

## **Contribution Statement - Nasiru Iliya**

I contributed extensively to the technical design and implementation of the CoFina system. His primary responsibilities included architecting the multi-agent orchestration financial system, designing the orchestrator and tool registry, and ensuring robust state management across the ORDAEU cycle. I implemented the three-tier memory system (short-term, long-term, and ephemeral) with caching and important - based write policies, which significantly improved multi-session continuity and reduced latency.

I also handled database design, authentication, and security validation, ensuring that the system was both scalable and compliant with modular design principles. On the evaluation side, I debugged persistent state issues, corrected registration loop failures from HW2, and validated improvements in tool invocation accuracy. My debugging efforts focused on memory persistence, orchestration correctness, and adaptive control triggers, ensuring that the system achieved measurable improvements in groundedness, task completion, and tool accuracy.