Involvement of Learners’ Characteristics within the Allocation of Submissions in the context of Peer Assessment in MOOCs

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Abstract

The contribution in the context of this paper relates to the stage of allocating submissions to the assessors within the peer assessment process in MOOCs. We propose an algorithm for the distribution of assignments that involves the learner characteristics related to the evaluation in the methodology of allocating assignments. The inputs of this algorithm are the assessment profiles of learners which include their basic characteristics linked to the evaluation process. The creation of these profiles stands on the use of an assessor model inspired from the literature on learners modeling, a model that we are also discussing in this paper.

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Index Terms

Computer Science  Artificial Intelligence
Keywords

Peer assessment, peer review, learner profile, assessor model, MOOC, online assessment tools.