



THE USE OF COGNITIVE GRAPHICS IN MONITORING OF STUDENT'S PROGRESS

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Abstract

The cognitive graphics was successfully used for presentation of status of technological and industrial process. However it was not used in some other fields, although it has obvious advantage comparing to other forms of presentation of process status. Main idea behind of presentation different data using cognitive graphics is, that using easy understandable cognitive images it is possible to present the status of system in simple way, so that user can easily and fast find out what is the momentarily status of the system and how it will develop. Starting from industrial application we have developed a efficient system for monitoring the progress of students in the educational process. We used the Scalable Vector Graphics to generate cognitive images presenting the student's success in acquiring knowledge and skills. The application can run on personal computers or on mobile devices. It can significantly improve the learning process especially in distance education.