

Contribution Statement - Djibrilla Boubacar

Djibrilla Boubacar focused on the retrieval-augmented generation (RAG) implementation, evaluation framework, and user interface design. I integrated domain-specific financial documents into the retrieval pipeline, optimized query handling, and ensured that the Critic agent could compute automated metrics such as groundedness, tool accuracy, and hallucination frequency.

I designed and executed structured test cases (TC001–TC005), including controlled failure scenarios, and compiled quantitative results into clear tables for analysis. He also developed the command-line interface (CLI) for user interaction, improving usability and transparency of system operations. My debugging contributions centered on evaluation accuracy, logging, and adaptive control effectiveness, ensuring that corrective actions such as query expansion, retries, and clarification requests were properly triggered and logged. By refining the evaluation pipeline and documenting test outcomes, I ensured that the system was both observable and improvable, meeting the assignment's requirements for measurable performance and structured failure analysis.