Abstract

Though various studies were conducted in software development methodologies, still there are some inconsistency between the educational requirements and software dynamics. Software
Development Life Cycle (SDLC) provides various phases to develop software based on user requirements. The basic idea of this research is to identify the gaps between the educational requirements and software potentials. This research identifies the common requirements of educational software for its maximum usage in the educational processes with its complete capabilities. A viewpoint hierarchy for entities of educational software has been defined in this paper. Also, system models using SDLC analysis phase in educators and learners perspectives have been defined and constructed.

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Educational Software Development – Users Requirement Analysis

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**Index Terms**

Computer Science

Data Mining

**Key words**

Educational Software

Educational Processes

Software Development Life Cycle (SDLC)

Educational Software System Model