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EASIER
**European Knowledge Alliance for innovative education of Surgical and
Interventional skills**



D6.4 Complete LMS: Final Release

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Version control

Version	Date	Comment
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02	29/04/2020	Complete version
04	30/04/2021	Minor corrections



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1.- Easier Platform

The Easier Platform is a Learning Management System (LMS) built on Moodle, an open-source learning platform¹.

The platform was designed and developed to accommodate the needs and requirements, as these were described in Deliverable 3.3 “User Model” and Deliverable 5.1 “LMS Requirements and Design”. The platform is available at the following link: <http://easier-lms.cyric.io>. The landing page of Easier Platform is shown in Figure 1.



Figure 1 - Easier LMS Login Page

“Log in as a guest” provides a preview of the Easier LMS home page, but the platform’s main content it’s not available to guests.

In order to satisfy the need for multiple organizations operating independently inside the LMS, the platform was re-implemented using the Iomad Framework². Iomad offers multi-tenancy capabilities over the Moodle platform, and adds tools to the admin for handling easier the multiple tenants.

Deliverable 5.1 “LMS Requirements and Design” defined the type of platform users and what are the main requirements for each type. The latest version of the platform offers as per the specifications the following functionality to the end users:

- Administrators: Modify the aspects of the platform to ensure that the performance, security and resources of the platform meet the users’ needs
- Content Creators: Create actions and activities

¹ Moodle – <https://moodle.org>

² Iomad - <https://www.iomad.org/>

- Teachers:
 - Edit and create actions and activities
 - Monitor and assess the progress of students
 - Modify the learning itinerary of students
 - Monitor and assess the progress of students
- Students: Complete activities and actions, and see their performance and progress
- Institutions: Provide an institutional umbrella for activity creators, teachers and students

Figure 2 shows the admin view of the Easier LMS platform. The image captures the admin access that is offered from Iomad (Easier dashboard) which is not present in a normal Moodle implementation.

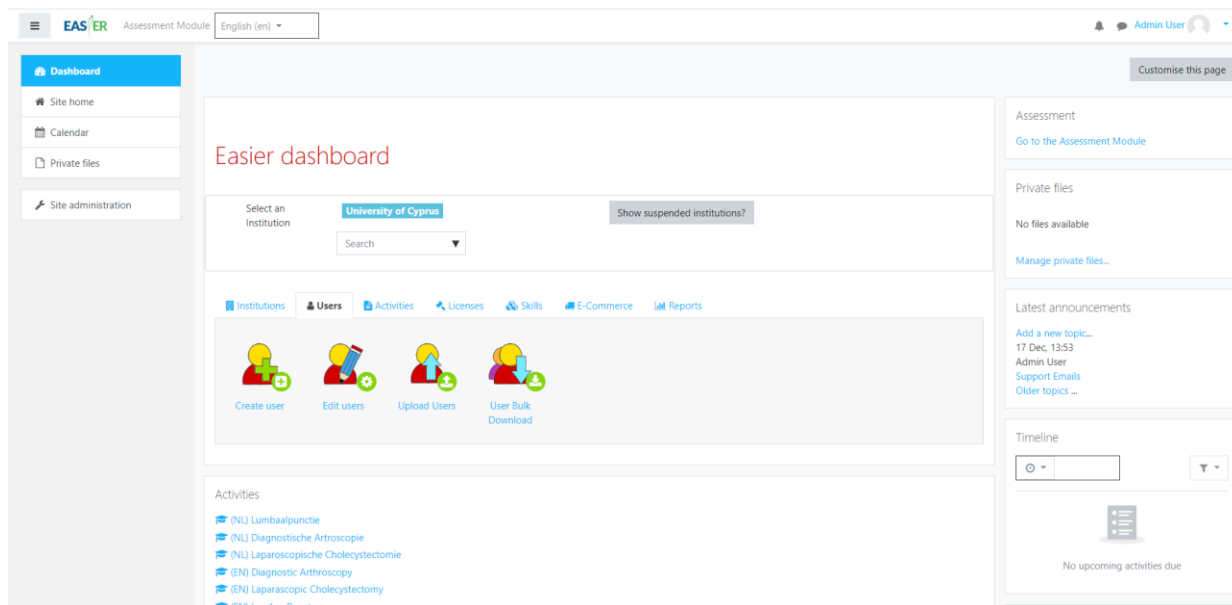


Figure 2 - Easier LMS

After the first version of Easier LMS platform, there were issues with the management of the platform. Due to the number of organisations providing different content on the platform, it was deemed necessary to enable individuality between organisations and to separate the content of each organisation's content creation team. The admin access of Iomad offers many tools for managing the site. For the purpose of the Easier LMS platform, we used the following functionality:

- Manage Institutions:
 - Create, edit, delete institutions
 - Create departments for each institution
 - Add department managers
 - Assign users to institution
- Manage User:
 - Create, edit, delete users
 - Upload users and bulk of users
- Manage Activities
 - Assign activity to institution
 - Create Course



- Enrol Users
- Assign and manage course groups
- Provide Learning Paths

