that is released on a specific date and must be completed by students before they continue with the course. Instructors can personalize access to specific course materials based on previous course activity. Instructors can personalize access to specific course materials based on student performance.	Instructors can selectively release assignments, assessments, and announcements based on specific start and stop dates. Instructors can personalize access to specific course materials based on group membership.
Student Tracking	Instructors can track the frequency and duration of student access to individual course components. Instructors can get reports showing the time and date and frequency students as an aggregated group accessed course content. Usage statistics can be aggregated across courses or across the institution.	Instructors can track the frequency and duration of student access to individual course components. Instructors can get reports showing the time and date and frequency students as an aggregated group accessed course content. Instructors can get reports showing the number of times, time, date, frequency and IP address of each student who accessed course content, discussion forums, course assessments, and assignments. Instructors can review the navigation record of each student. Usage statistics can be aggregated across courses or across the institution.
Content Development Tools		
Accessibility Compliance		The product provider self-reports that the software complies with Section 508 of the US Rehabilitation Act.

		The product provider self-reports that the software complies with the WAI WCAG 1.0 Level A guidelines.
Content Sharing/Reuse	Instructors can share content with other instructors and students through a central learning objects repository. File manager that allows user to upload and share files with others	Instructors can share content with other instructors and students through a central learning objects repository. The repository can be system-wide or for individual organizational units.
Course Templates	The system allows administrators to use an existing course or a pre-defined template as a basis for a new course. Content can be copied between courses. A course can be used as a template for future courses.	The software provides support for template-based course creation. Course content may be uploaded through WebDAV. The system allows administrators to use an existing course or a pre-defined template as a basis for a new course.
Customized Look and Feel	Instructors can change the order and name of menu items for a course. Institutions can create their own look and feel templates across the entire system, including their own institutional logos, headers, and footers. The interface is template driven. Each user can re-arrange the boxes on his own interface. Professors can activate/deactivate certain features.	The system provides default course look and feel templates. Instructors can change the navigation icons and color schemes for a course. Instructors can change the order and name of menu items for a course. Institutions can create their own look and feel templates across the entire system, including their own institutional logos, headers, and footers. The system can support multiple institutions, departments, schools or other organizational units on a single installation where each unit can apply its own look and feel templates as well as institutional images, headers and footers.
Instructional Design Tools	Instructors can organize learning objects, course tools, and content into learning sequences that are reusable. Instructors can create linear learning sequences organized hierarchically by course, lesson, and topic. Instructors can reuse courses as templates for future lessons.	Instructors can organize learning objects, course tools, and content into learning sequences that are reusable. Instructors can create linear learning sequences organized hierarchically by course, lesson, and topic. Instructors can reuse courses as templates for future lessons.
Instructional Standards Compliance	IMS Content Packaging 1.1.3 SCORM 1.2	AICC IMS Content Packaging 1.1.3 IMS Content Packaging 1.1.4 IMS QTI 1.2.1 IMS Enterprise 1.1 SCORM 1.2 SCORM 1.3
Hardware/Software		
Client Browser Required	IE 6+, FF 2+, Safari, Opera	
Database Requirements	The system supports MySQL.	The system supports Oracle.

	The application requires only one database and can coexist with tables from other applications.	The system supports MS SQL Server. The system supports MySQL. The system supports PostGreSQL. The application requires only one database and can coexist with tables from other applications.
UNIX Server	A Unix version is available.	A Unix version is available.
Windows Server	A Windows version is available.	A Windows version is available.
Company Details/Licensing		
Company Profile		Moodle Pty Ltd is the company that organises funding and pays for core development, support plus quality assurance, allowing a broad community to help work on any aspect they want to.
Costs / Licensing	An enterprise version exists.	Moodle is free and distributed under the GPL license.
Open Source	The software is distributed under one of the OSI-approved licenses.	The software is distributed under one of the OSI-approved licenses.
Optional Extras	The system integrates a modules system that can be used to extend it according to end-user needs	Moodle has a wide range of third-party modules that can extend functionality in different ways.