

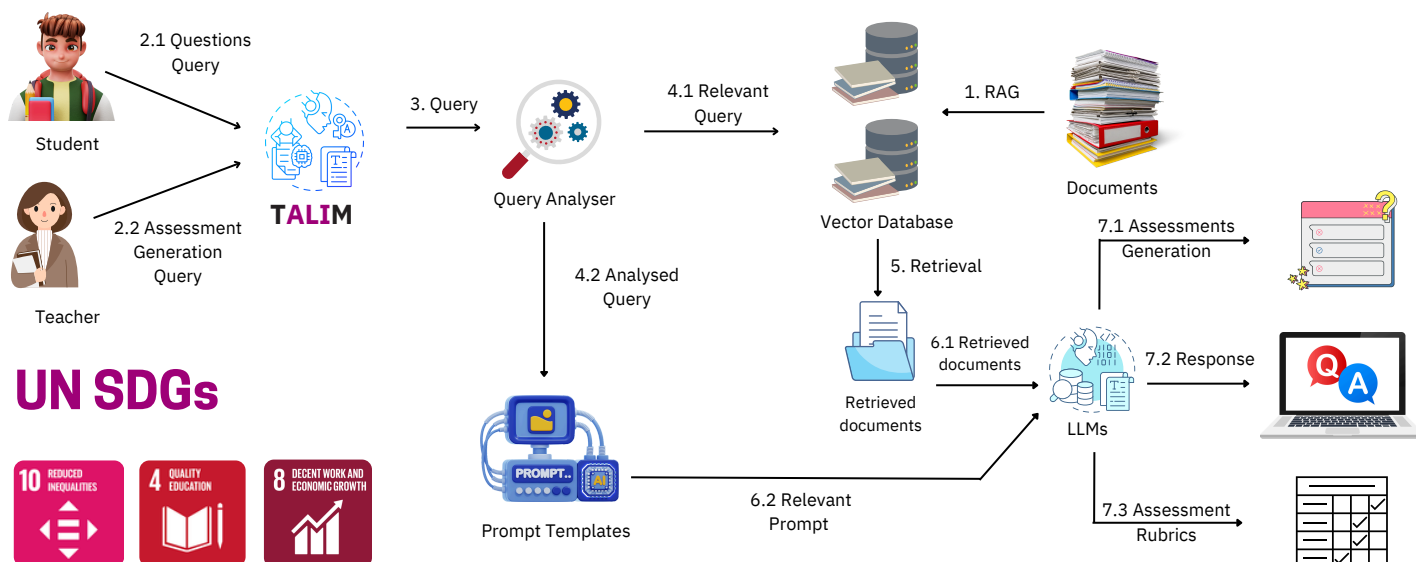
Problem Statement

The educational system in Pakistan lacks personalized after class support for students, and teachers face challenges with managing cheating and plagiarism in assignments and quizzes, as well as efficiently creating and grading assessments.

Objectives

To create an AI system that simplifies educational tasks for teachers, offers personalized support to students, and automates quizzes and assignments to improve the learning process.

Workflow Diagram



UN SDGs



Current Results

Metric	Gemini	LLAMA
Context Precision	0.5	1.0
Context Recall	0.4	0.2
Faithfulness	0.89	1.0
Answer Relevancy	0.90	1.0
Answer Correctness	0.36	0.55
Semantic Similarity	0.89	0.95

Features



Virtual Teaching Assistant for interactive QnA.



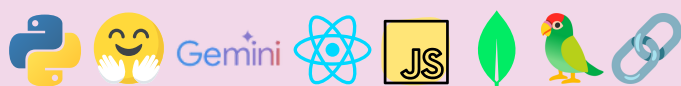
Automated quiz and assignment generation with assessment evaluation.

Applications



- Higher education institutions
- E-learning platforms
- Remote and hybrid learning environment

Tools & Technologies



Team Members

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