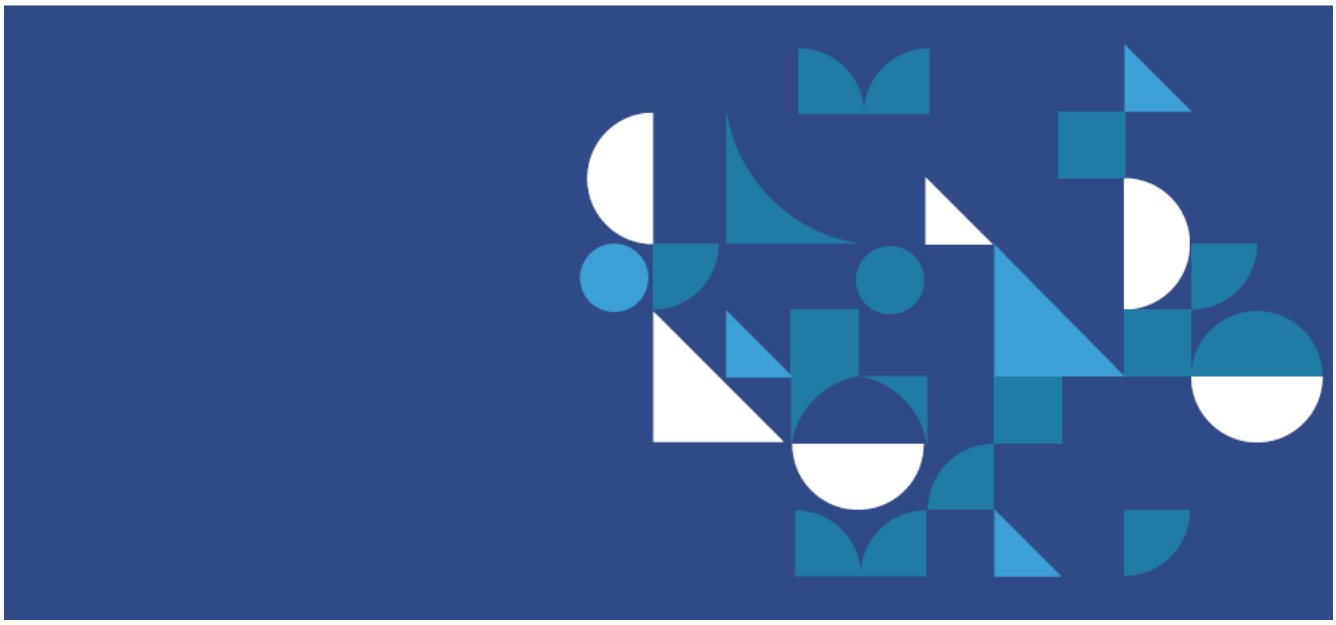
Industrial Engineering and Management of European Higher Education



Deliverable: FINAL VERSION OF THE E-LEARNING MODULES

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Note:

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OUTLINE

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Introduction

The purpose of this report is just to introduce the digital objects produced as the final delivery of the elearning modules created inside the IE3 project, after experiencing them throughout their usage in real environments (academic and professional), and after collecting the comments, the reflective analysis and the implementation of improvements. Coherently with the D4.3 of this project, it does include a single module developed by each academic partner of IE3, according the BoK framework and related to complementary but yet core areas of Industrial Engineering and Management. Therefore, the list of addressed modules are

- Machine Learning in Operations Management (backup-moodle2-course-3-**mlom**-*.mbz)
- IE3 Supply chain management (backup-moodle2-course-3-**ie3scm**-*.mbz)
- Lean Systems and Continuous Improvement (backup-moodle2-course-3-**ie3lsci**-*.mbz)
- IE3 Project Monitoring Module (backup-moodle2-course-3-**ie3pmm**-*.mbz)

Digital objects produced

The modules have been created in moodle platform v3.11[2]. As a consequence the Moodle XML binary compressed open format was selected to provide such digital objects. Since this is the default format to backup and restore moodle courses, the interested user just need to select the backup file for the course s/he wants to focus on, to download the mbz file and to upload it into his/her moodle platform.

In order to get this action done, the next figure shows the way moodle will upload the provided modules:

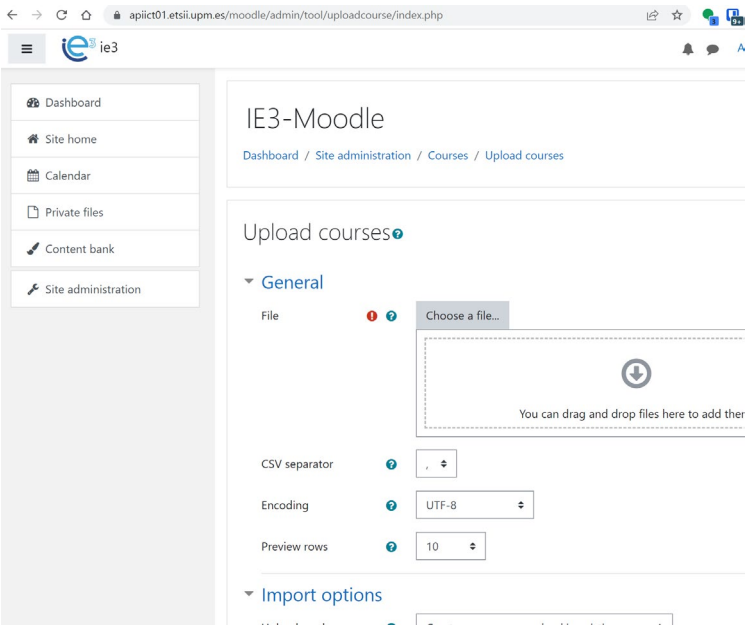

Figure 1.- Upload method for incorporating modules.

The process of importing will follow step by step through the tool screens guided by moodle itself, where the administrator must select the appropriate options according to the local rules enforced for such actions.

Of course, s/he must be aware that modules are rather large, so their moodle configuration (php file size enable for upload, etc.), must allow that uploading process, and this is not related to the provided modules at all.

References

[1] IE3 BoK, IE3 project. https://ie3.eu/wp-content/uploads/2021/03/Body-of-Knowledge.pdf, 2021.

[2] Moodle-Team, Moodle 3.11 release notes - MoodleDocs. docs.moodle.org. Retrieved 17 May 2021.

[3] IT of NTU, Overview: Moodle (.mbz) Backup Files. https://northcentral.teamdynamix.com/TDClient/1980/Portal/KB/ArticleDet?ID=86886