

Develop automatic question generation module.

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Abstract: The thesis researches a solution for automating exam drafting by applying large language models (LLM) and RAG techniques. The system allows extracting content from uploaded learning materials to create a diverse question bank (multiple-choice, essay) closely aligned with the curriculum. The solution helps lecturers save time, increase objectivity, and easily manage the learning resource repository. The module is deployed on a web platform with convenient PDF/Word file export capabilities.

Keywords: Automatic exam generation, NLP, LLM, RAG.

References

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