

## The Classification Module Intended to Be Used in The Didactic Assessment

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**Keywords:** modular classifier component, labels classifier, supervised learning, educational program product

**Abstract.** The present paper describes one of the modular components of an eventual and complex system that will allow the generation of items to be evaluated in didactic evaluation tests with a pronounced adaptive character. The respective component will be one with the potential to integrate into various Learning Management System (LMS) platforms, such as Moodle , and can be applied by a wide spectrum of users: from teachers and pupils/students/learners enrolled in various forms and/or levels of education to administrators of LSM platforms and LMS-type systems component developers. From the technical perspective, this component is a classifier that turns out to be a fragment of a program product, which interacts with the database (DB), but especially with the LMS system bank question, created by the course developer, in order to satisfy the perspective functions of the software product in the specific aspects regarding the teacher and learner needs [8] during the didactic assessment. The classifier, developed and described in the current material, works based on the labels , and the degree of use of Artificial Intelligence (AI) And Machine Learning (ML) at the implementation level includes it in the category of supervised learning program products. The given work is included in fields such as applied informatics, software engineering, and artificial intelligence and aligns with the national and international trends regarding digitization of the educational system.