Abstract

This paper proposes a system for performance assessment of students and explores how formative and summative assessment can be used to assess the performance. Proposed system focuses on formative assessment during the learning process. Computer based interactive Multiple choice question exam is proposed for formative assessment and the data generated is used for data mining. Paper discusses about the importance of detailed and instant feedback in learning process and the reduced workload on instructor in the proposed system.

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**Index Terms**

Computer Science

Information Sciences

**Keywords**

Formative assessment  summative assessment  instant feedback  interactive platform

multiple choice question (MCQ)

data mining