

Development of an automatic multiple-choice question generation system from learning materials

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Abstract: This topic addresses the necessity of developing automatic multiple-choice question generation systems from learning materials to meet the fast and efficient needs of teachers. The objective is to build a system capable of analyzing and synthesizing information from documents to create high-quality multiple-choice questions. The research methodology includes applying natural language processing algorithms along with machine learning techniques. The expected outcome is to provide a practical solution for building a question bank, thereby contributing to improving educational efficiency.

Keywords: Multiple-choice question generation system, natural language processing, machine learning, learning materials, question bank