

Assessing Students' Performance in Distance Education Courses

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Abstract: *ARCADE is a project aimed to develop an integrated software platform for authoring and delivery of Internet-based distance courses covering the university needs. Unified Modeling Language (UML) and Unified Software Development Process were applied as a basis for the project development. The Assessments and Assignments package provides computer supported instructional feedback (tests, projects, essays, problems). The IMS Question and Test Interoperability specification (QTI) defines the basic structures (Assessment, Section, Item – ASI) for the Assessments module development. This module includes three main subsystems – ASI Structures Management, Tests Management, and Test Performance.*

Keywords: *E-Learning, Computerized testing, Learning Content Management Systems, Object-oriented analysis and design, UML, IMS QTI Specification*

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