**Evaluation matrix**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **OSS LMS** | | | | | | | **Remarks** |
| **Criteria** | **ATutor** | **Chamilo** | **Ilias** | **Moodle** | **Open edX** | **Open OLAT** | **Sakai** |  |
| 1. **Common OSS functionalities** |  |  |  |  |  |  |  |  |
| A.1 Software Age / Seniority |  |  |  |  |  |  |  |  |
| A.1.1 Less than 5 years | **-** | **-** | **-** | **-** | **-** | **-** | **-** |  |
| A.1.2 Five to 10 years | **-** | **2** | **2** | **-** | **2** | **2** | **-** |  |
| A.1.3 Ten to 15 years | **-** | **-** | **-** | **-** | **-** | **-** | **3** |  |
| A.1.4 More than 15 years | **4** | **-** | **-** | **4** | **-** | **-** | **-** |  |
| A.2 Major Version Release Frequency |  |  |  |  |  |  |  |  |
| A.2.1 Once in two years |  |  |  |  |  |  |  |  |
| A.2.2 Between 1 and two years |  |  |  |  |  |  |  |  |
| A.2.3 Between 1 year and six months |  |  |  |  |  |  |  |  |
| A.2.4 Below six months |  |  |  |  |  |  |  |  |
| A.3 Minor Version Release Frequency |  |  |  |  |  |  |  |  |
| A.3.1 Once in six months |  |  |  |  |  |  |  |  |
| A.3.1 Between 3 and 6 months |  |  |  |  |  |  |  |  |
| A.3.1 Between 1 and 3 months |  |  |  |  |  |  |  |  |
| A.3.1 Below 1 month |  |  |  |  |  |  |  |  |
| A.4 Support |  |  |  |  |  |  |  |  |
| A.4.1 Active community |  |  |  |  |  |  |  |  |
| A.4.2 Demo site |  |  |  |  |  |  |  |  |
| A.4.3 Regional Service Providers |  |  |  |  |  |  |  |  |
| A.4.4 Updated User manuals |  |  |  |  |  |  |  |  |
| A.4.5 Video tutorial |  |  |  |  |  |  |  |  |
| **B. Teaching-Learning Functionalities** |  |  |  |  |  |  |  |  |
| B.1 Audio |  |  |  |  |  |  |  |  |
| B.2 Chat |  |  |  |  |  |  |  |  |
| B.3 Dictionary/ Glossary |  |  |  |  |  |  |  |  |
| B.4 External links |  |  |  |  |  |  |  |  |
| B.5 Files |  |  |  |  |  |  |  |  |
| B.6 Folder |  |  |  |  |  |  |  |  |
| B.7 Forum |  |  |  |  |  |  |  |  |
| B.8 Lesson |  |  |  |  |  |  |  |  |
| B.9 Quiz |  |  |  |  |  |  |  |  |
| B.10 Survey/Poll |  |  |  |  |  |  |  |  |
| B.11 Video |  |  |  |  |  |  |  |  |
| B.12 Videoconferencing (support) |  |  |  |  |  |  |  |  |
| B.13 Wiki |  |  |  |  |  |  |  |  |
| **C**. **LMS Management Functionalities** |  |  |  |  |  |  |  |  |
| C.1 Attendance |  |  |  |  |  |  |  |  |
| C.2 Bulk enrolment |  |  |  |  |  |  |  |  |
| C.3 Calendar |  |  |  |  |  |  |  |  |
| C.4 Certificate |  |  |  |  |  |  |  |  |
| C.5 Course back up |  |  |  |  |  |  |  |  |
| C.6 Course creation |  |  |  |  |  |  |  |  |
| C.7 Gradebook |  |  |  |  |  |  |  |  |
| C.8 Learning activity statistics |  |  |  |  |  |  |  |  |
| C.9 Learning path |  |  |  |  |  |  |  |  |
| C.10 LTI standard |  |  |  |  |  |  |  |  |
| C.11 Personal profile creation |  |  |  |  |  |  |  |  |
| C.12 SCORM standard |  |  |  |  |  |  |  |  |
| C.13 Self-enrolment |  |  |  |  |  |  |  |  |
| C.14 Student grouping |  |  |  |  |  |  |  |  |
| C.15 Study progress tracking |  |  |  |  |  |  |  |  |
| C.16 User role |  |  |  |  |  |  |  |  |