

POSTERS

A NEW APPROACH FOR PLAGIARISM AVOIDANCE AND DETECTION IN MOODLE'S LANGUAGE-RELATED COURSE ASSIGNMENTS

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Abstract: In recent years, there's been a marked increase in the usage of Wikipedia and other online sources in coursework completion by students. In light of this, the problem of plagiarism is brought to a fore. However, it is known that independent, timely and assiduous solution of coursework promotes better understanding of the course material, and also improves writing and critical thinking skills. This is especially true for low scoring and aged students.

Due to the above, we propose a new approach for avoiding and detecting plagiarism, which incorporates two steps: a) preventing plagiarism by utilizing Moodle's built-in capabilities; b) control and monitoring cases of plagiarism and their grading, by using non-commercial Moodle plug-ins (PlagScan, CrotPro, Moss, VPL).

It should be noted that the above-mentioned technique is universal and could be implemented in any Moodle-based language-related course, notably foreign languages and programming that are offered to all entry-level students, in many disciplines.

The efficacy of this method is confirmed by the results of final exams, as well as student surveys of a particular course and their comparison with outcomes of previous years, when such an approach had not been inculcated.

Key words: Moodle, Moodle plug-ins, PlagScan, CrotPro, Moss, VPL

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