AI Educator: An AI-Powered Tool for Generating English Reading Comprehension Questions
一款英语阅读理解问题生成工具

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1 Introduction

In the modern educational landscape, teachers often face significant time constraints when preparing teaching materials, particularly for tasks such as generating reading comprehension questions. To address this challenge, we propose the development of **AI Educator**, a tool designed to assist primary school teachers in creating high-quality English reading comprehension questions efficiently. By leveraging open-source models and deploying them via FastAPI, this tool aims to save teachers time while maintaining the quality and depth of the questions generated.

- **Article Generation**

- **Question Generation:** Based on the generated articles, the tool will create a variety of question types, including multiple-choice, true/false, and short-answer questions.

- **Deployment:** Using FastAPI

- **Prompt Optimization:** Chain of Thought

- **Testing and Feedback:** The tool will be tested with a group of primary school teachers

  https://x.com/theaieducatorx/status/1619790292374421504

2 Gantt Chart