What is Course Management System (CMS) and Learning Management System (LMS)?

Course management systems (CMS) are online systems that were originally designed to support classroom learning in academic settings, such as universities and high schools.

Learning management systems (LMS) refers to software that primarily acts as an electronic registrar by electronically performing various enrollment and related tasks.

List the advantages of CMS and LMS.

1. Advantages of using CMS :

· Place course materials online. Most CMSs provide pre-programmed buttons for the course syllabus, course schedule, and course materials linked to specific lessons, such as copies of readings and PowerPoint slides from lectures.

· Track student progress through assessment features, which enable instructors to give quizzes and tests online, and an online gradebook, where instructors can post student grades.

· Discussion board, where instructors and students can discuss readings and continue class discussions between formal class sessions.

· Other communications tools, which let instructors send announcements to classes and communicate individually with students.

· Lock box for students, where students can store class materials in safe place—either a presentation to give later in class or backing up class assignments in a safe place.

· Course statistics, which provide information on the use of the course site, including who used the course site and when.

2. Advantages of using LMS :

·   for registration.

· track participation (classroom attendance, sign-ons and sign-offs of online courses).

· track of completions (including final scores or grades).

· for testing.

· follow-up discussions with participants.

· aggregated reports, such as the number of people registered for particular courses.

· transfer of information to other systems, such as human resource information systems.

· process charges for courses, such as tuition payments and transfer payments among departments.

· course catalog.

· skills management.

List the open source software for CMS and LMS.

1. Open source softwares for CMS.

- 1024cms 1.1.0 beta
- 11in1 1.1.0
- 4images 1.7.11
- Achievo 1.4.5
- AdaptCMS 2.0.3

2. Open source softwares for LMS.

- aTutor
- Canvas by Instructure
- Chamilo
- Claroline
- Dokeos