Abstract

Along with the progress of information and communication technologies (ICT) the use of web-based instruction (WBI) is also becoming popular tool as an education resources by the. Instructors are using WBIs as a tool for delivering and distributing the learning content. In support of web based learning, a tool AlgoWBIs is developed for algorithm learning and evaluated by the various experts. Experts' views has been taken and evaluated for the tool AlgoWBIs to know how it will be supportive for effective learning of algorithm and how it cloud be improved is required? Various factors have been evaluated which may influence the tool's functionality and its impact on learning. Experts have shown positive intentions towards the tool for the effectiveness, usefulness, adequacy and quality of content. They also showed the positive view about the navigation through out the study material, self assessment of learners and various other parameters. The empirical evaluation result indicates that the tool is supportive in algorithm learning with and without face-to-face interaction among the learner and instructor.
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Index Terms

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