

# PARTISH

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## *Development of part-time and short cycle studies In higher education in Bosnia and Herzegovina*

### 3.4. Developed authoring tool

<b>Project Acronym:</b>	PARTISH
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<b>Abstract</b>	This report contains structured eLearning content and reusable authoring tool for course creators of PT and SCHE as service product and development of teaching material in a form of curricula and syllabi for pilot authoring group.
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## Table of contents

1. Authoring tool for PARTISH pilot programs	4
References	5

# 1. Authoring tool for PARTISH pilot programs

For the needs of pilot implementation of short programs at universities in Bosnia and Herzegovina, learning platforms, i.e. learning management systems, were developed. The consortium decided not to develop its own authoring tool, but to use well-developed and tested tools from the market.

“Authoring tools are software applications used to develop eLearning products. Authoring tools generally include the capabilities to create, edit, review, test, and configure eLearning. These tools support learning, education, and training by enabling using distributed eLearning that is cost efficient to produce, and that facilitates incorporating effective learning strategies and delivery technologies into the eLearning. Authoring tools range from advanced software to create a wide array of sophisticated applications (not limited to eLearning) to simple tools that convert instructional slides to web pages. In this regard, it is important to understand that some software tools used as authoring tools are not necessarily designed for the creation of eLearning specifically; they can be open-ended, multi-purpose tools designed to create, for instance, any kind of web page/site. But when developers use them to create eLearning, they are referred to as authoring tools” (Berking, 2016, p. 6).

Choosing eLearning authoring tools is one of the most crucial decisions any training organization, project, or developer can make. “Authoring tools are designed for particular styles of learning, delivery platforms, file formats, eLearning standards, and production workflows. If your organization chooses a tool or set of tools that is not optimized for your needs, you could waste a lot of time and money creating eLearning that does not function correctly within your training infrastructure or that is instructionally ineffective. Another critical factor in choosing tools—one that can make or break an organization’s training budget with costly conversions—is durability. This relates to whether the tools will have longevity in the marketplace such that they continue to be available and supported, allowing source files to be opened and edited in future versions of the application. It also relates to whether the tools will, in the future, produce output formats supported by browser versions and browser plug-in updates” (Berking, 2016, p. 7-8).

Based on the aforementioned, the consortium of the Partish project decided to use course creator in Moodle. Moodle, a widely-used open-source LMS, includes its authoring tool known as the "Course Creator." Educators can develop courses directly within the Moodle platform, incorporating resources, activities, and assessments to build comprehensive learning modules. Moodle is increasingly used as a platform for adaptive and collaborative learning and is used to enhance online assessments. The use of Moodle is rapidly evolving to address issues of academic integrity, ethics, and security to improve speed and navigation, as well as the incorporation of artificial intelligence (Gamage et al., 2022). MOODLE (Modular Object-Oriented Dynamic Learning Environment) encompasses maximum features of LMS and it is extremely user friendly (Srivastava & Srivastava, 2021).

More information on MOODLE and its content is given in the report 3.5. Developed eLearning platform at the: [https://partish.lurmk.lv/wp-content/uploads/2024/05/3.5Developed\\_eLearning\\_platform-eng.pdf](https://partish.lurmk.lv/wp-content/uploads/2024/05/3.5Developed_eLearning_platform-eng.pdf).

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