|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Criteria** | **ATutor** | **Moodle** | **Sakai** | **ILIAS** | **Claroline** | **Chamilo** | **OpenOLAT** | **Open edX** |
| Developer | Adaptive Technology Resource Centre, University of Toronto, Canada. Now GitHub | Moodle Pty Ltd,Australia | Apereo Foundation, USA | ILIAS Society,Cologne, Germany | Université catholique de Louvain (**Catholic University of Louvain), Belgium.** **Available from Github**Claroline is now financially supported by the Walloon Region, Belgium for its development through the WIST programme | Chamilo Association, Spain | **frentix, GmbH** | **edX Inc., USA** |
| Database | My SQL, PostgreSQL | My SQL, PostgreSQL | MySQL, Oracle, MariaDB | MySQL / MariaDB | MySQL/MariaDB  | MySQL/MariaDB  | MySQL and Postgres |  |
| Web Server | Apache, IISLighttpdAbyssJana-Server | Apache, IIS | Apache | Apache  | ApacheNginx  | Apache, IIS | Apache |  |
| Operating System | Windows, Linux | Windows, LinuxMac | Windows, LinuxMac | Windows, LinuxMac | Windows, LinuxMac | Windows, Linux, Mac  | Windows, Mac OS X and Linux |  |
| Programming language | PHP | PHP | PHP | PHP | PHP | PHP | Java |  |
| Versions | First version 1; Year: 2002Latest version: 2.2.4 ; Year: 2018 | Version 1: August 2002Latest version: 3.11 (Total major releases: 33, Minor releases 310) | Version 1: 2004 Version 21: 2021 (Total 18 major releases. No information on minor releases) Total releases as on October 2019 is 63.  | Latest: version 7.2 on 25 June 2021First version: November 2, 1998(Total 30 minor and 27 major versions) | 1st version. 2000Latest version: 12.5 / 19 November 2019  | 1st version 2010Latest version: 1.11.16 published in 2021(6 major versions; 21 minor versions) | Version 1, i.e. OpenOLAT 8.0 in 2011 Latest ver.16.0.1 in 2021 (29 versions both minor and major versions) |  |
| License | GNU General PublicLicense | GNU General PublicLicense |  [Educational Community License](https://en.wikipedia.org/wiki/Educational_Community_License) | GNU General Public License (GPL) | GNU General PublicLicense | GNU General PublicLicense | Apache license |  |
| **Support**interoperability standards**Support SCORM**  for the exchange of contents | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **LTI support** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Enrolment** | Manual, bulk, self | Manual, bulk, self | Manual and automatic | Manual and automatic |  | Manual and automaticbulk, individual and self | Manual and automaticbulk, individual and self |  |
| **Student grouping** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Learning path** |  | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Course backup** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Personalization****(** customizable portal page, that users can personalize and adjust to their liking)/ Personal setiings preference | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Ability to set up different User roles** | Yea | Yes | Yes | Yes | Yes | Yes | Yes |  |
| Course content delivery formats | Plain text, html, images, and videos | Plain text, html, images, and videos | Plain text, html, images, and videos | text, images, and videos | text, images, and videos | Text, images, and videos | Text, images, video, and audio |  |
| **Attendance** | No | Yes | Yes | Yes |  | Yes | Yes |  |
| **Certificate** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Grade book** | Yes | Yes | Yes | No |  | Yes | No |  |
| **Assignment** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Files** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Folder** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **External links** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Forum** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Chat** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Lesson/Content** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Survey/Poll** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Polls** | Yes | Yes | Yes | Yes |  |  |  |  |
| **Glossary /Dictionary** | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| **Wiki** | Yes | Yes | Yes | Yes | Yes | Yes | Yes |  |
| **Video Conferencing** | Yes. Adobe ConnectBBB Open meeting | BBB, Open meetingAdobe Connect,ZoomWebexJitsi MeetGoToMeeting | YesZoomBBOpen meetingAdobe Connect,WebexGoToMeeting | YesBBBOpen meetingAdobe ConnectZoomWebexGoToMeeting | Yes | Yes.BBB & Open meetingZoomGoTo Meeting | YesBBB, Open meetingAdobe Connect,GoTo Meeting,MS teamsVitero GmbH |  |
| Creategroups of students |  | Yes |  | Yes | Yes | Yes | Yes |  |
| **Quiz/Exercise/Test** | Yes | Yes | yes | Yes | Yes | Yes | Yes |  |
| Question bank/Pool | Yes | Yes | yes | Yes |  | Yes | Yes |  |
| Email | Yes | Yes | Yes | Yes |  | Yes | yes |  |
| Announcements ( Organize) | Yes | Yes | Yes | Yes | Yes | Yes | yes |  |
| **Calendar**( Organize) | Yes | Yes | Yes | Yes | Yes | Yes | yes |  |
| Course progress | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| User activity statistics /Site statistics | Yes | Yes | Yes |  |  | Yes | Yes |  |
| LMS Users and Statistics | No | Available | No | No |  | Available | Yes |  |
| **Community support** | Yes. Not very active | Yes | Yes | Yes | Yes. Very limited | Yes | Yes |  |
| **Documentation support** | Yes- Not comprehensive  | Yes | Yes | Yes. Incomplete | Incomplete, outdated.Most of the supporting materials are in French | Yes. Limited | Yes. Not updated as per the latest version |  |
| **Video tutorials** | No | Yes | No | No | Very limited | Yes. Limited. Majority in Spanish | Yes. In German |  |
| **Demo site** | Not functional | Yes | Yes | Yes | In french | Yes. In Spanish and English | Yes. In German |  |
| Context-sensitive help( through a link to the respective topic in the manual while using a tool**)** | Yes | Yes | Yes | Yes | Yes | No | Yes |  |
| Professional service providers | No | Yes(Indian-based also) | Yes(No Indian based) | Yes(No Indian based. Only Europe) |  | YesFive one from India (Europe and Latin American) | No |  |
| Third Party Integrations/ External tools | Yes | Yes | Yes | Yes |  | Yes | Yes |  |
| Plugins/Community/Third party developed tools | Yes (Known as modules) | Yes | Yes | Yes |  | Yes | Yes |  |
| Types of Customers |  | SchoolsCollegesCommercial | Universities | SchoolsCollegesCommercial |  | schools, colleges, universities, non-governmental organizations, and various types of businesses | SchoolsCollegesCommercial |  |
| Organizations using LMS | Not available | Yes | 243 | Not available | No updated information | No updated information. The provided information is as on 2014 | Not available |  |
| Remarks | Does not have the same large community as Moodle. Having a smaller end user community and less documentation than the more popular systems also raises the threshold to engage with such as system.ATutor is known for its accessibility features. It supports low Internet bandwidth and old browsers. Also, disabled people have the facility to access the system with the support of assistive technologies.  |  |  | Paid professional support  | There are 2 versions of this platform:* **Standard Claroline (Free Open Source Version )**
* **Claroline Connect (Paid Version)**

**little community of users in Spanish that it has** , which makes it very difficult to know this platform.The starting language of system was French, consequently using English on the second language |  |  |  |

**Comparison chart**

**ATUTOR:** Having a smaller end user community and less documentation than the more popular systems also raises the threshold to engage with such as system

**Greg Gay** ATutor came to life in the late 1990s, initially part of a graduate school project of mine, then shortly after becoming open source software – the idea was to make online learning acce

[**https://atutor.github.io/**](https://atutor.github.io/)

[**https://confluence.openolat.org/**](https://confluence.openolat.org/)

<https://www.claroline.com/>

<https://sourceforge.net/projects/claroline/>

<https://chamilo.org/es/>

<https://version.chamilo.org/stats/>

<https://github.com/OpenOLAT/OpenOLAT/releases>

Allows anyone to download the entire software for free

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