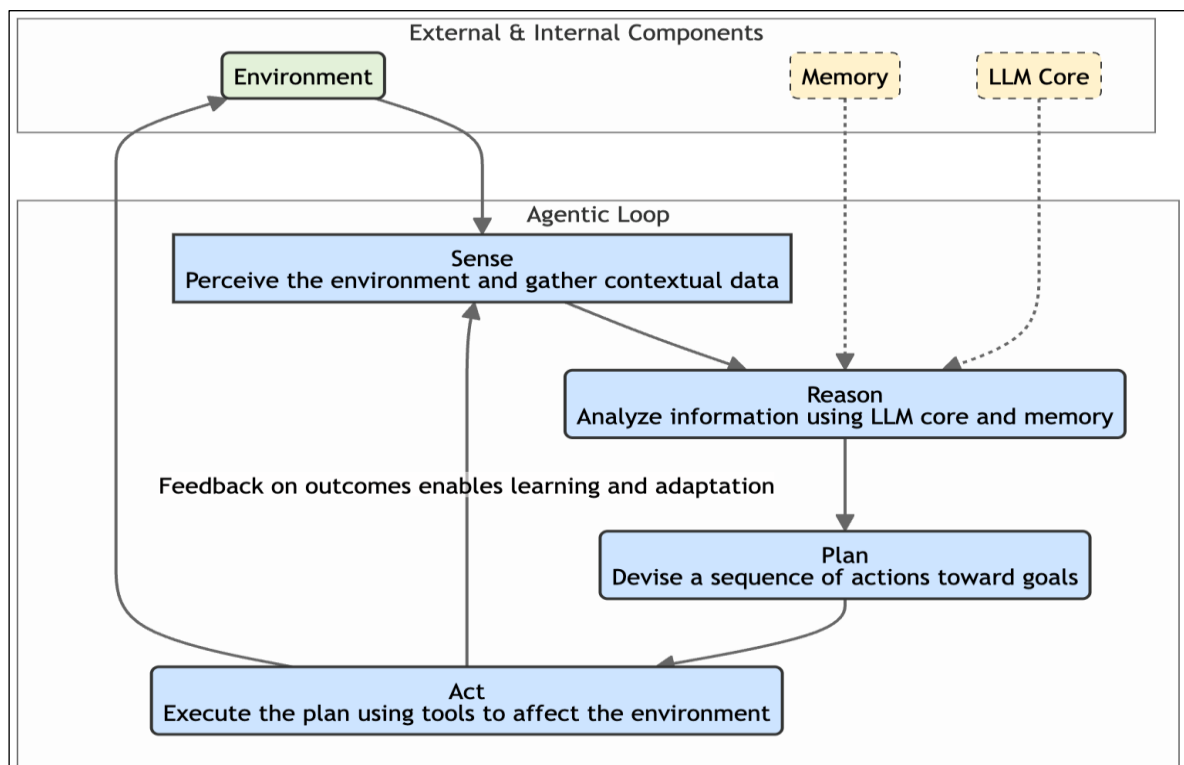
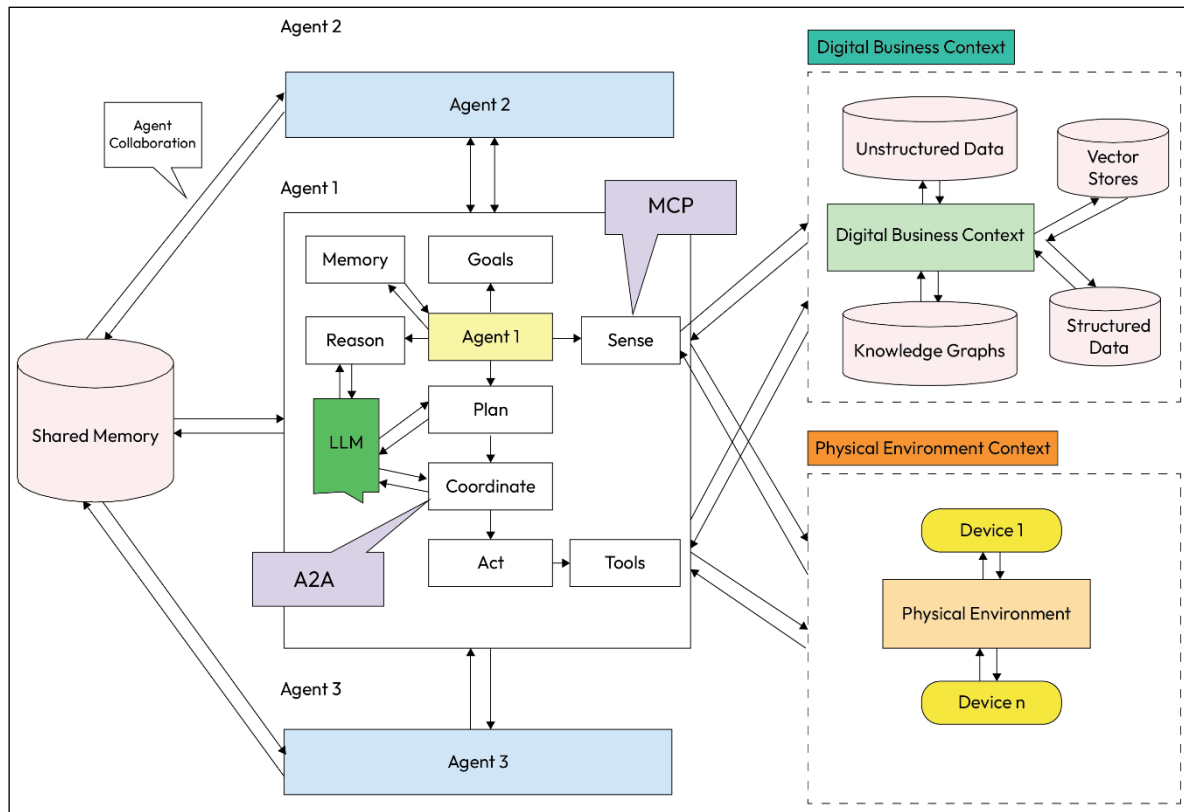
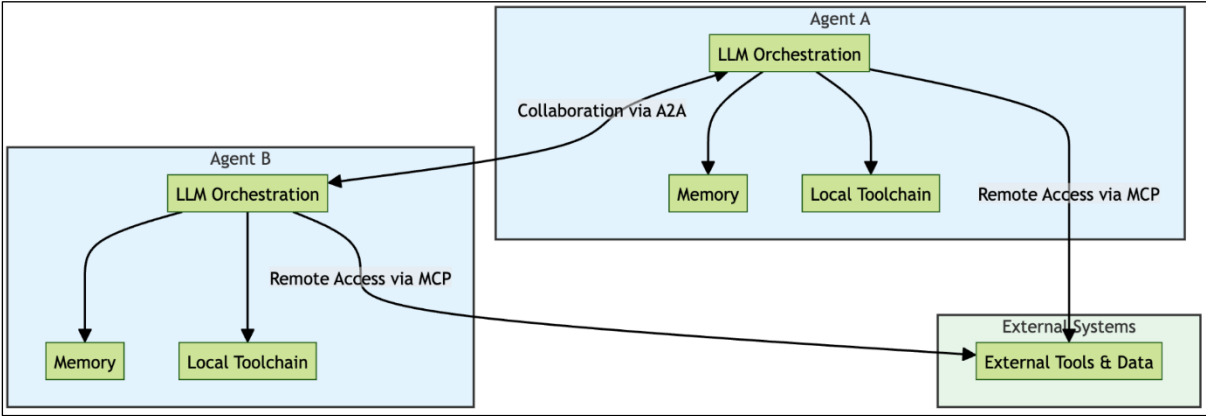
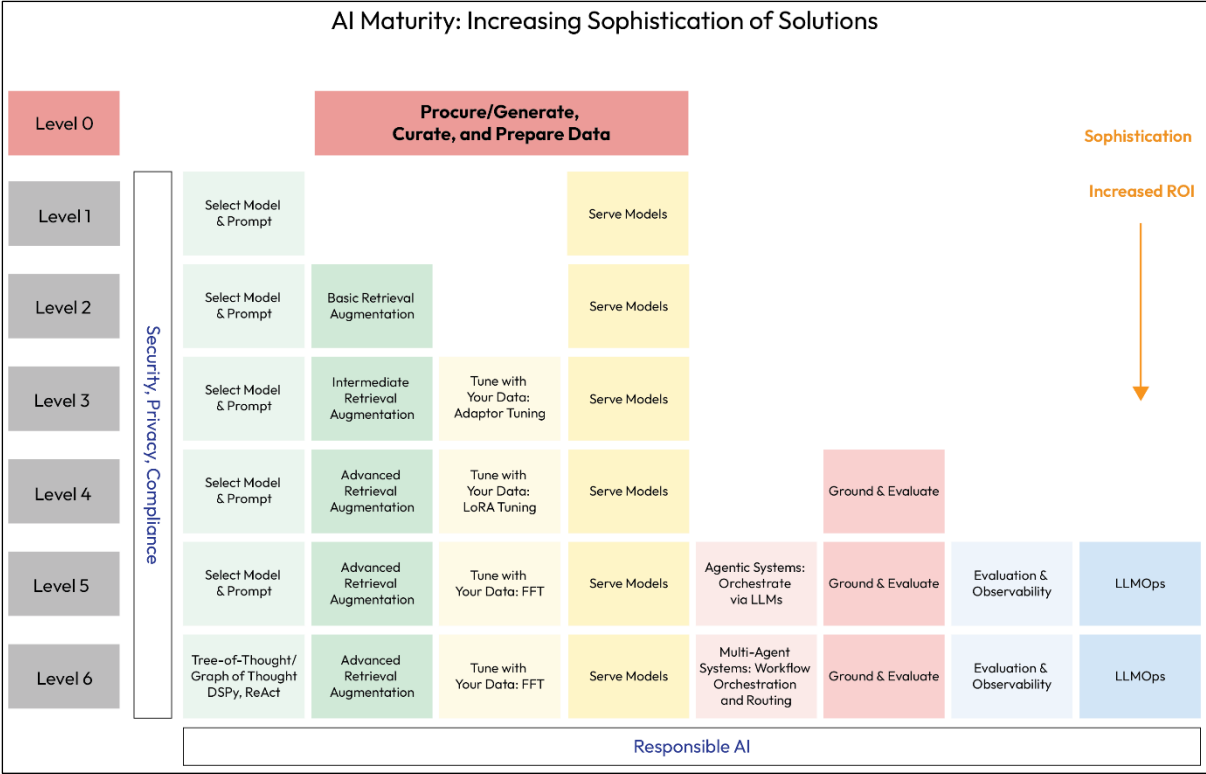
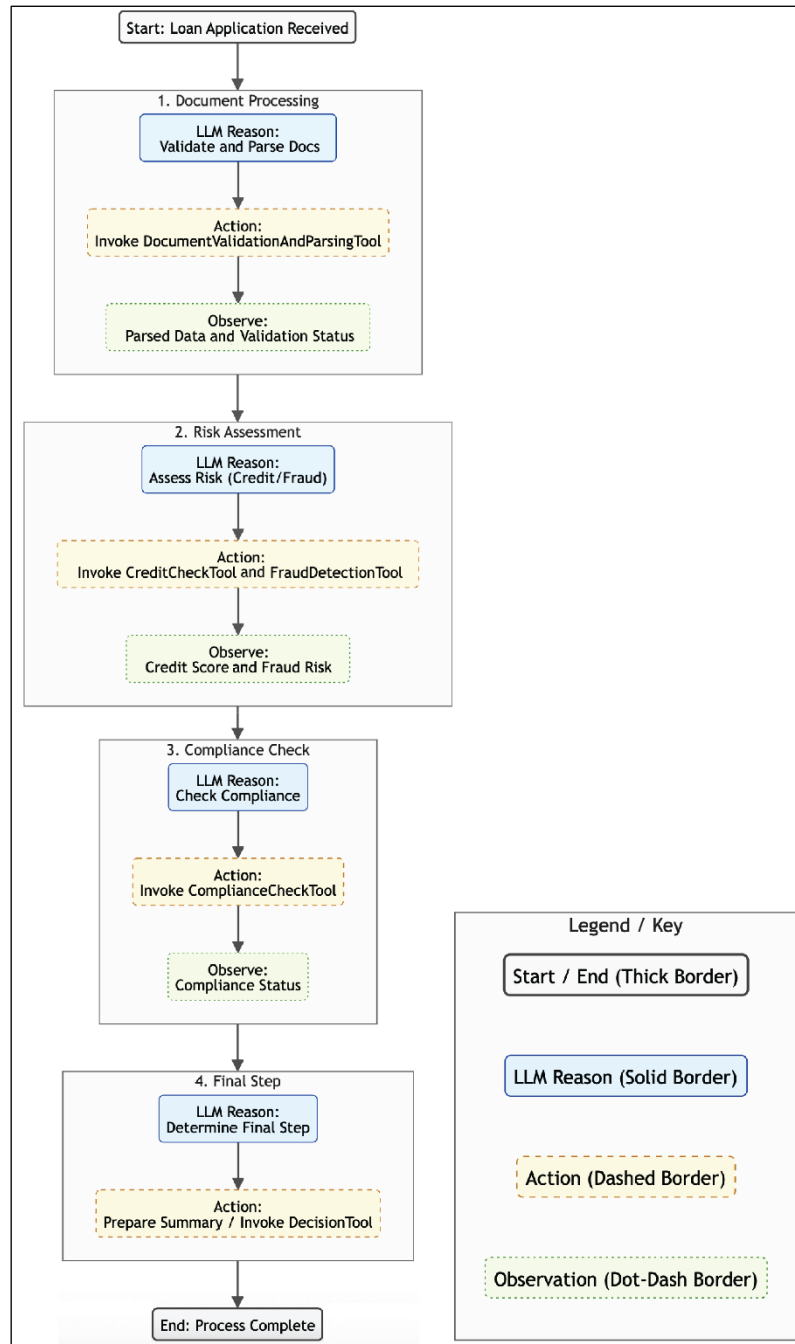


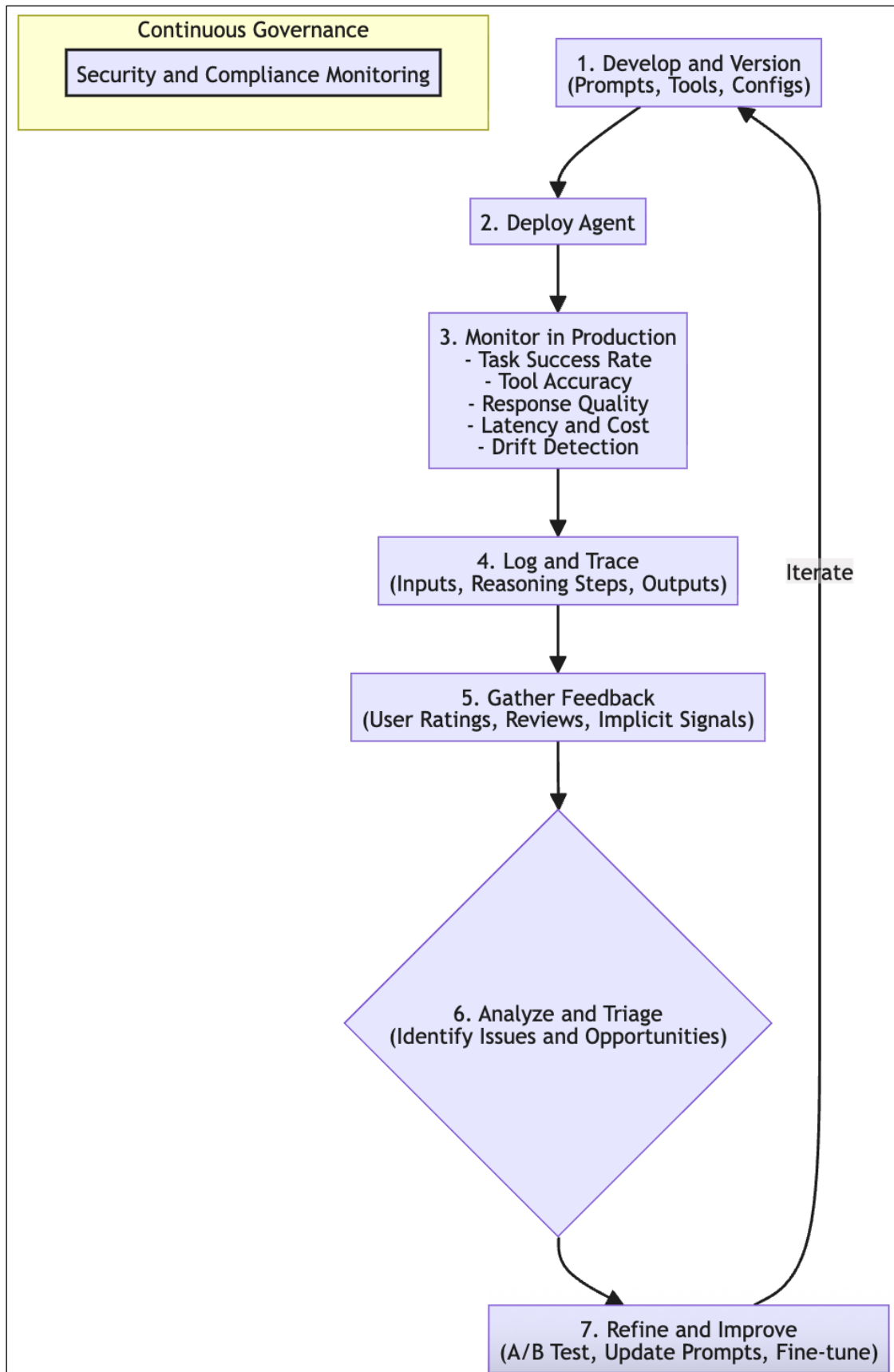
Chapter 1: GenAI in the Enterprise: Landscape, Maturity, and Agent Focus



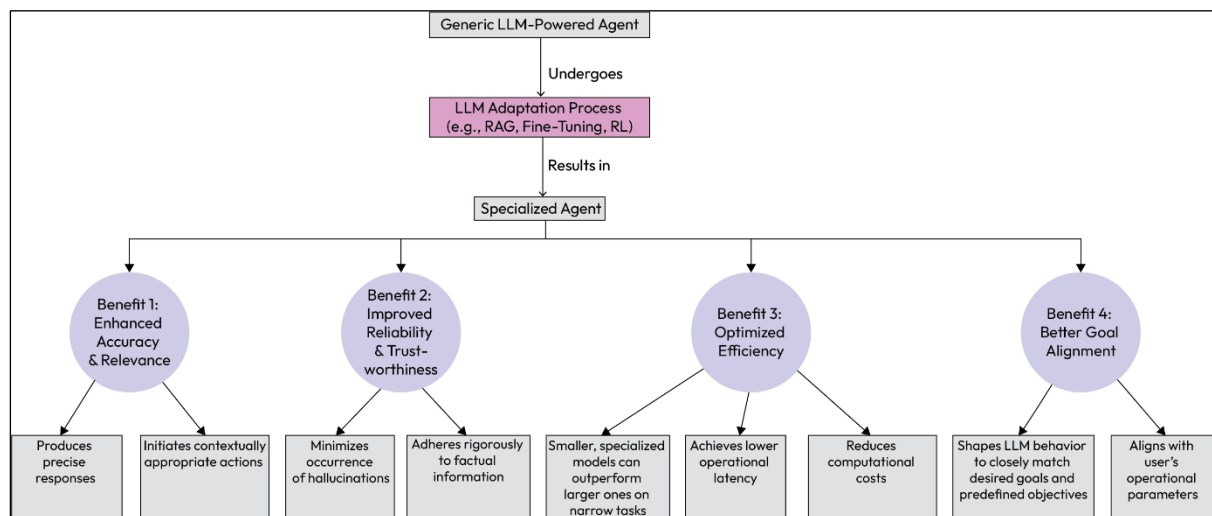


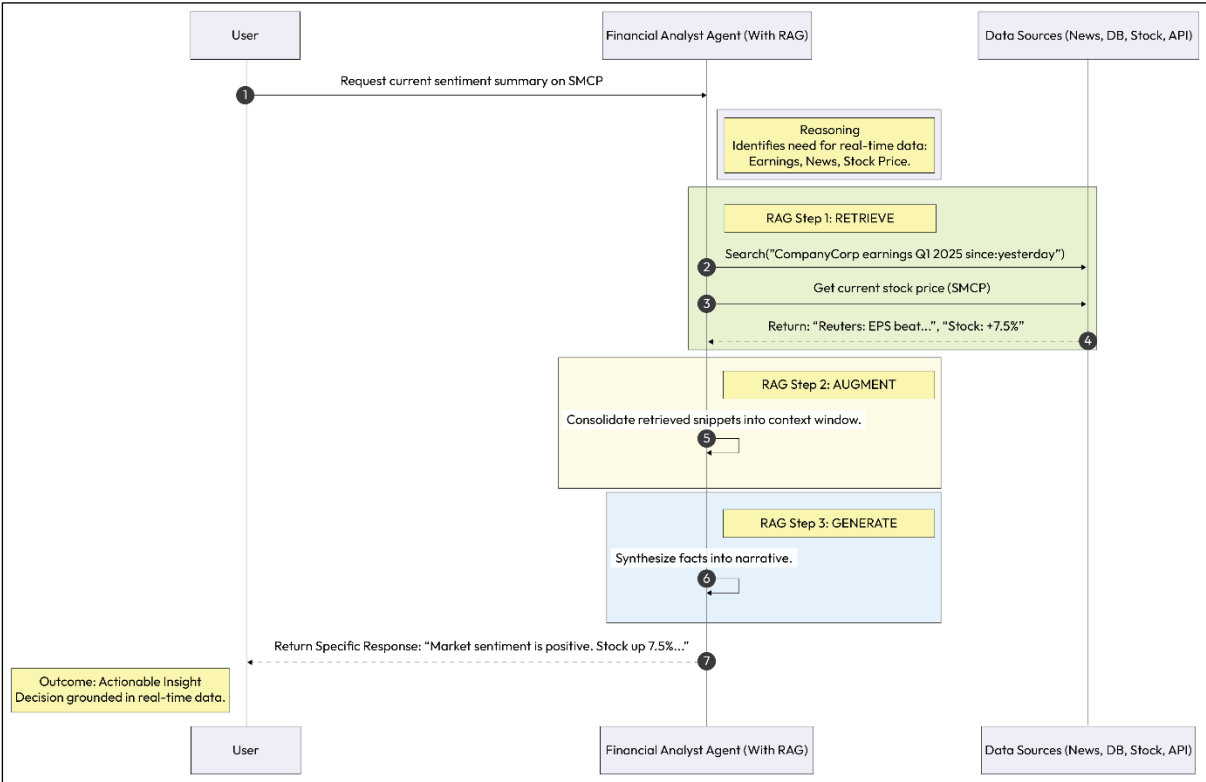
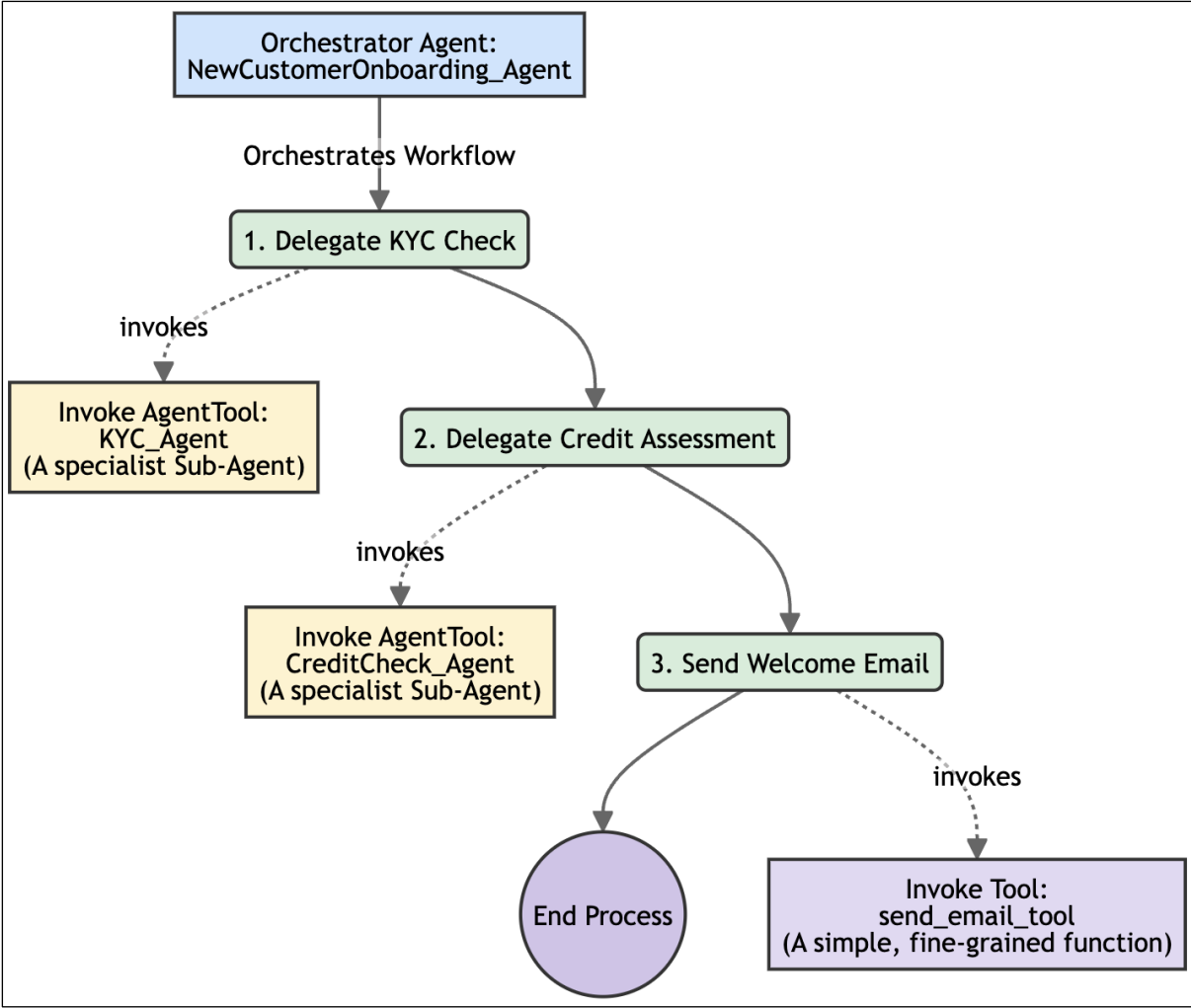
Chapter 2: Agent-Ready LLMs: Selection, Deployment, and Adaptation

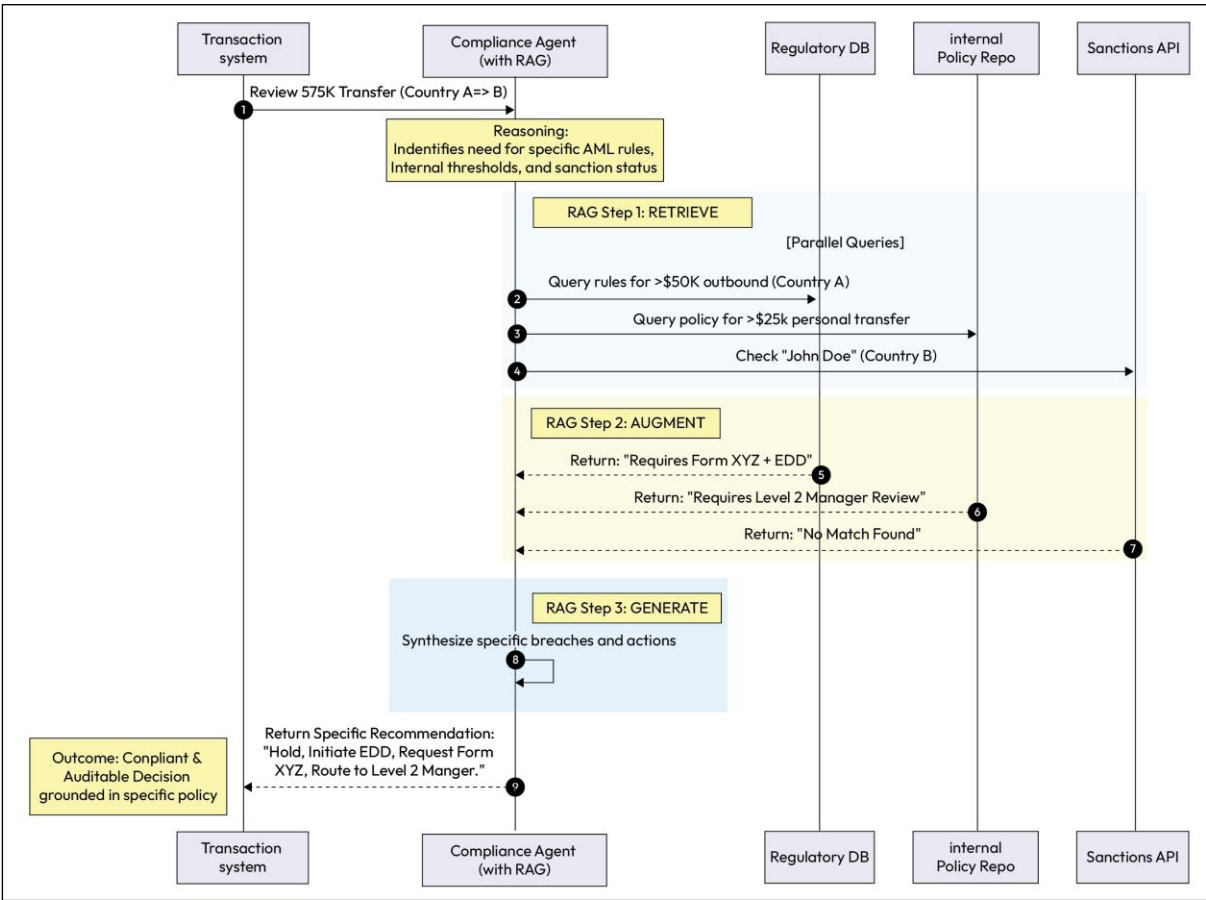
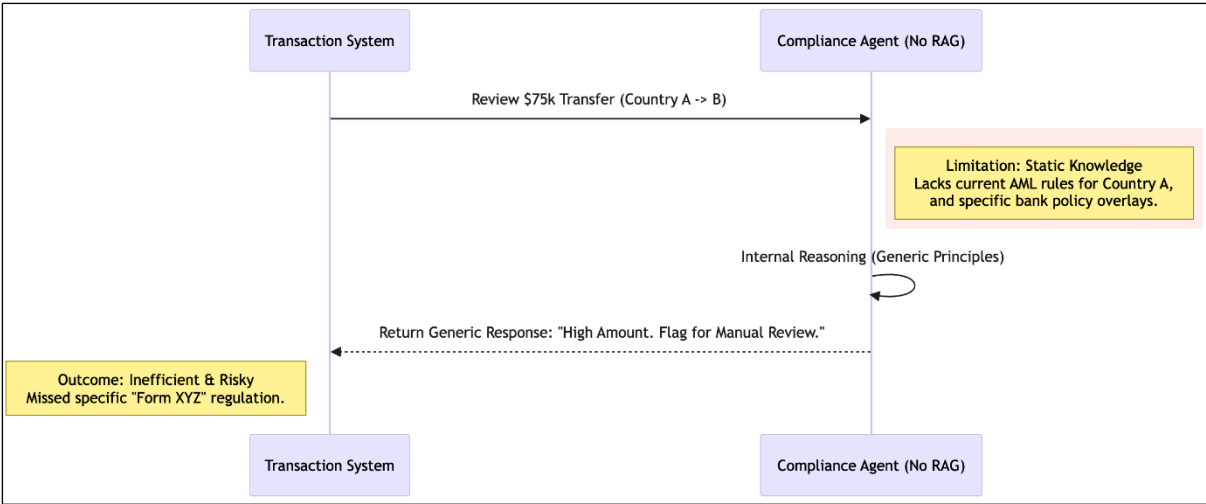




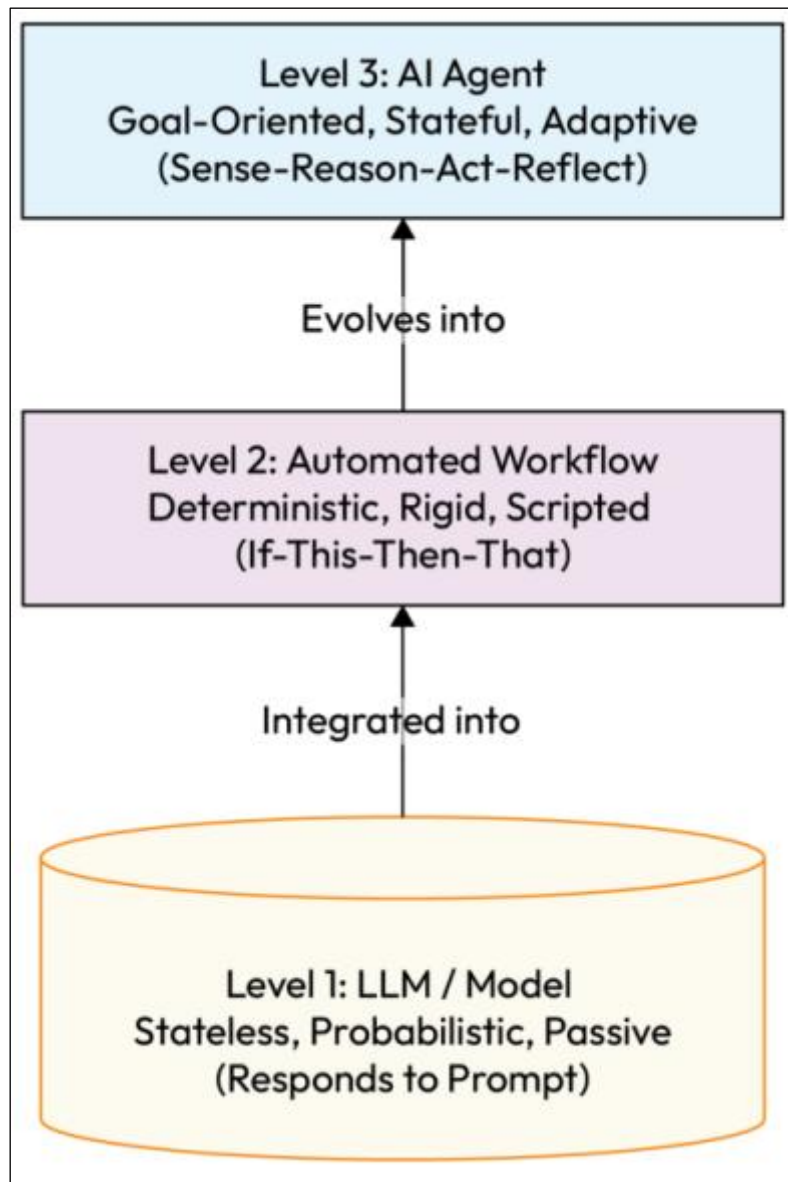
Chapter 3: The Spectrum of LLM Adaptation for Agents: RAG to Fine-tuning

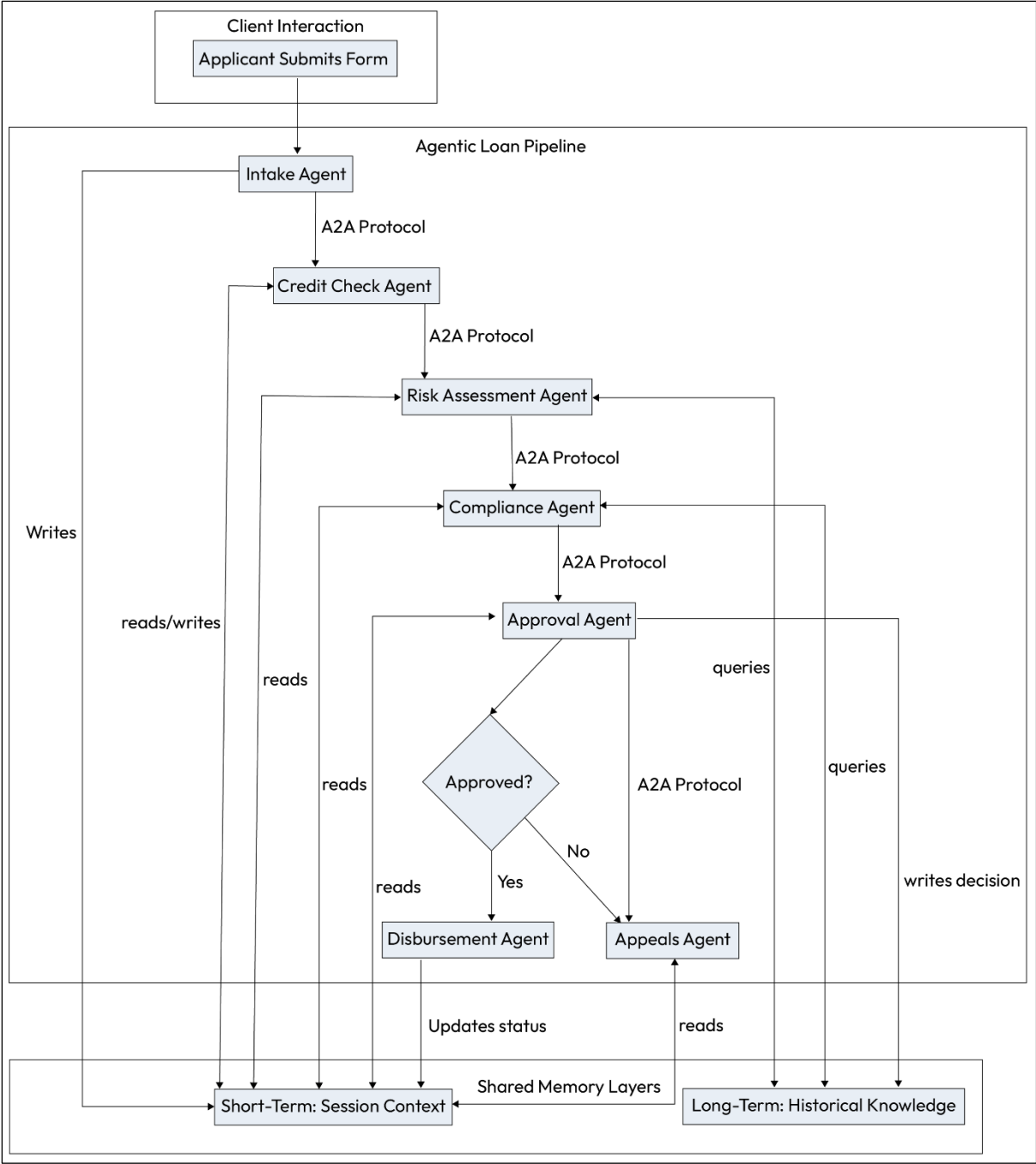


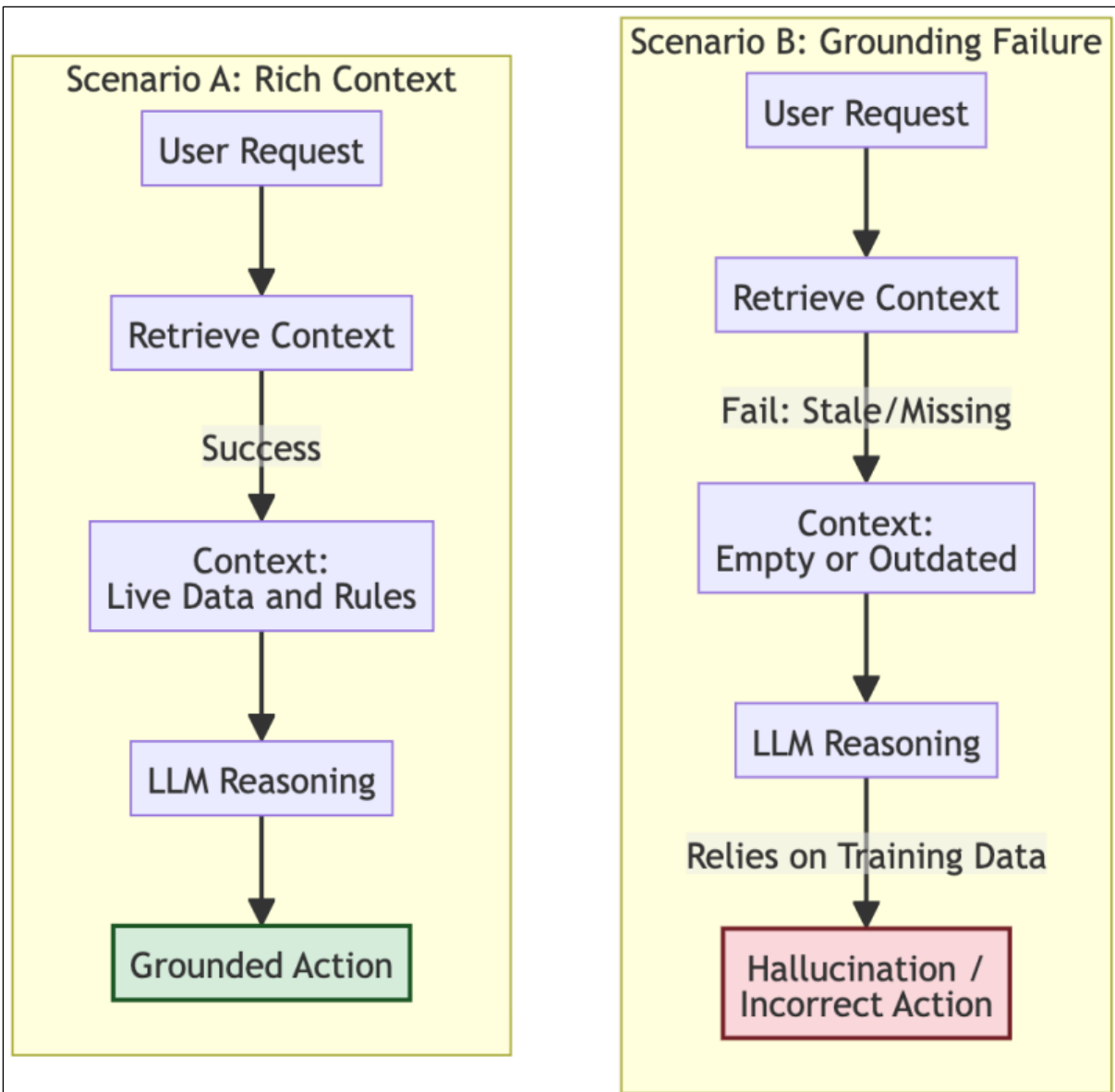


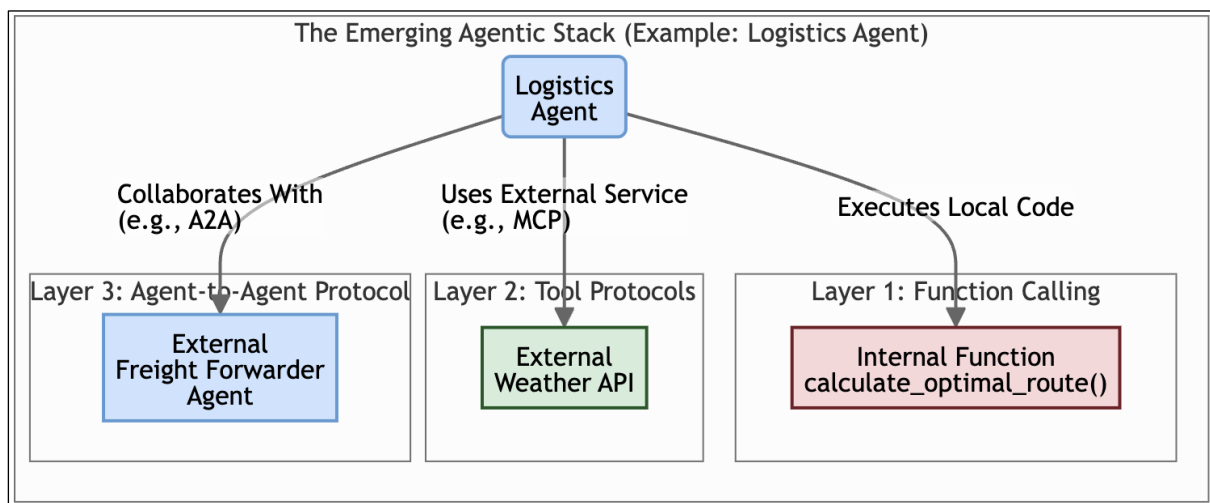
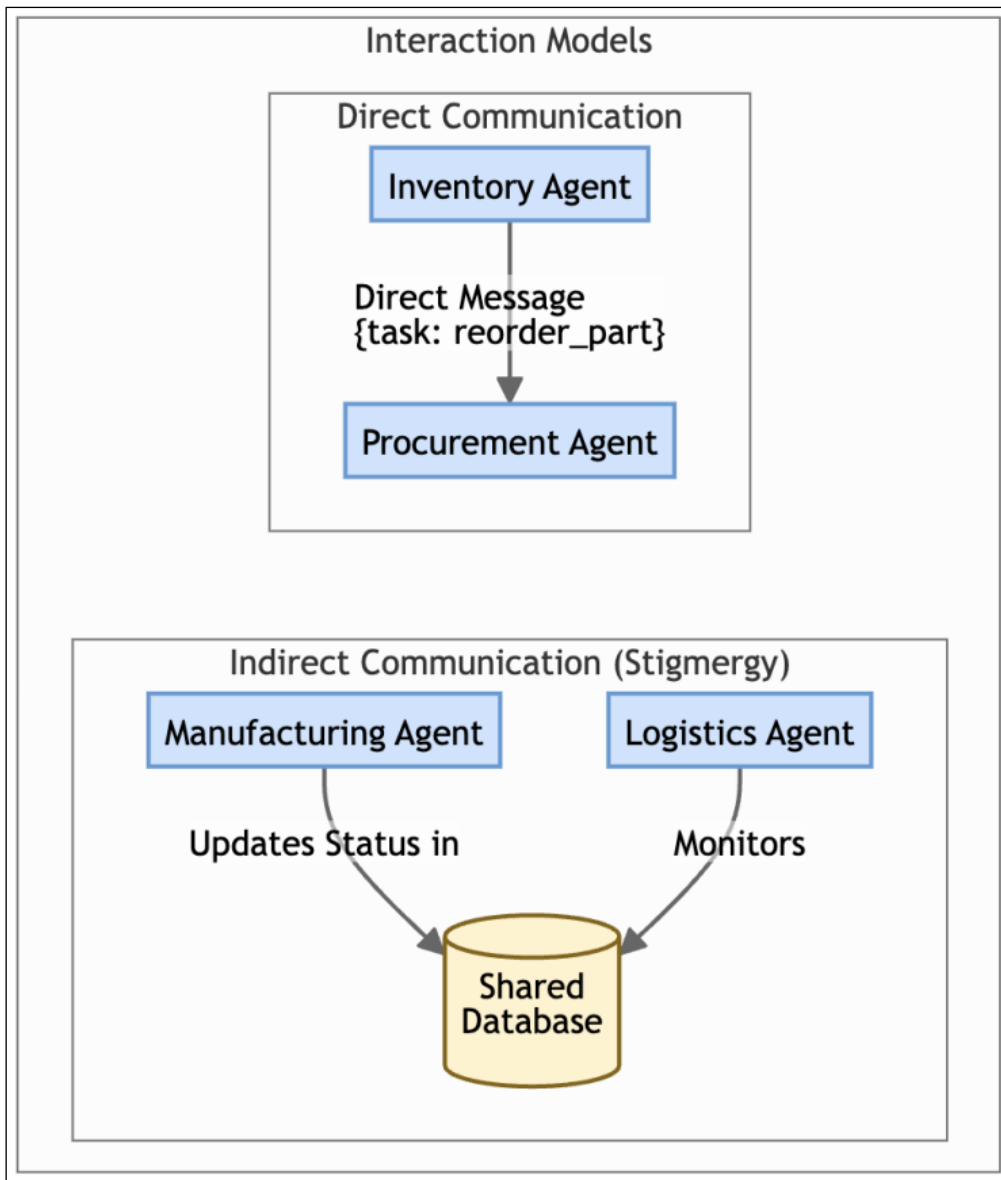


Chapter 4: Agentic AI Architecture: Components and Interactions

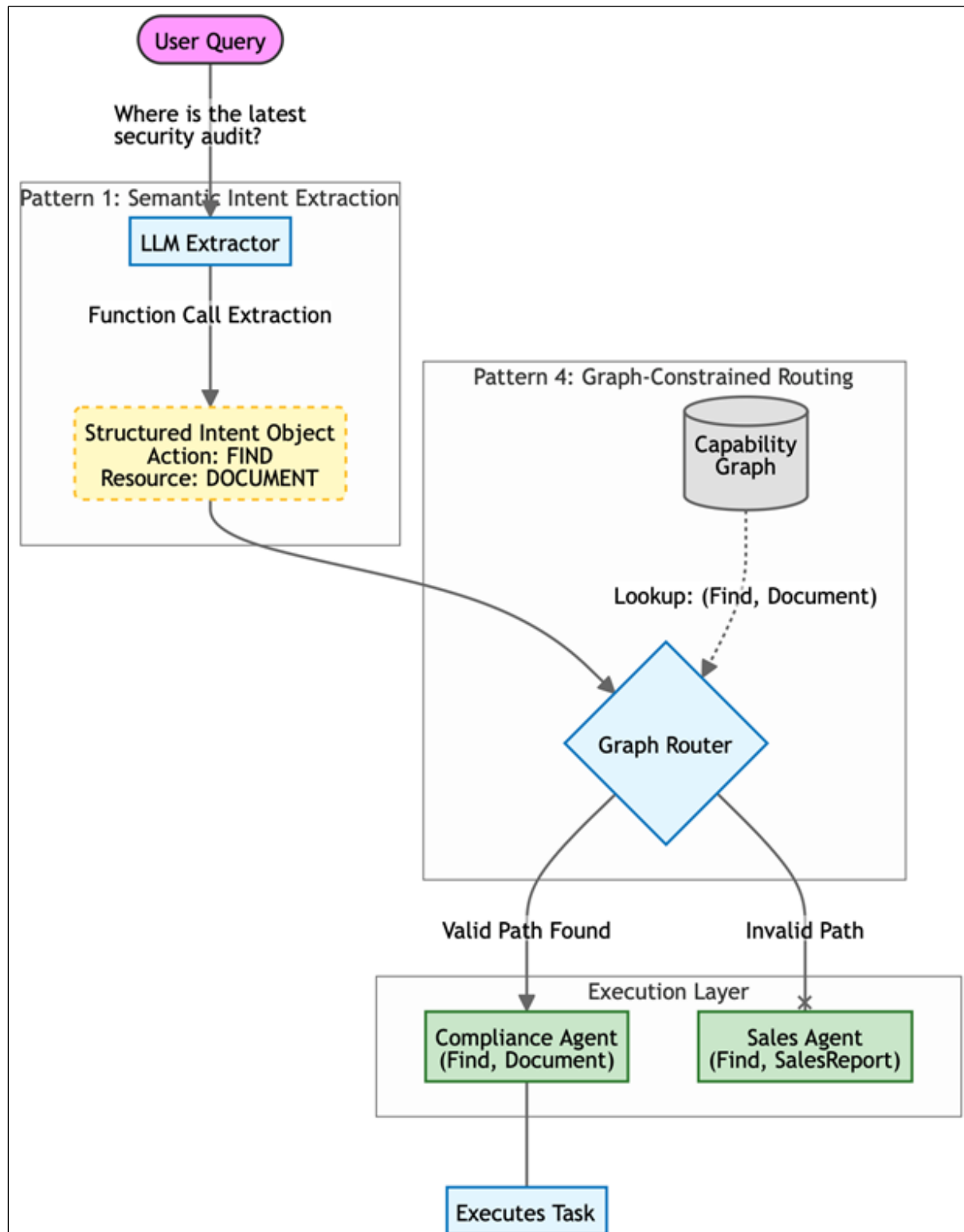


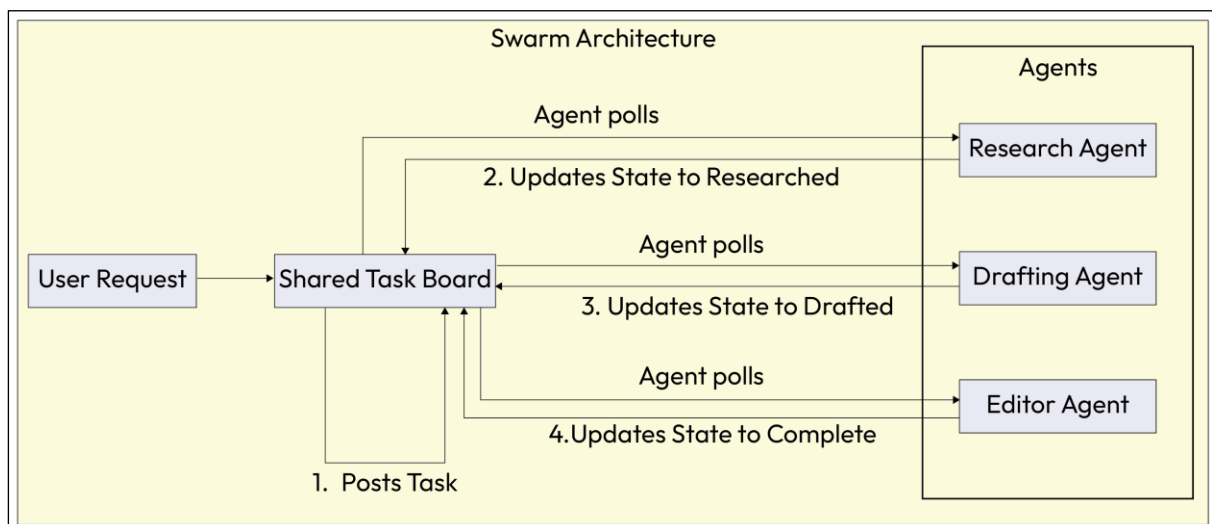
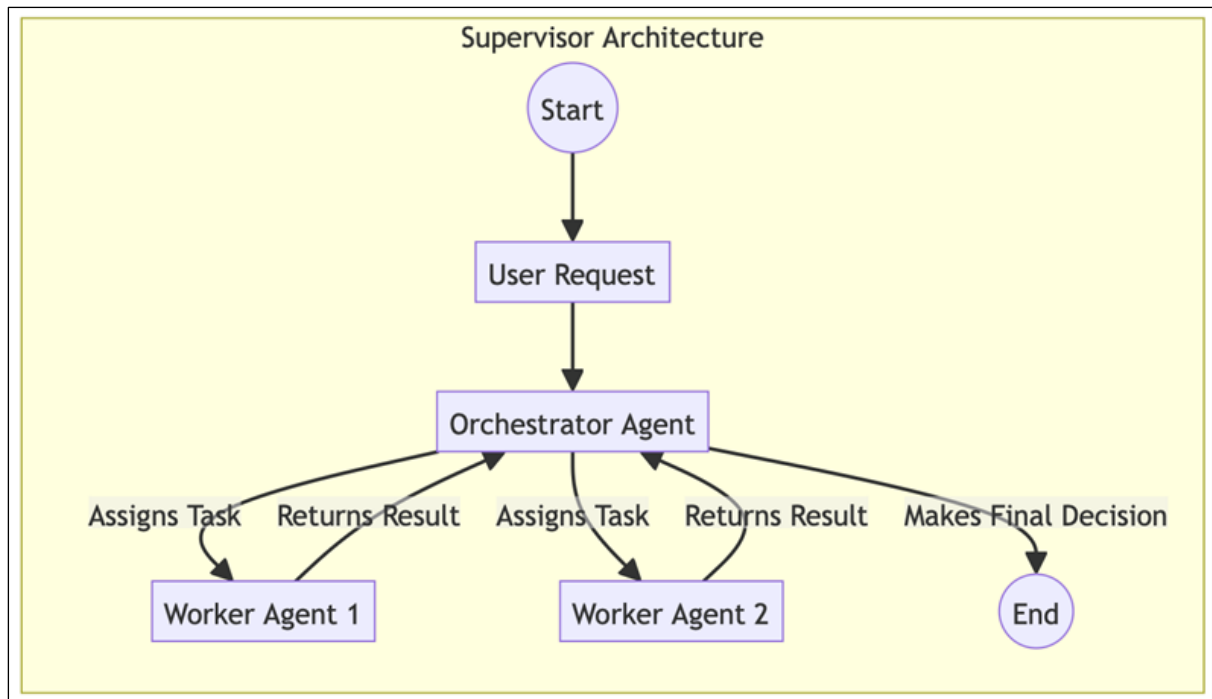


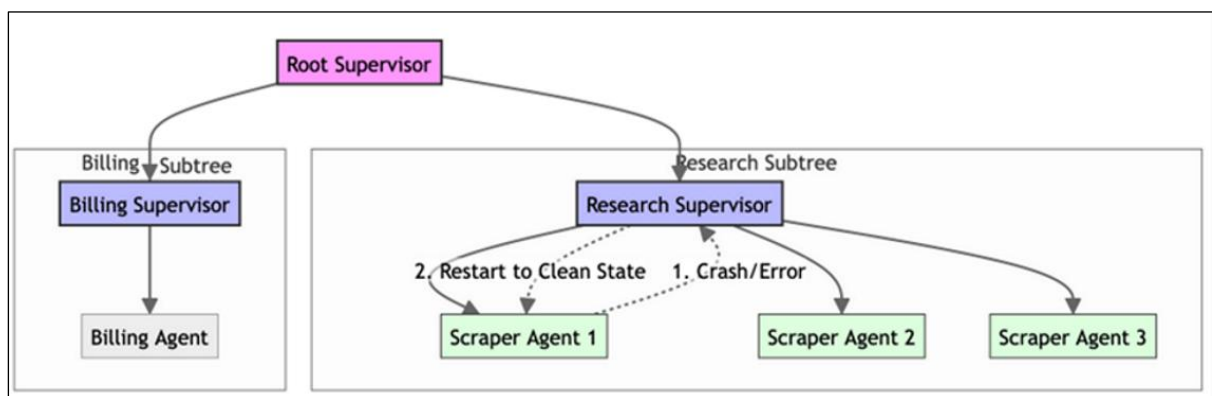
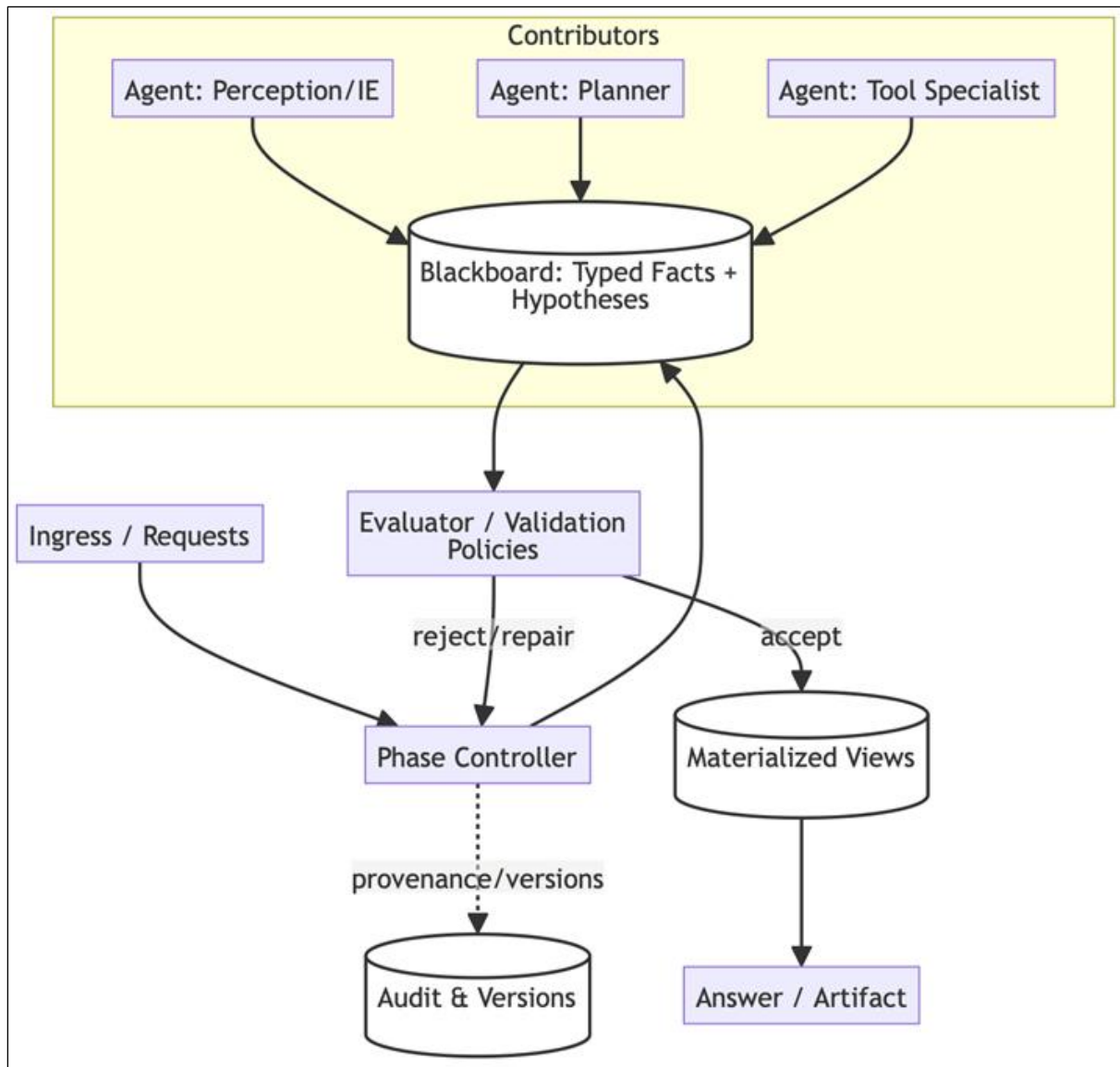


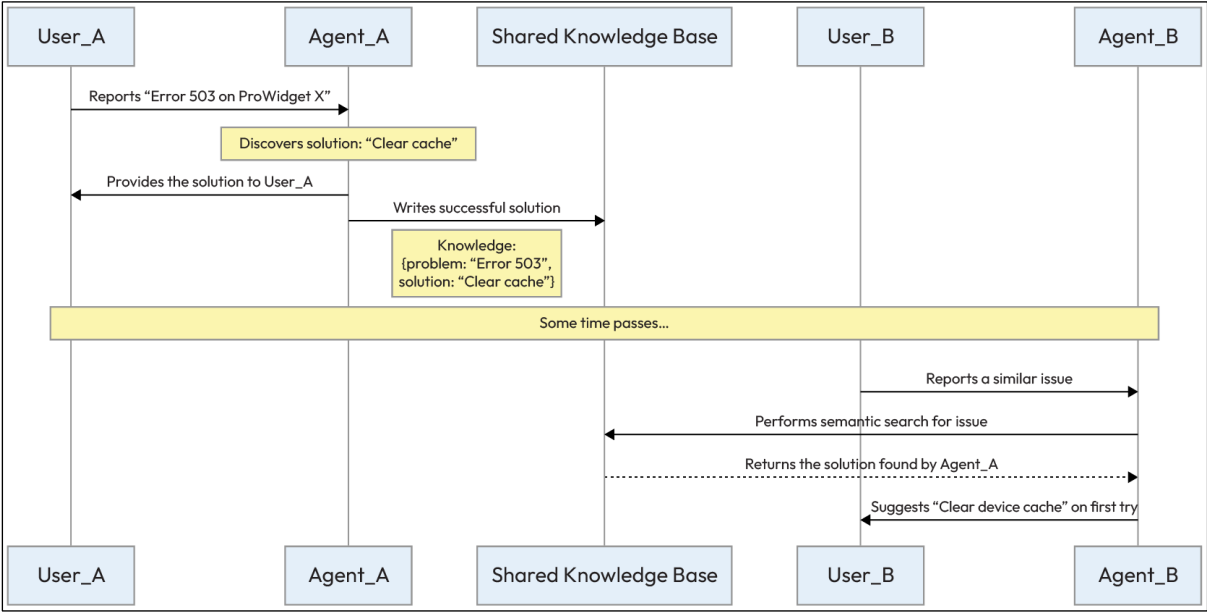
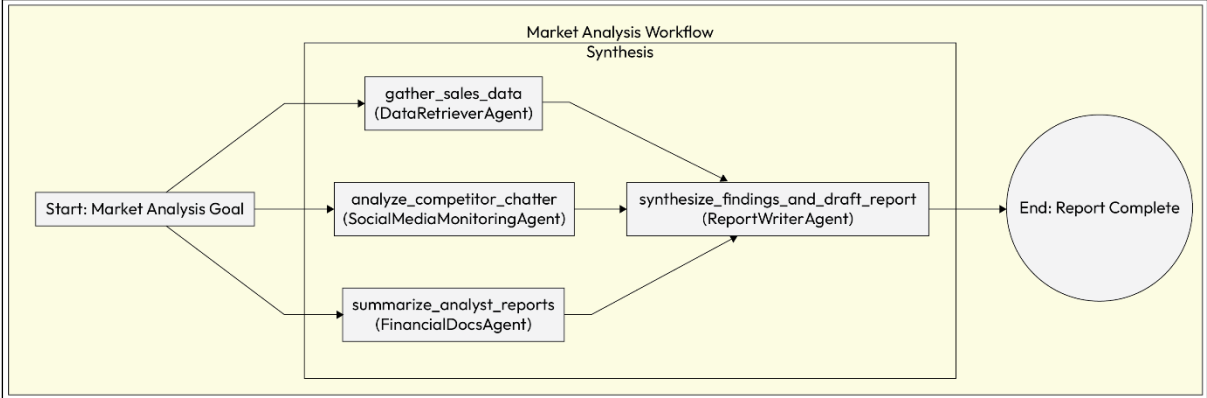
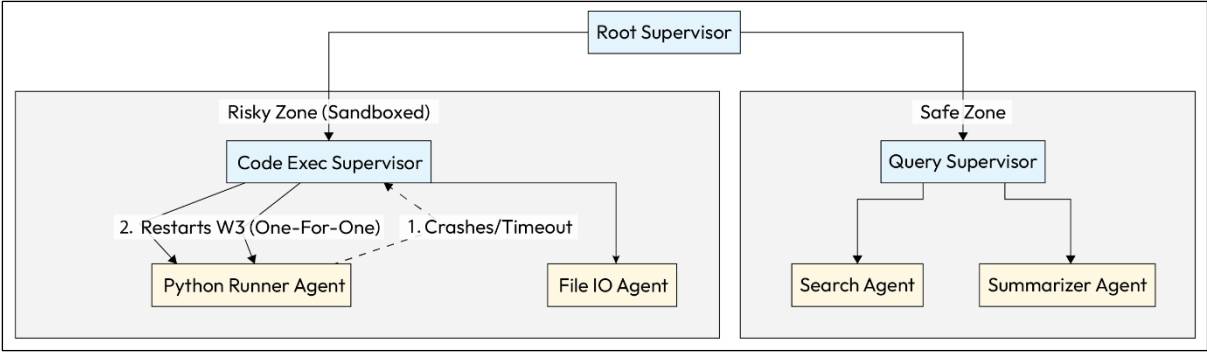


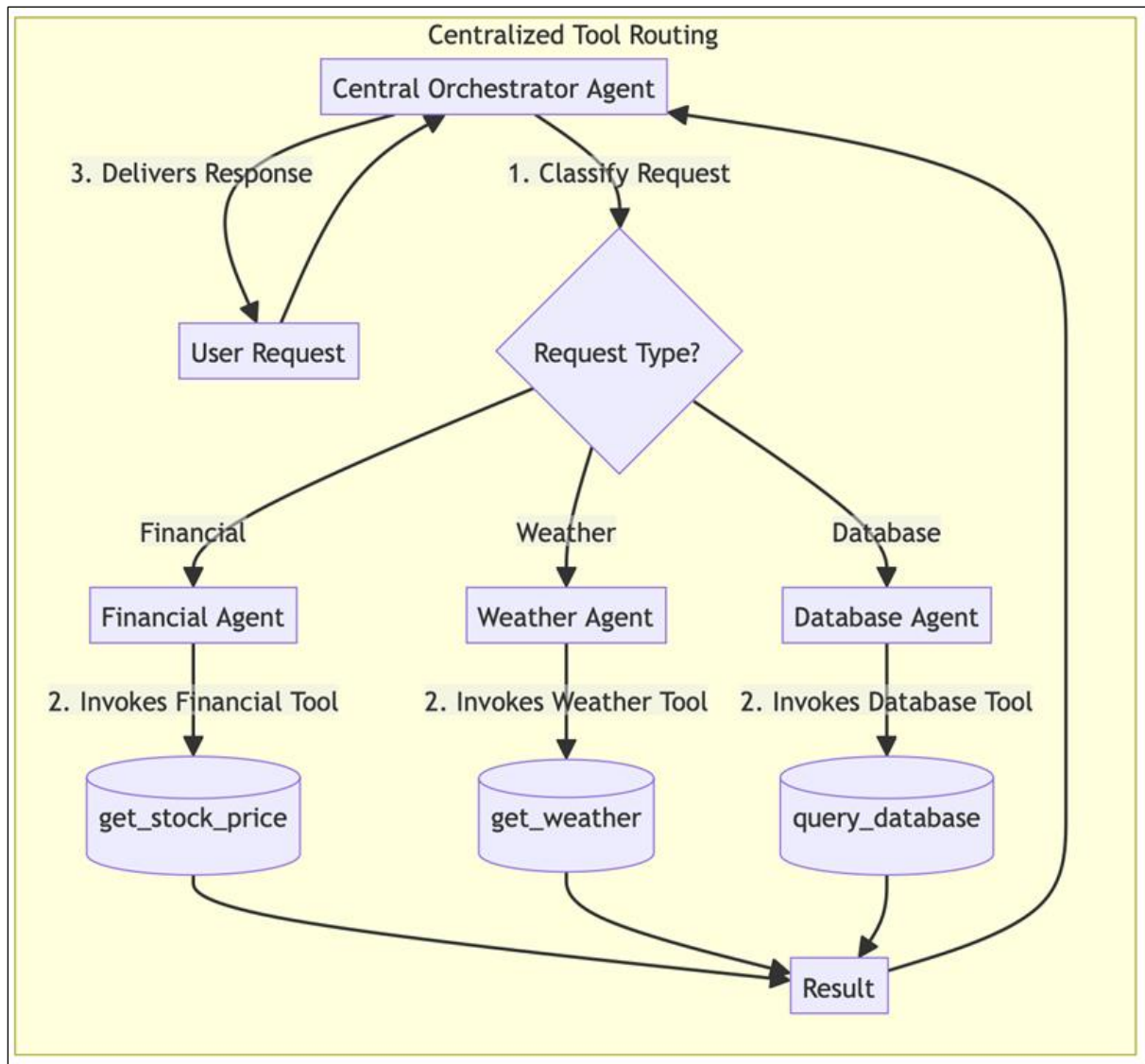
Chapter 5: Multi-Agent Coordination Patterns

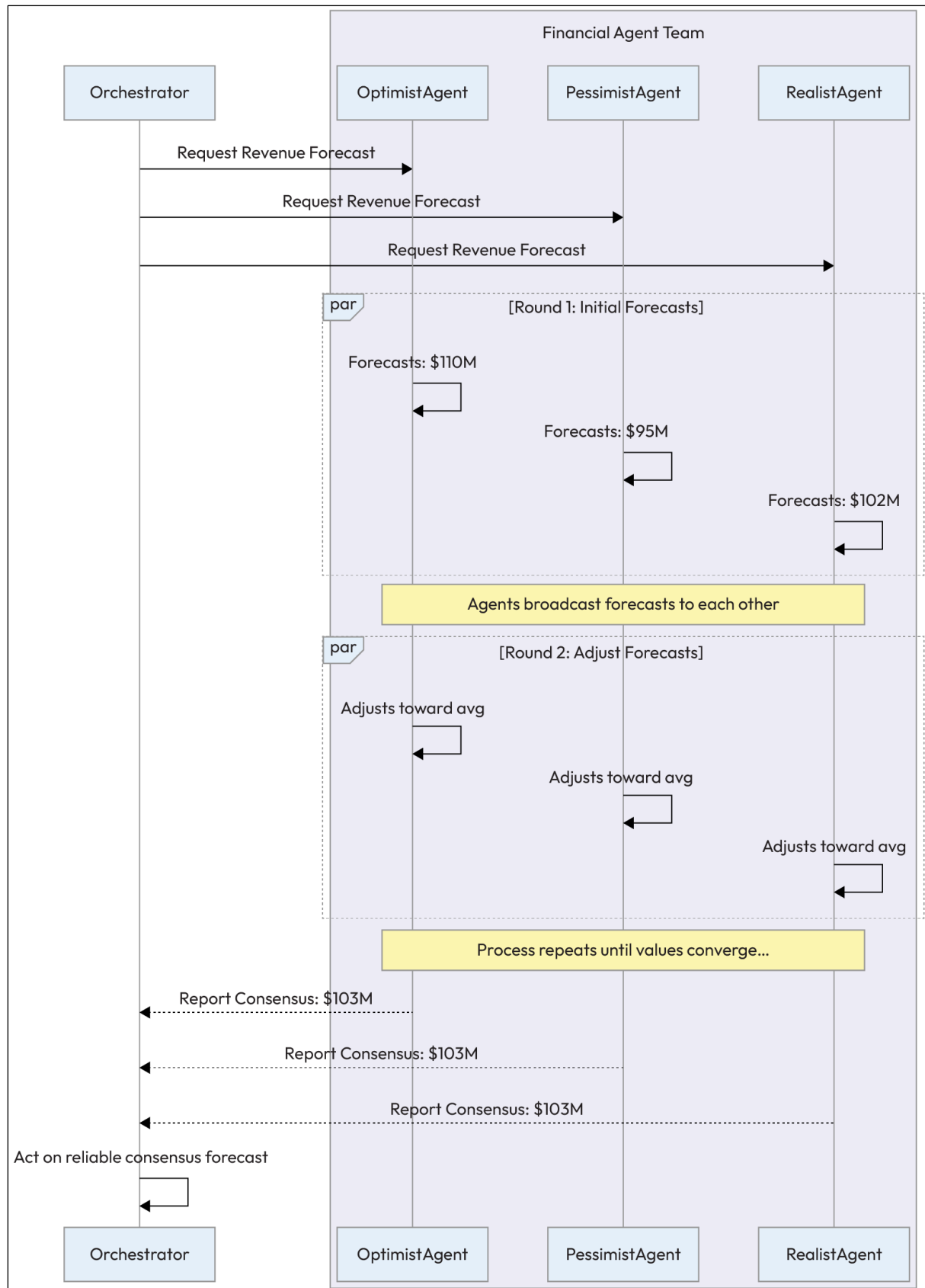


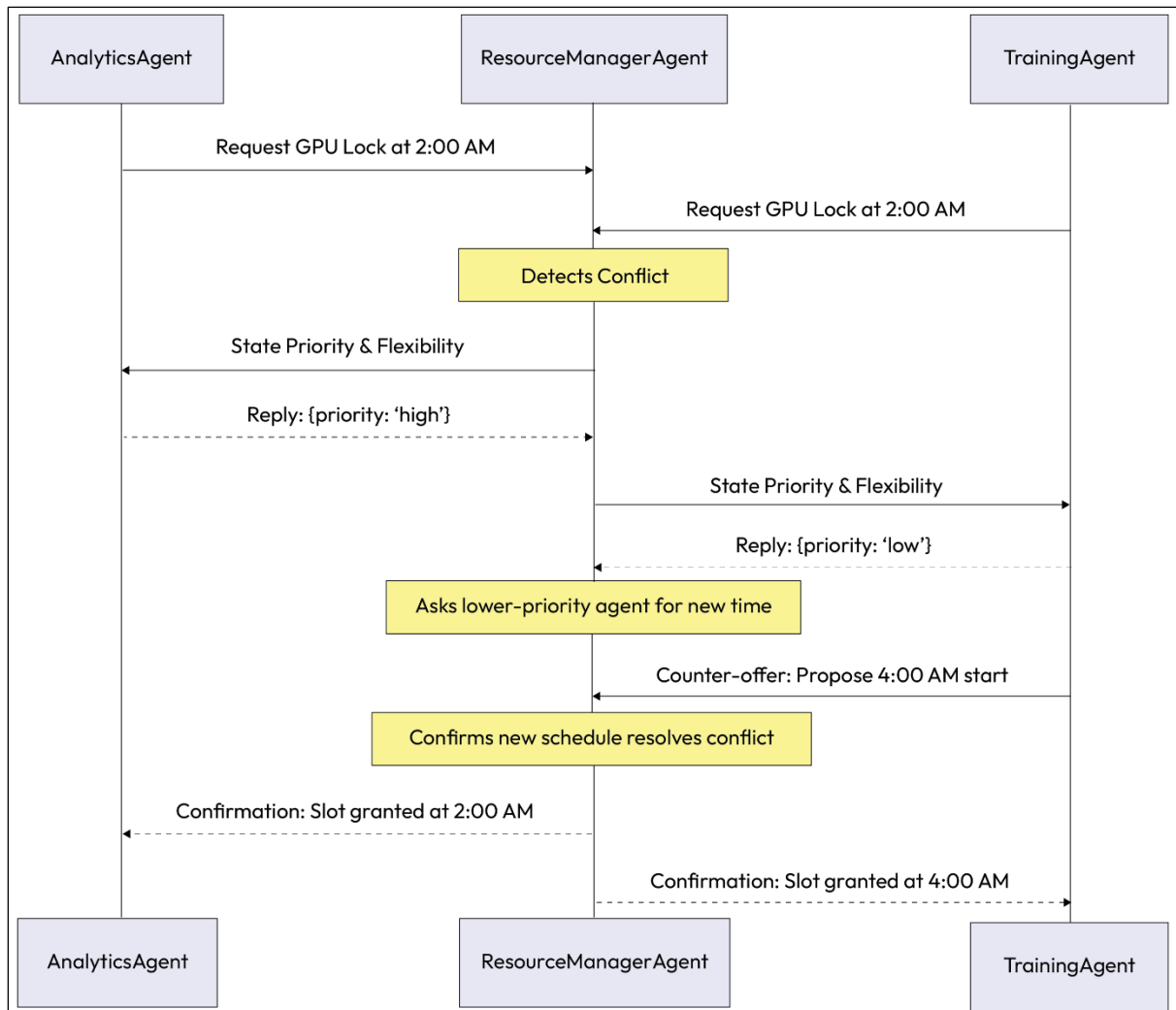


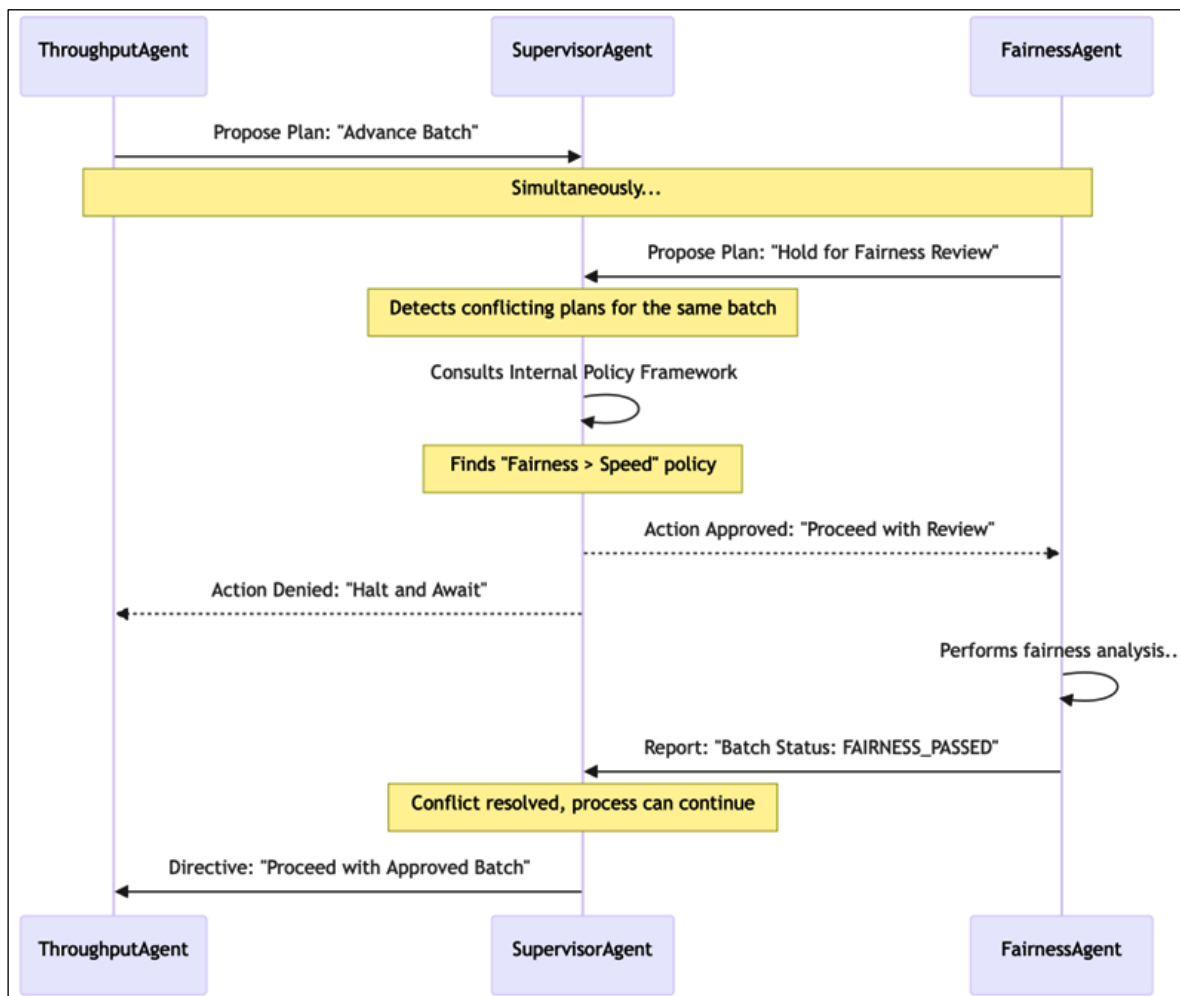
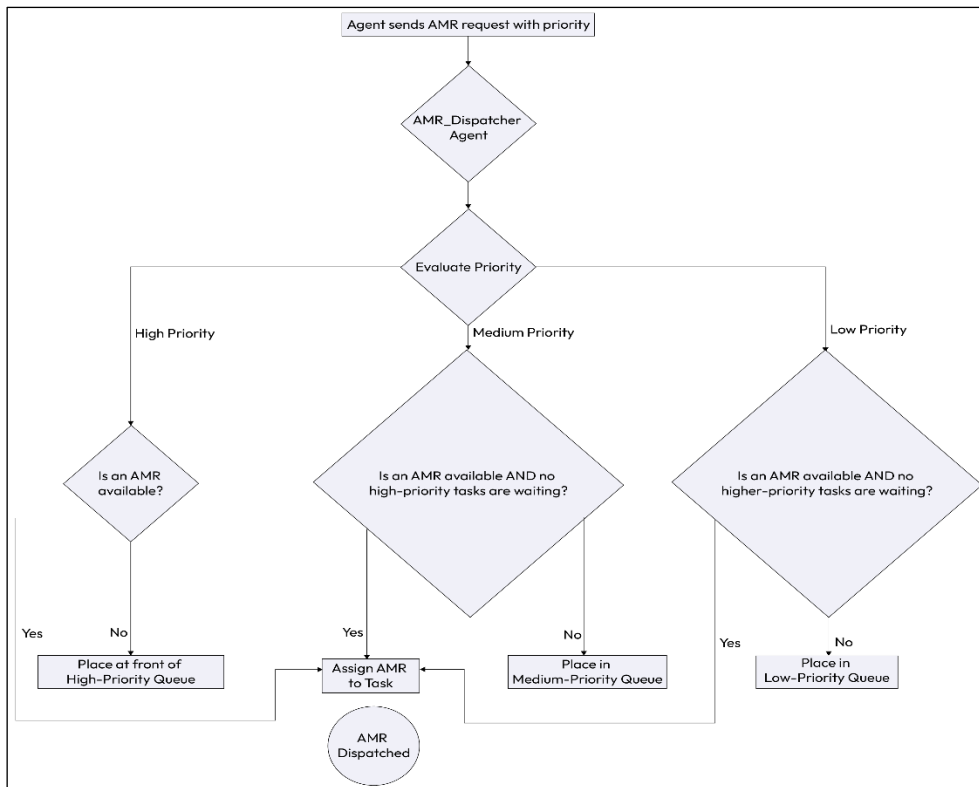


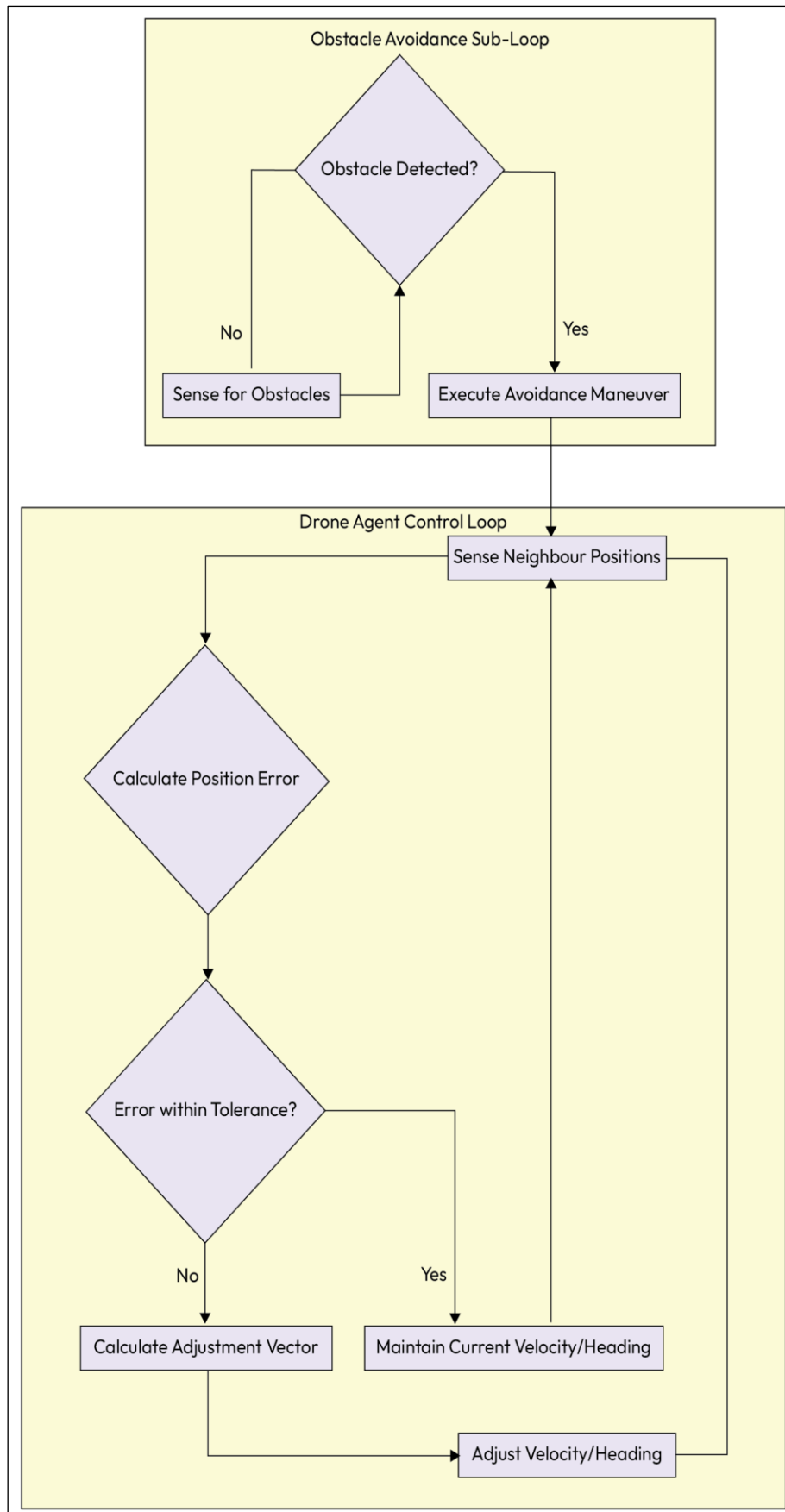




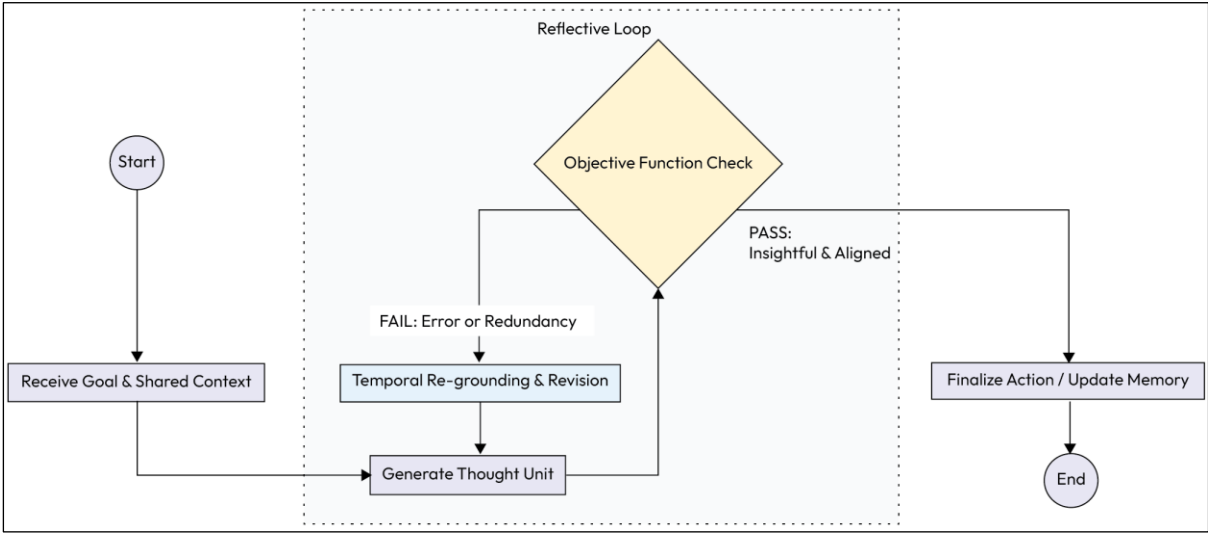
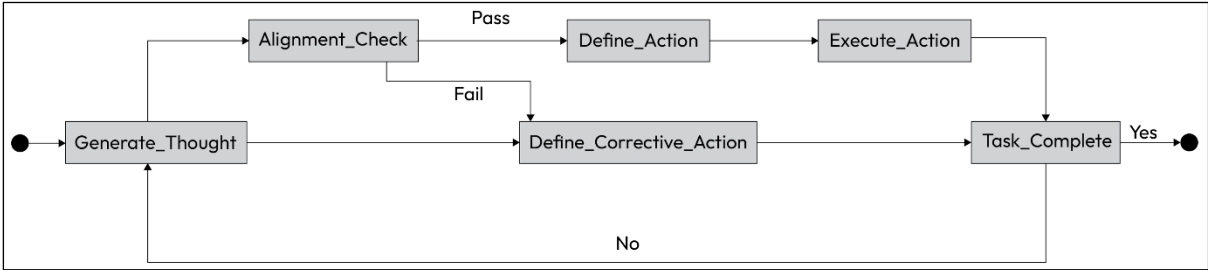
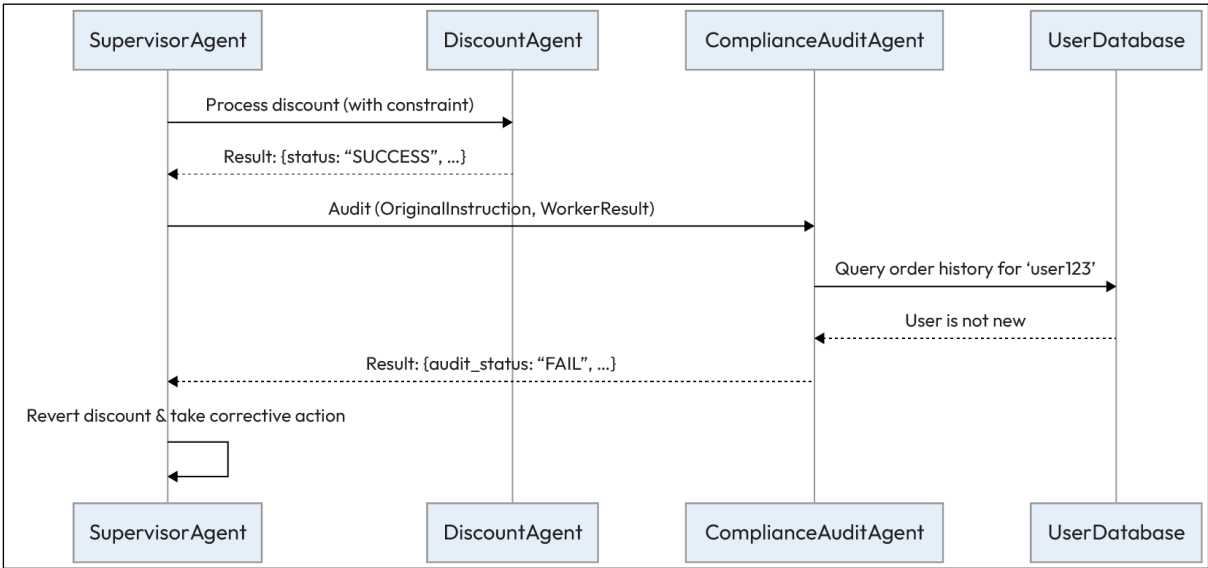




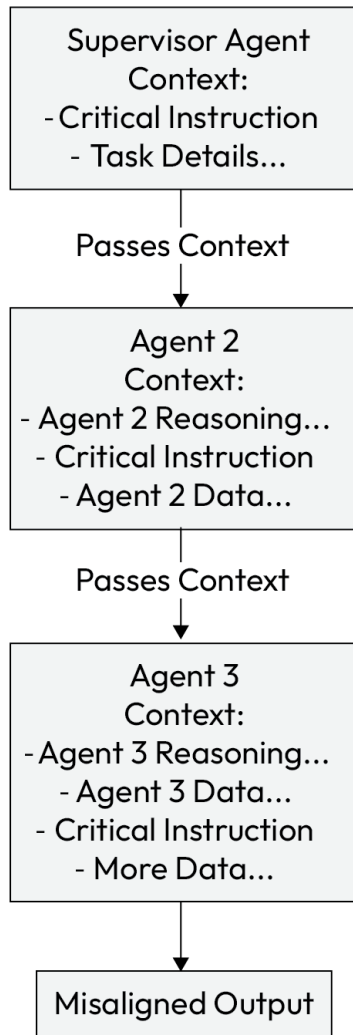




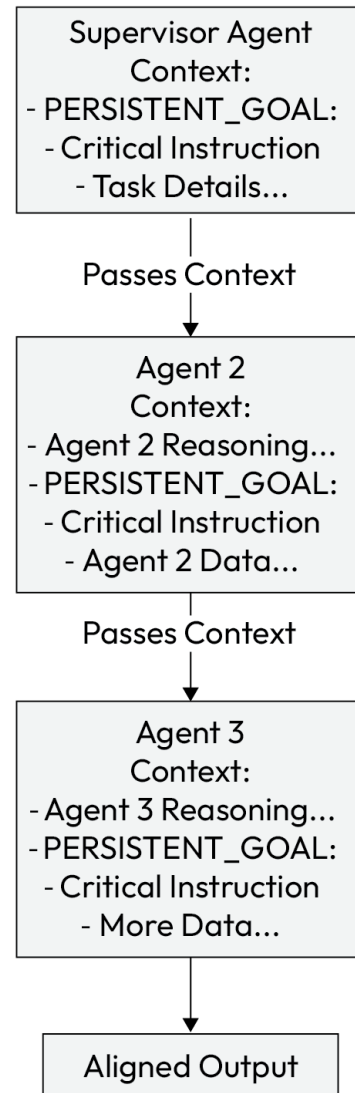
Chapter 6: Explainability and Compliance Agentic Patterns

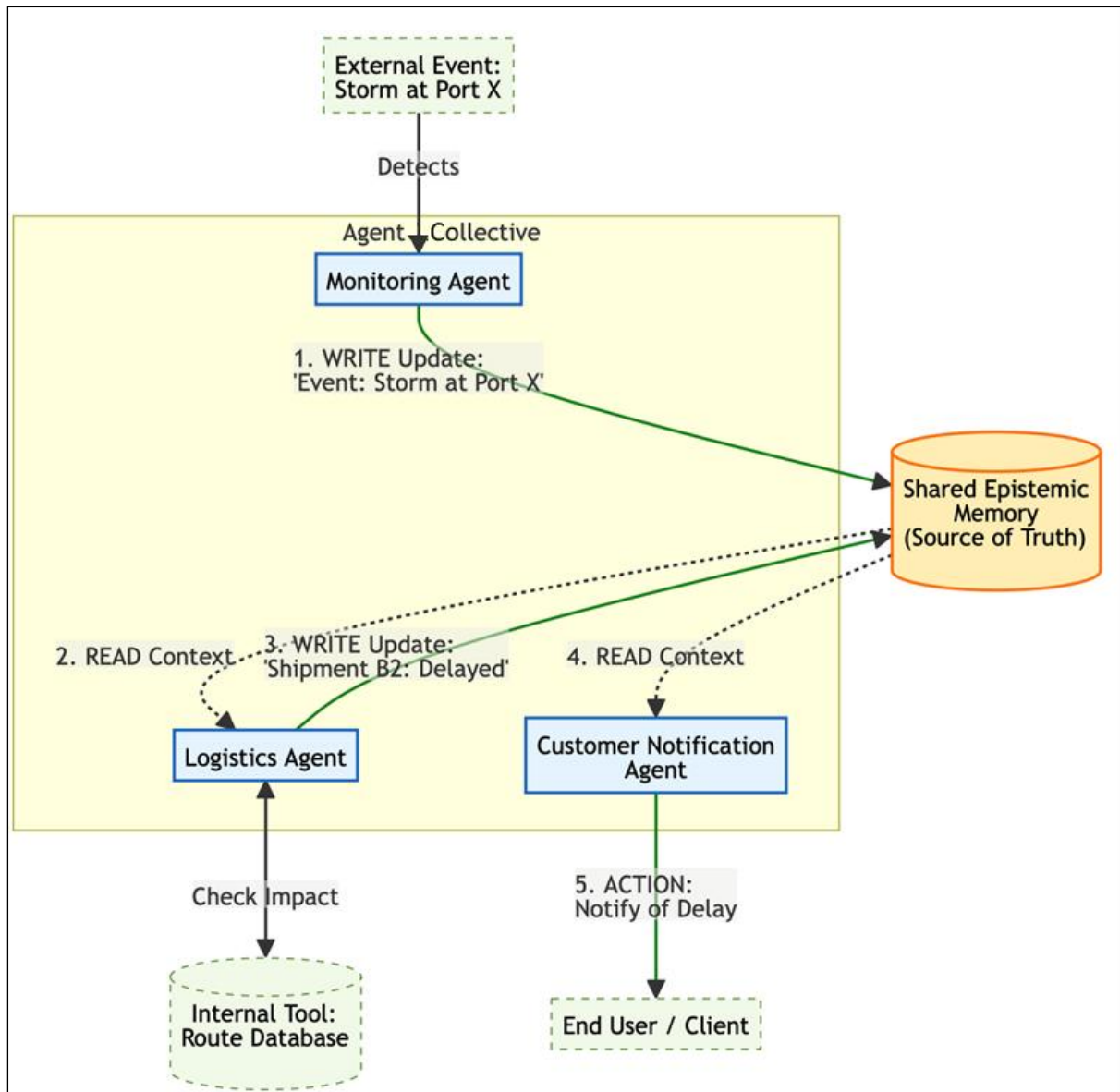


Without Anchoring: Instruction Drift

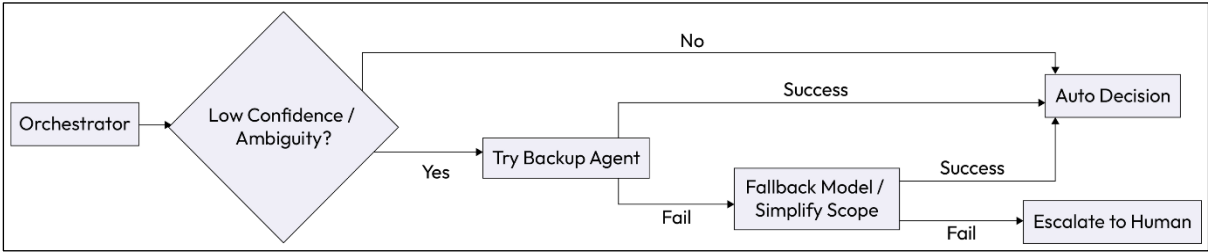
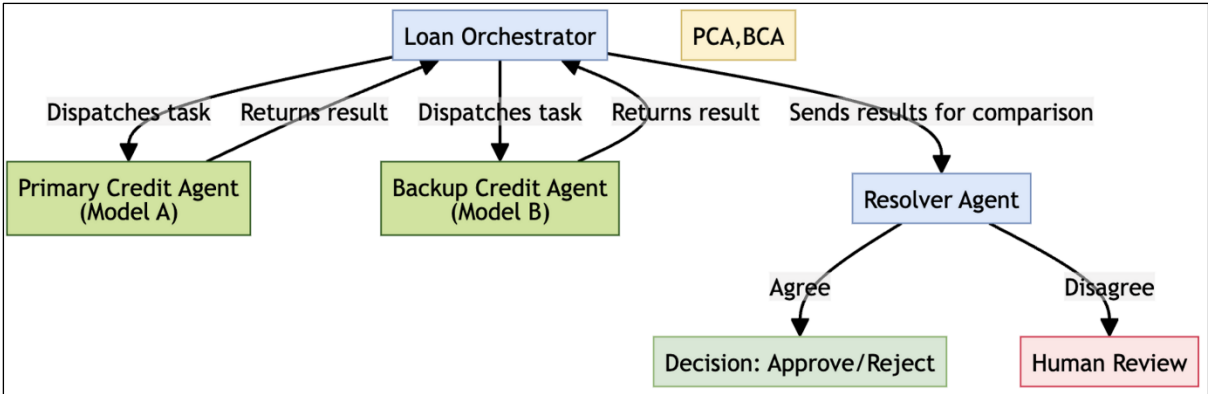
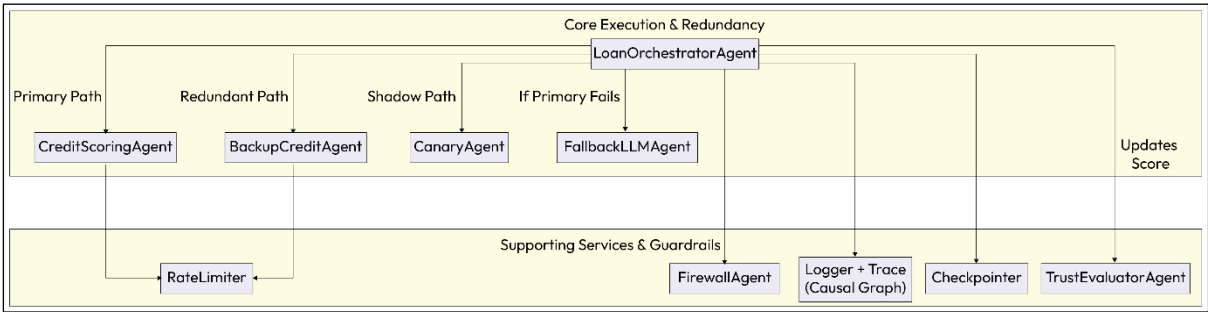


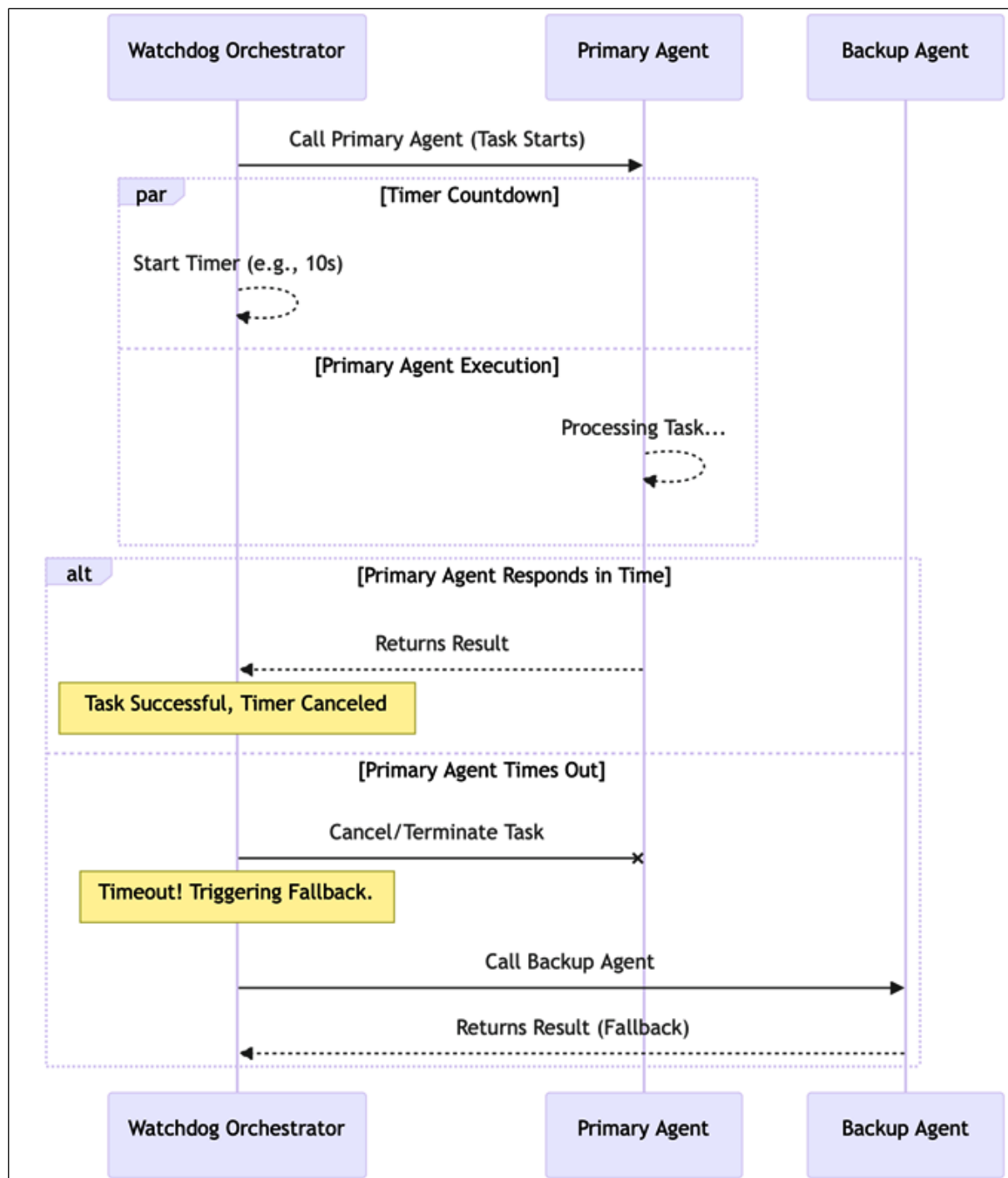
With Persistent Instruction Anchoring

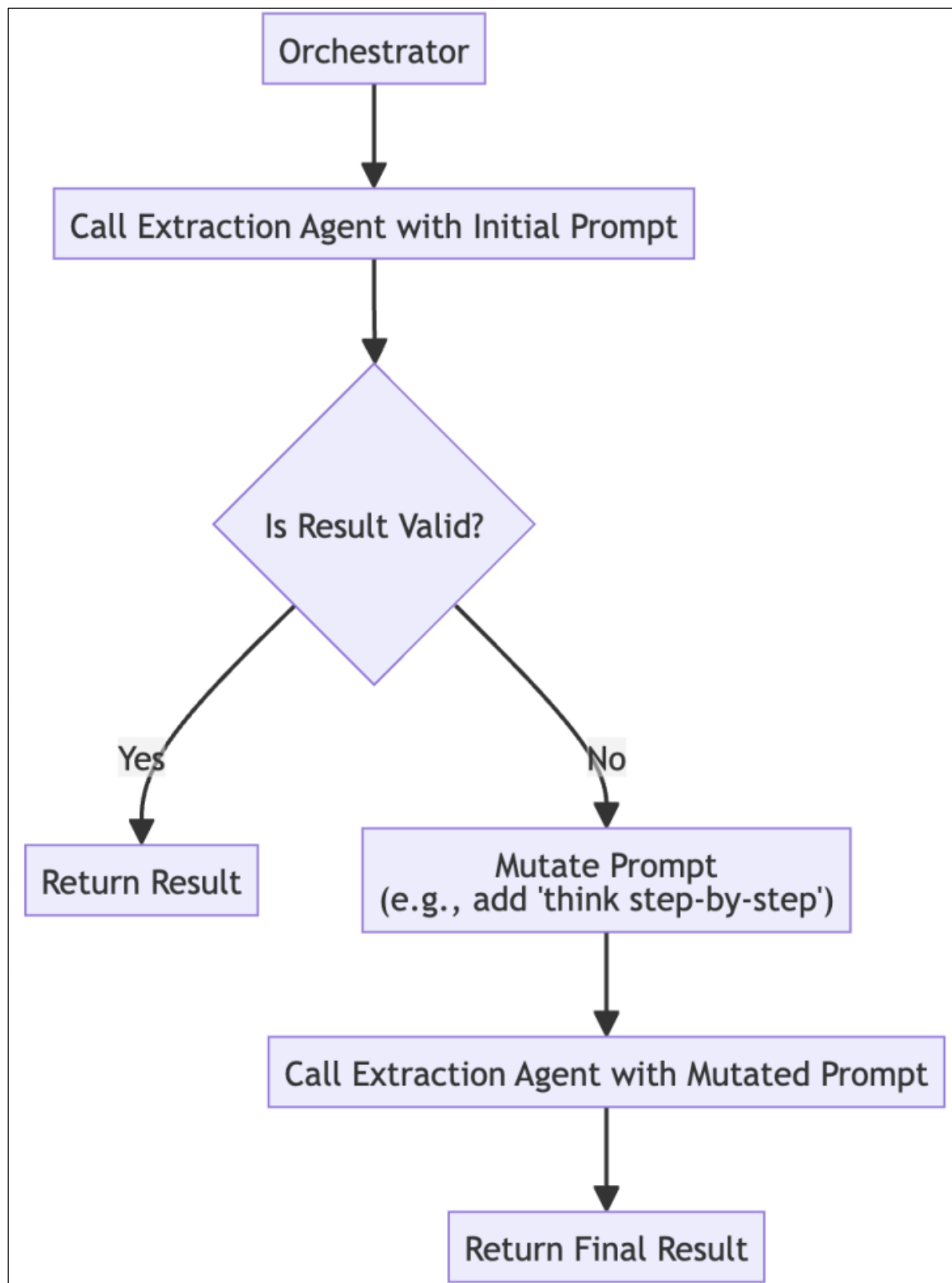


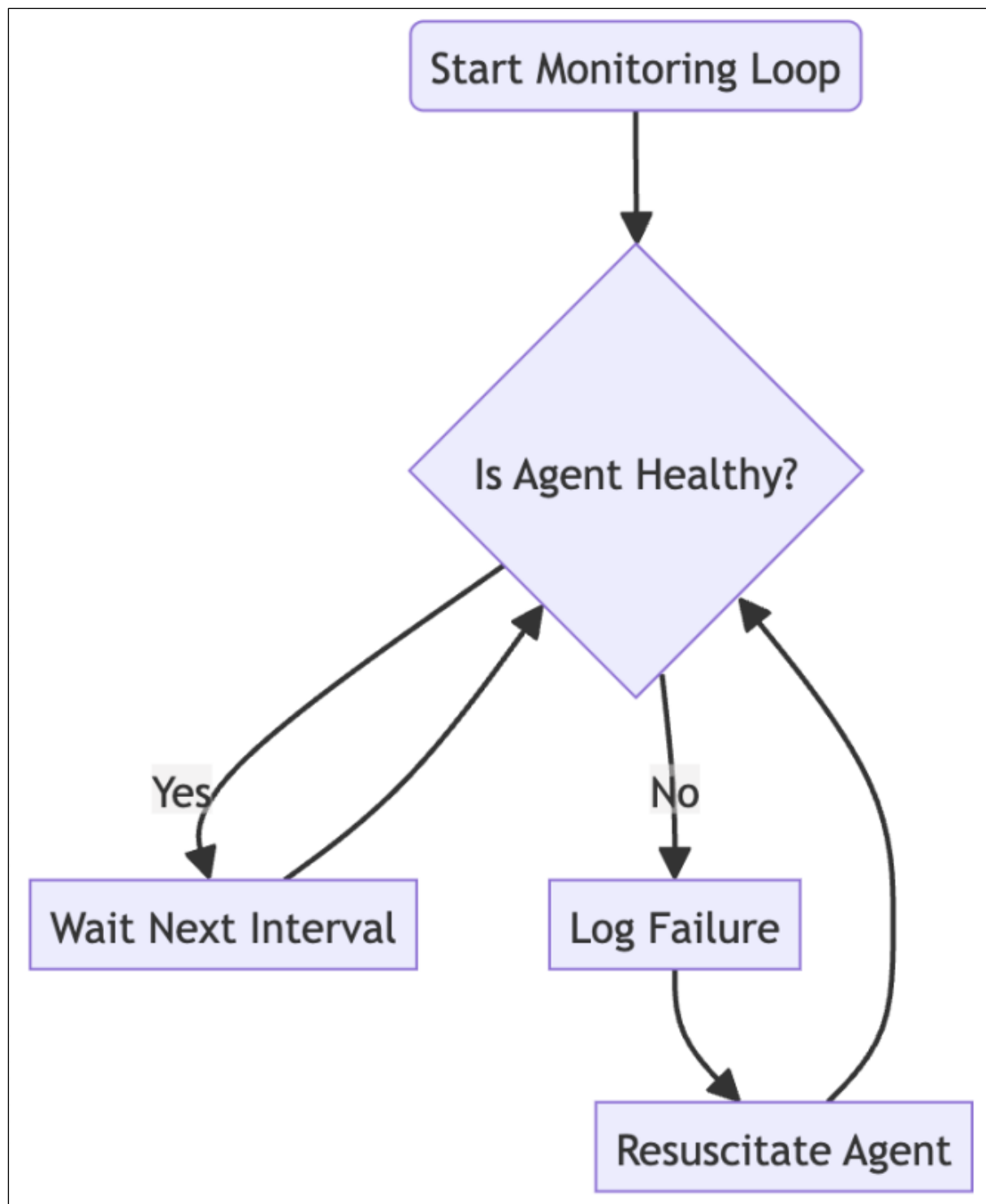


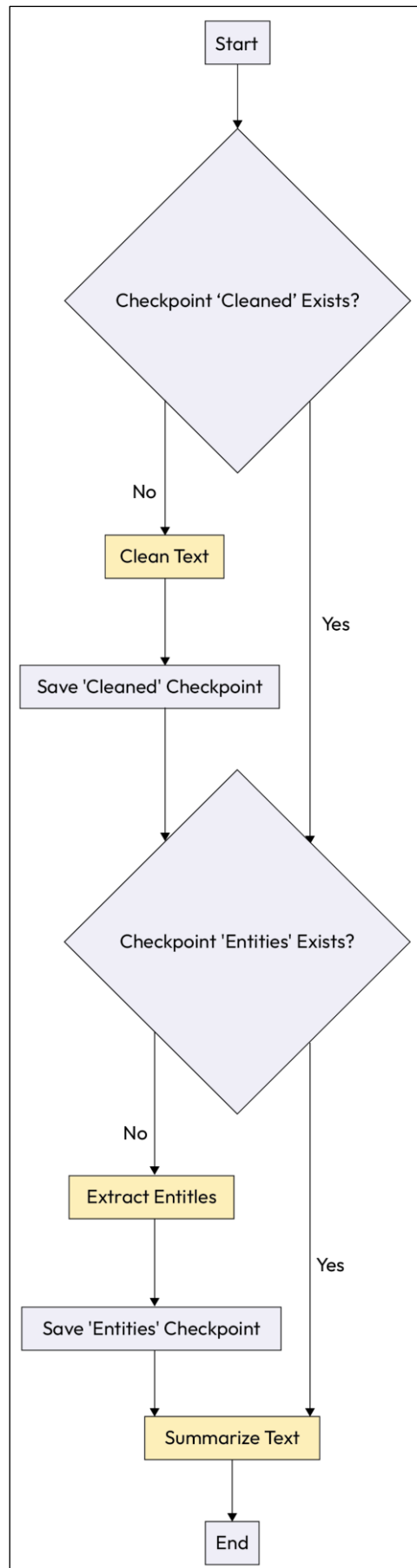
Chapter 7: Robustness and Fault Tolerance Patterns

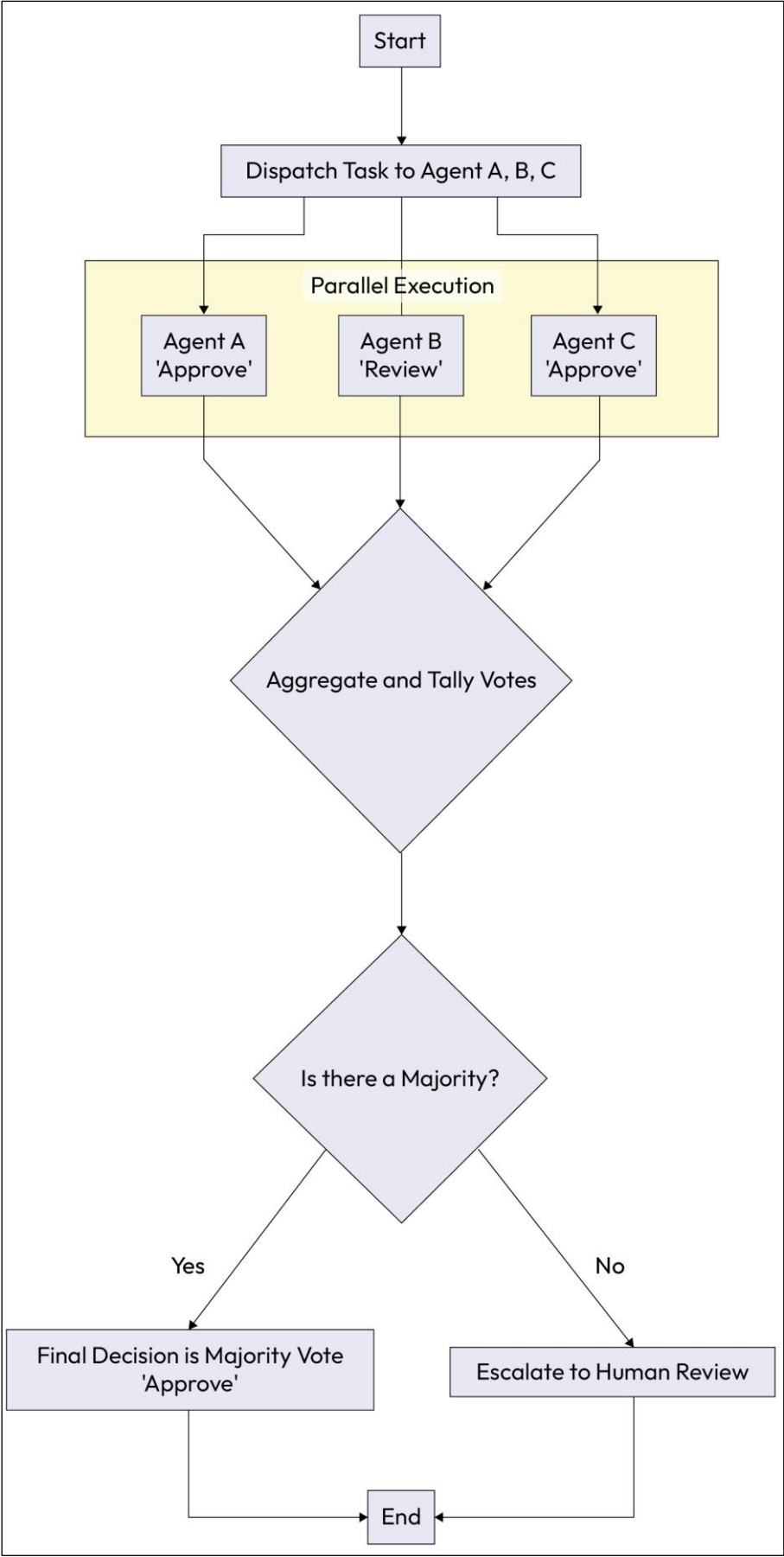












Loan Application Causal Graph

Node 1: Raw Application Data

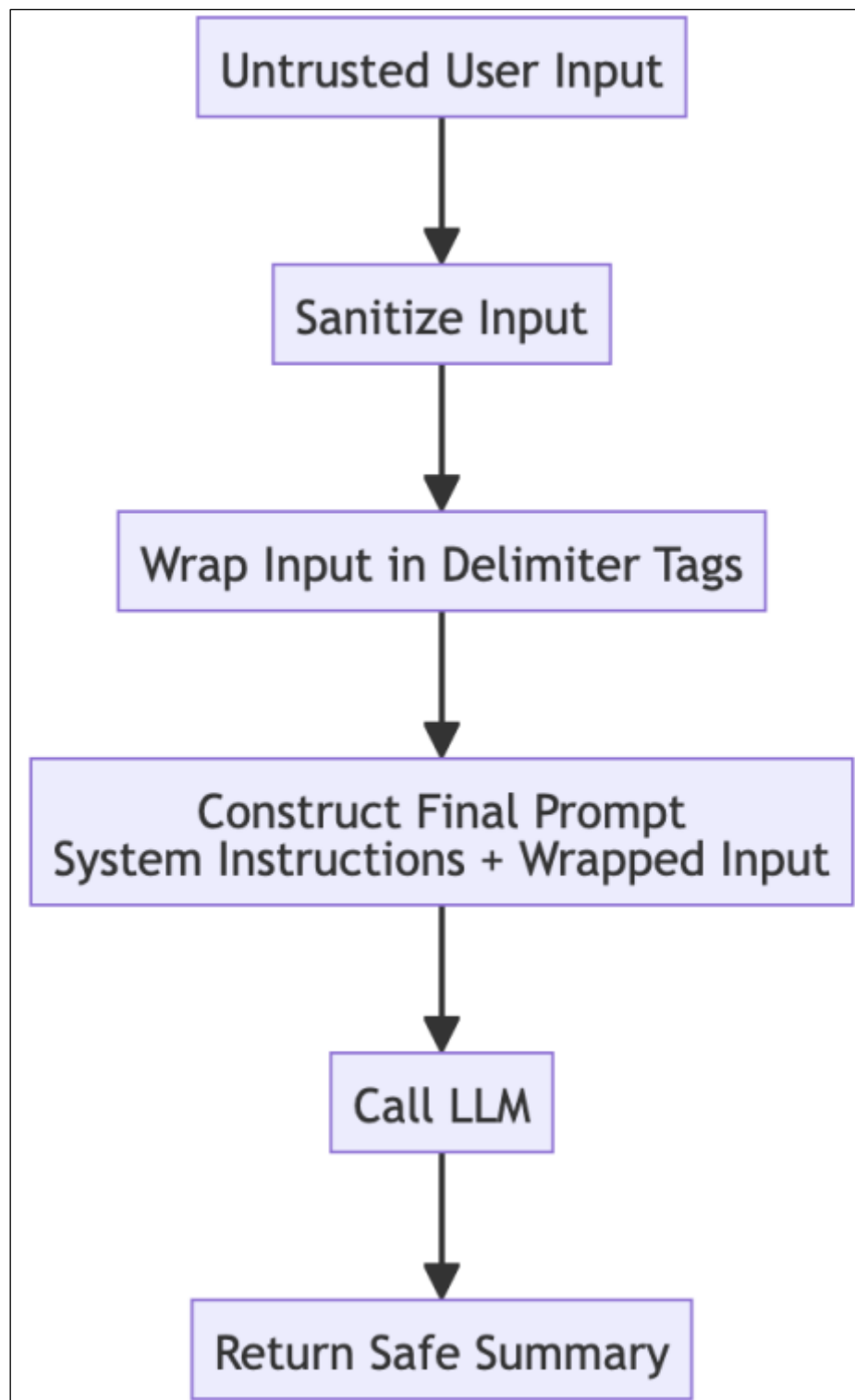
Node 2: DataValidationAgent
Output: Validated Data

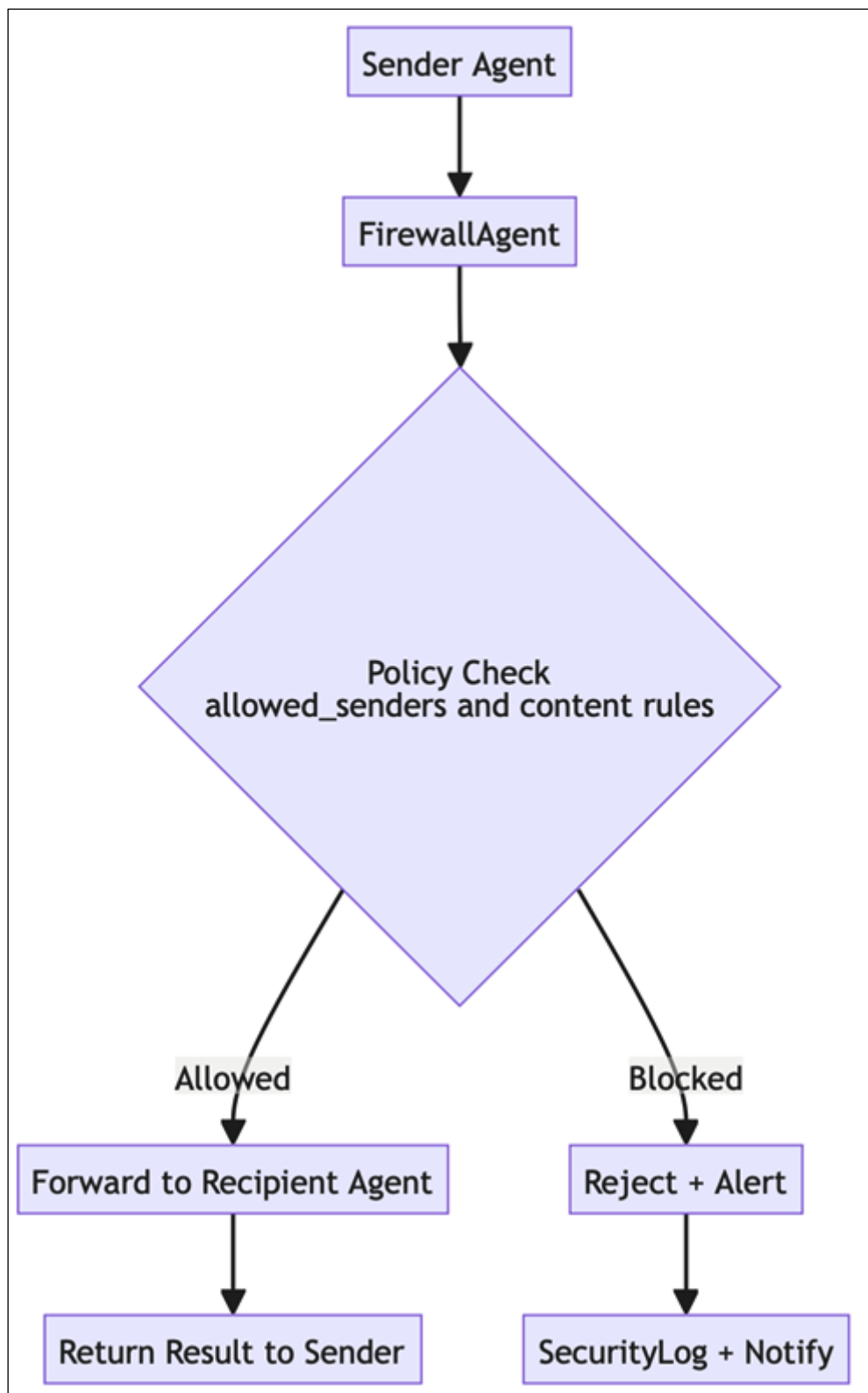
Node 3: External Credit Report

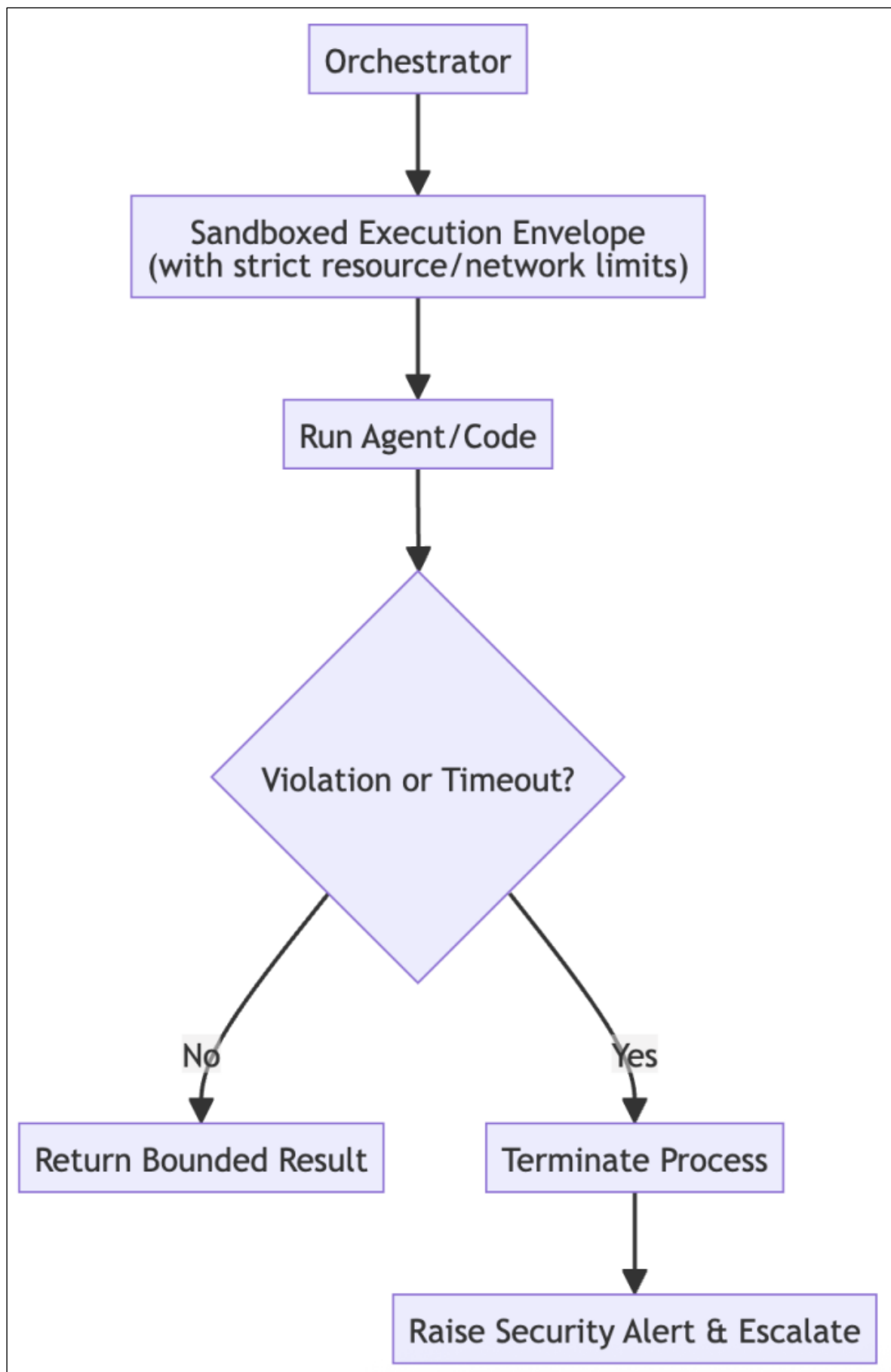
Node 4: RiskAssessmentAgent
Output: Risk Score = 75

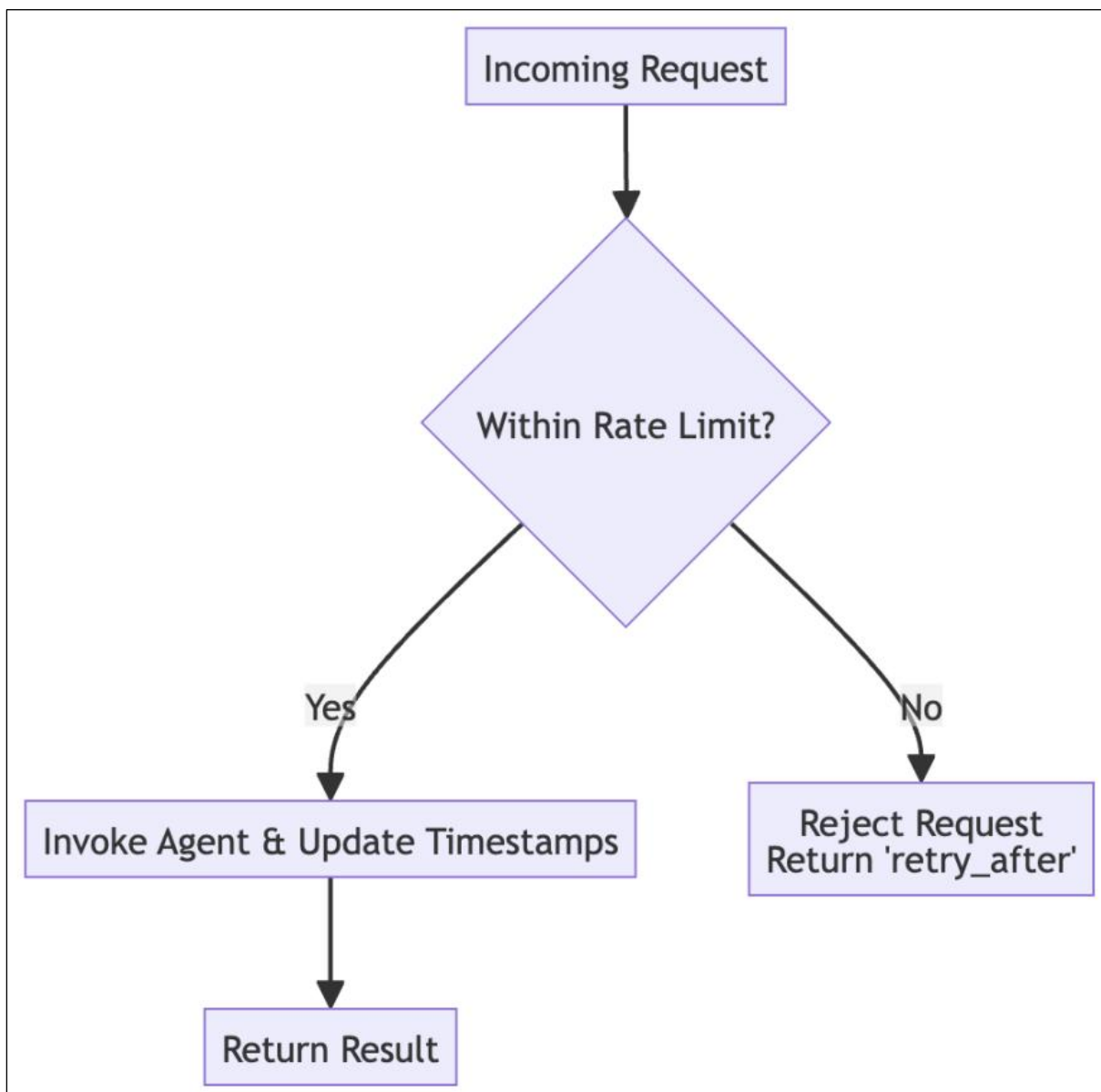
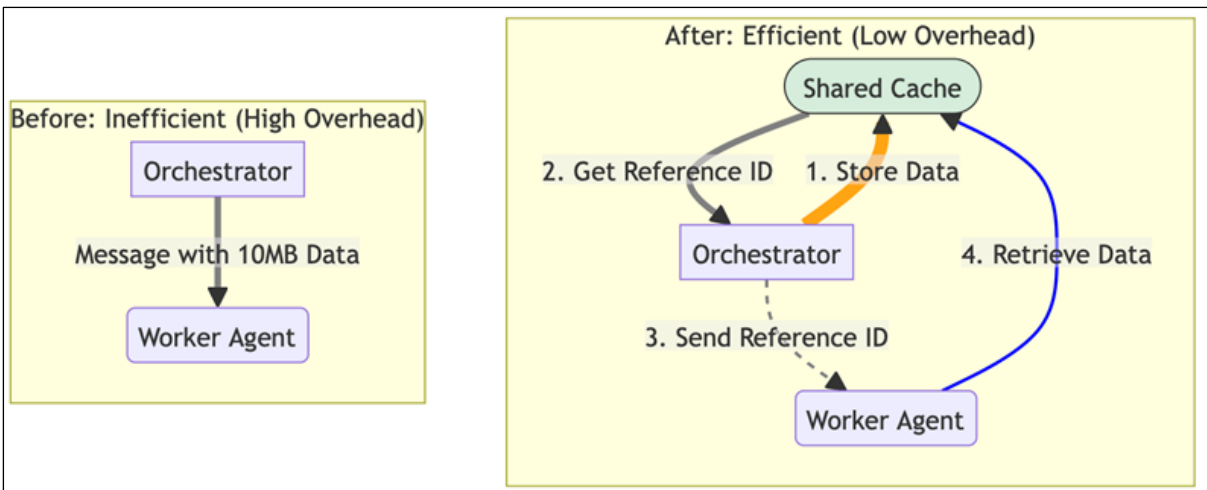
Node 5: FinalDecisionAgent
Output: Decision = Deny

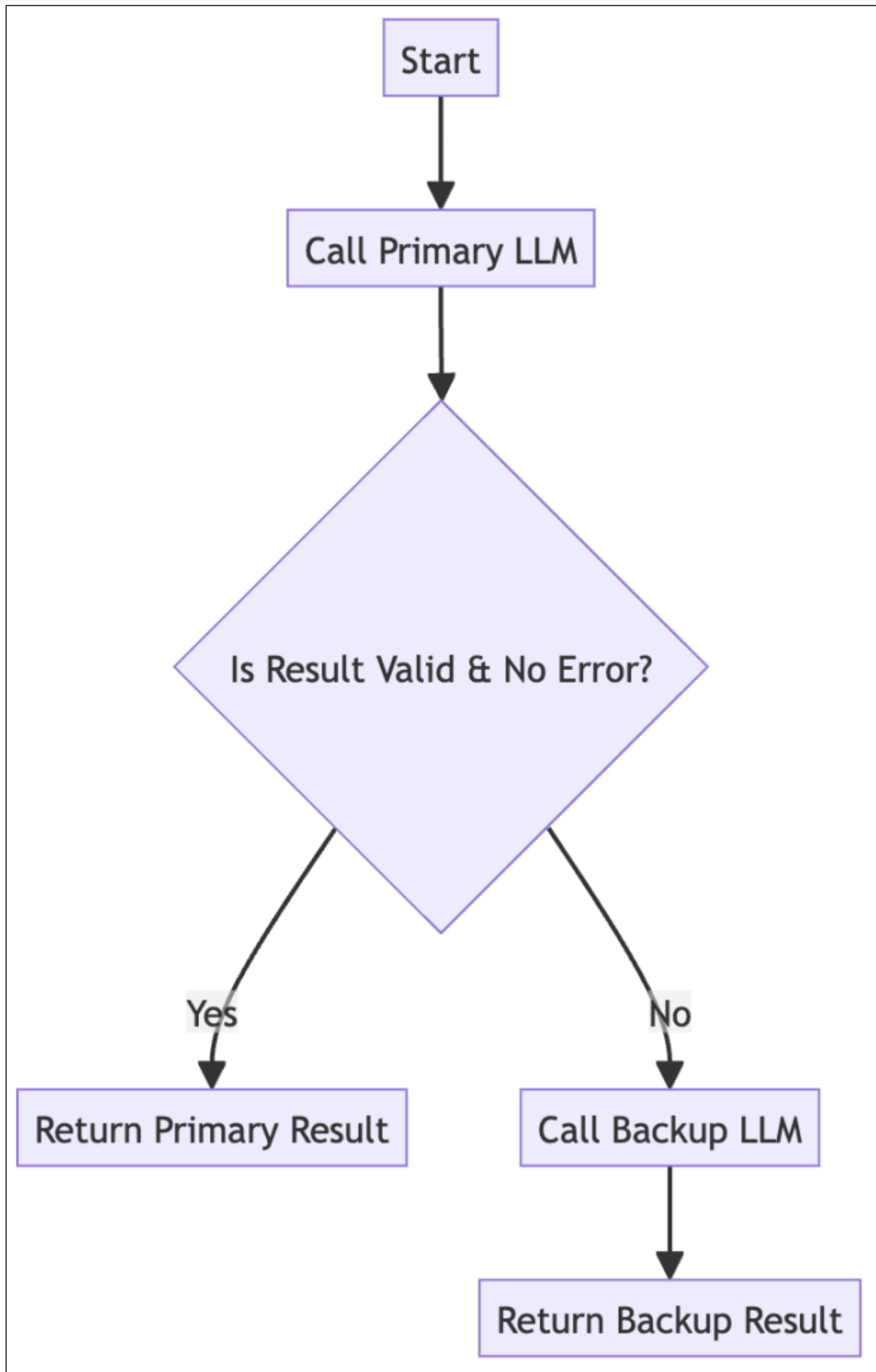


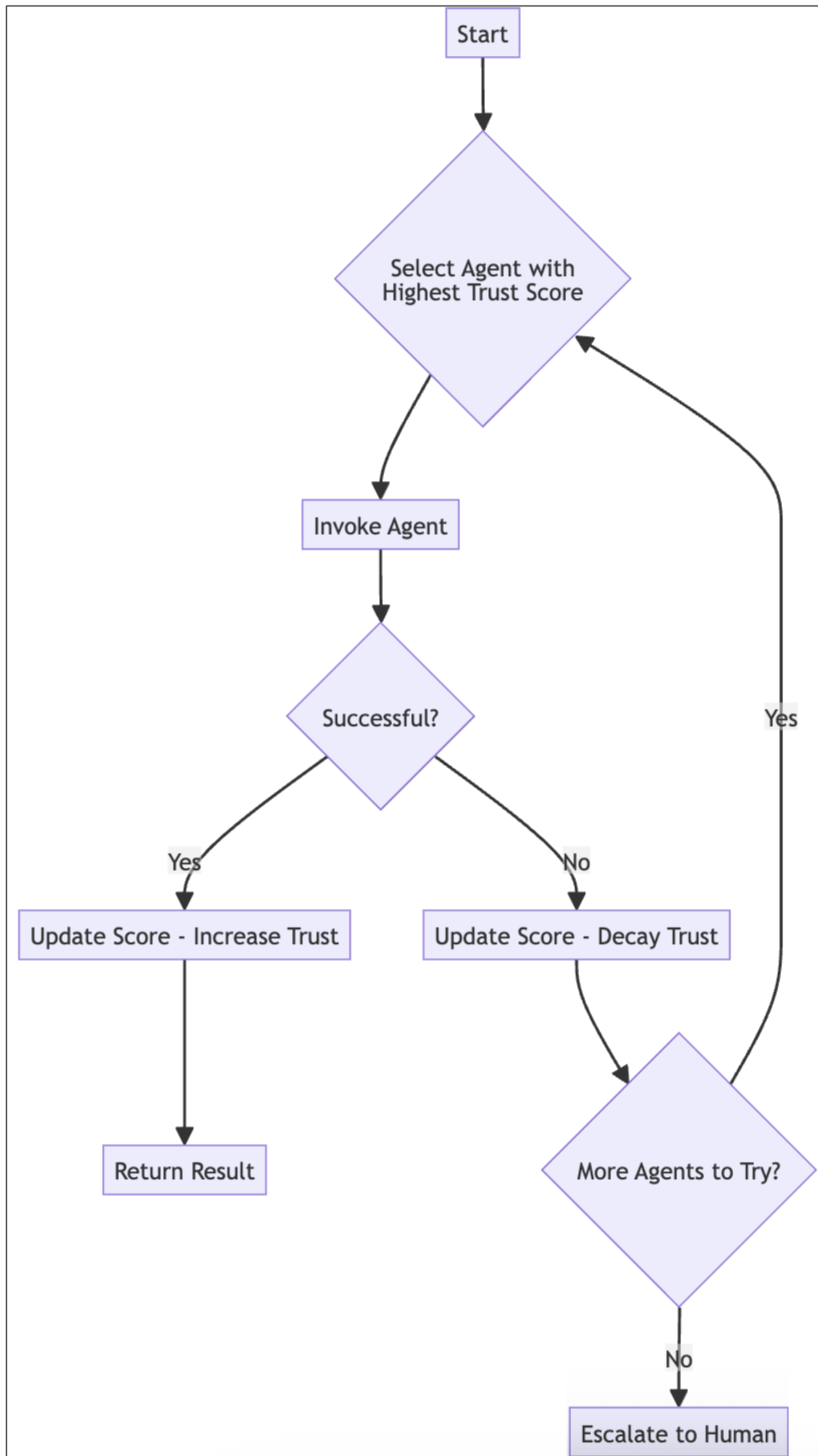


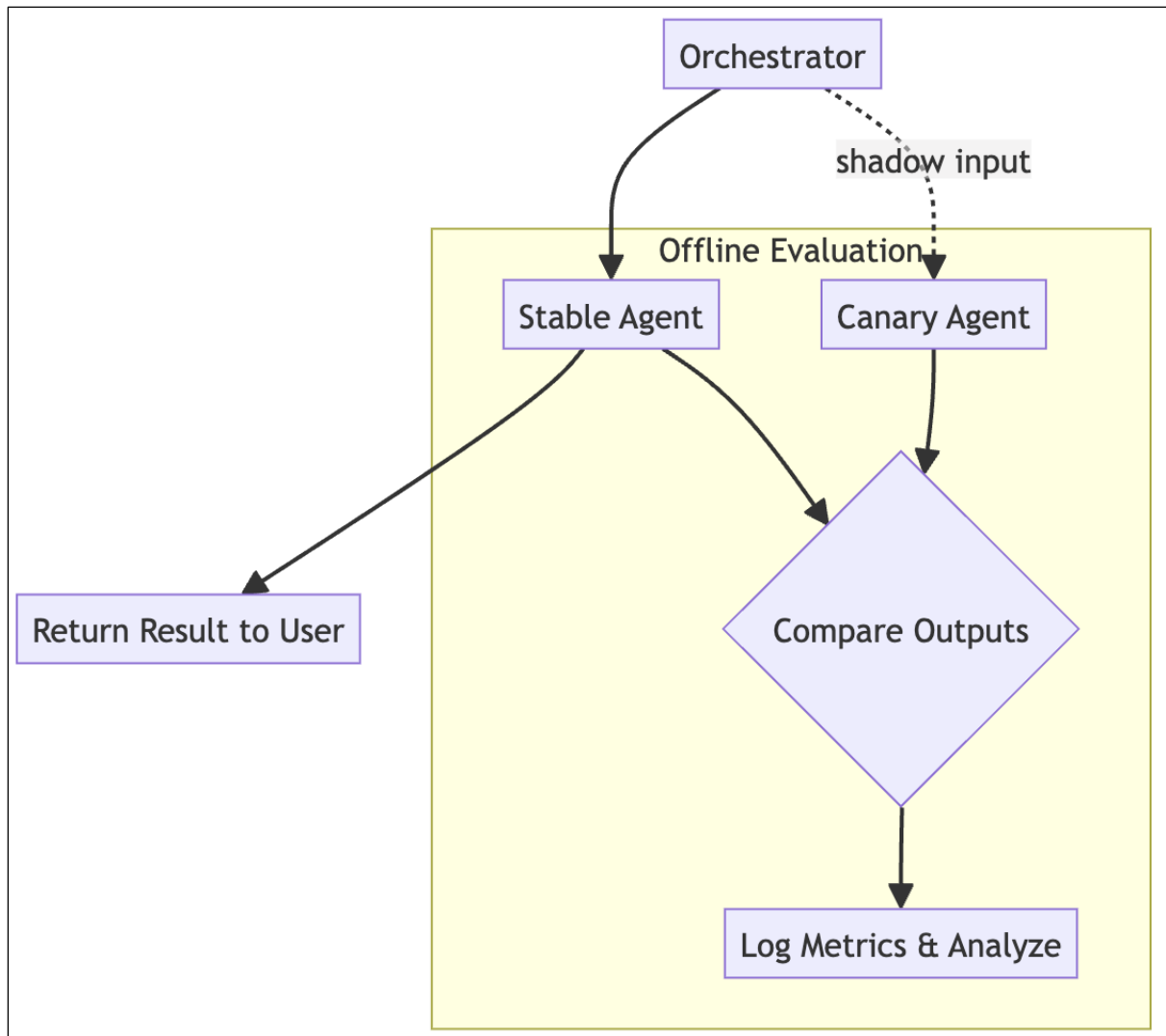




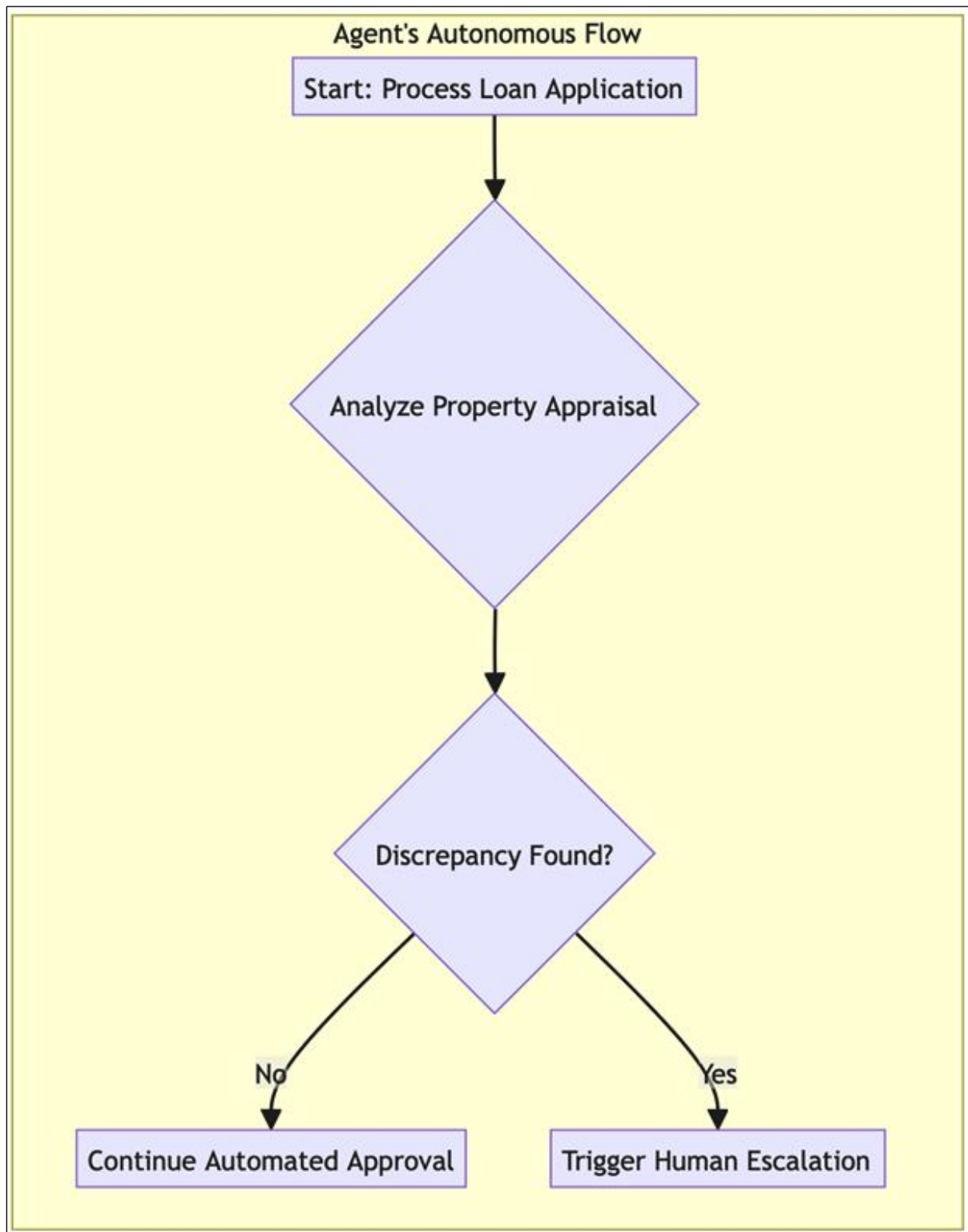








Chapter 8: Human-Agent Interaction Patterns



Human Escalation and Resolution Flow

Agent Calls HumanReviewTool



Human Underwriter Notified



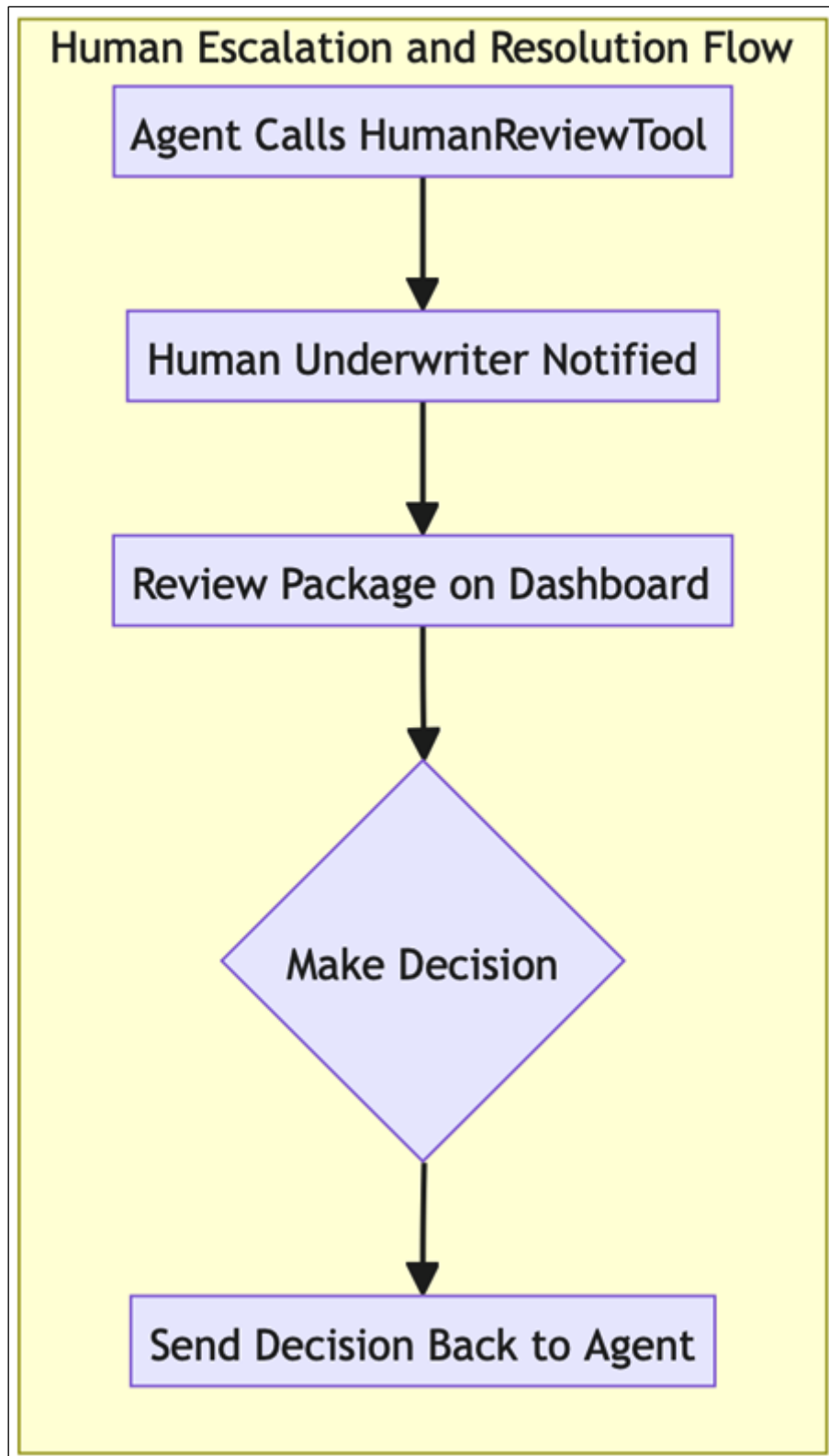
Review Package on Dashboard

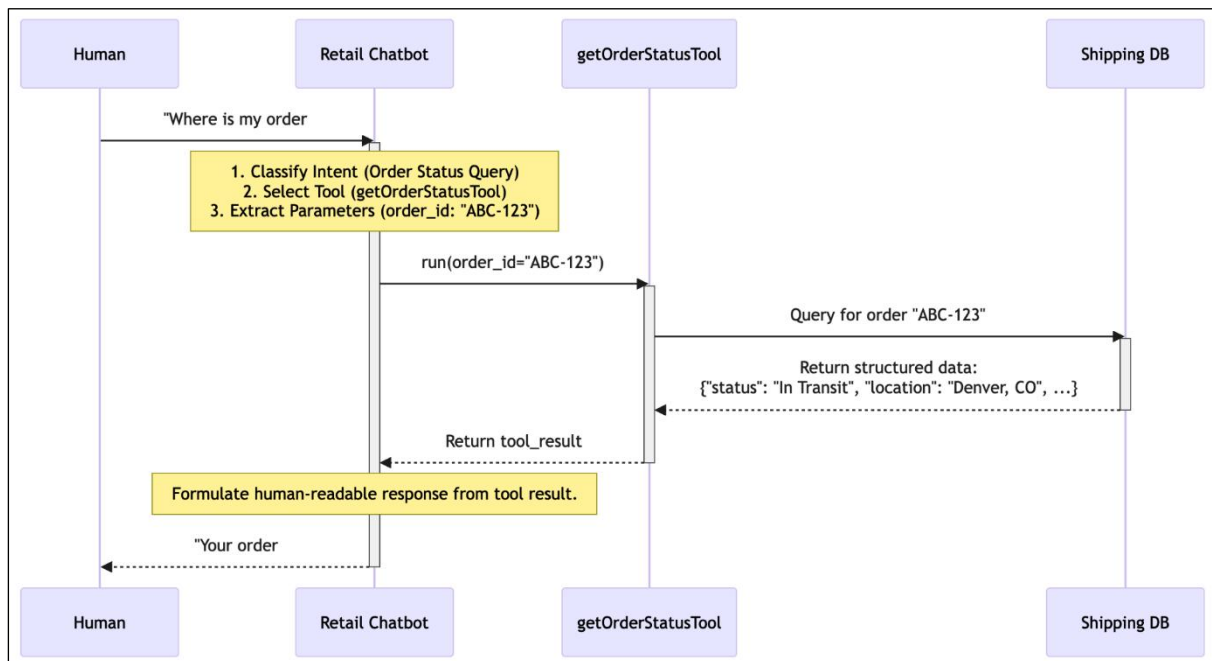
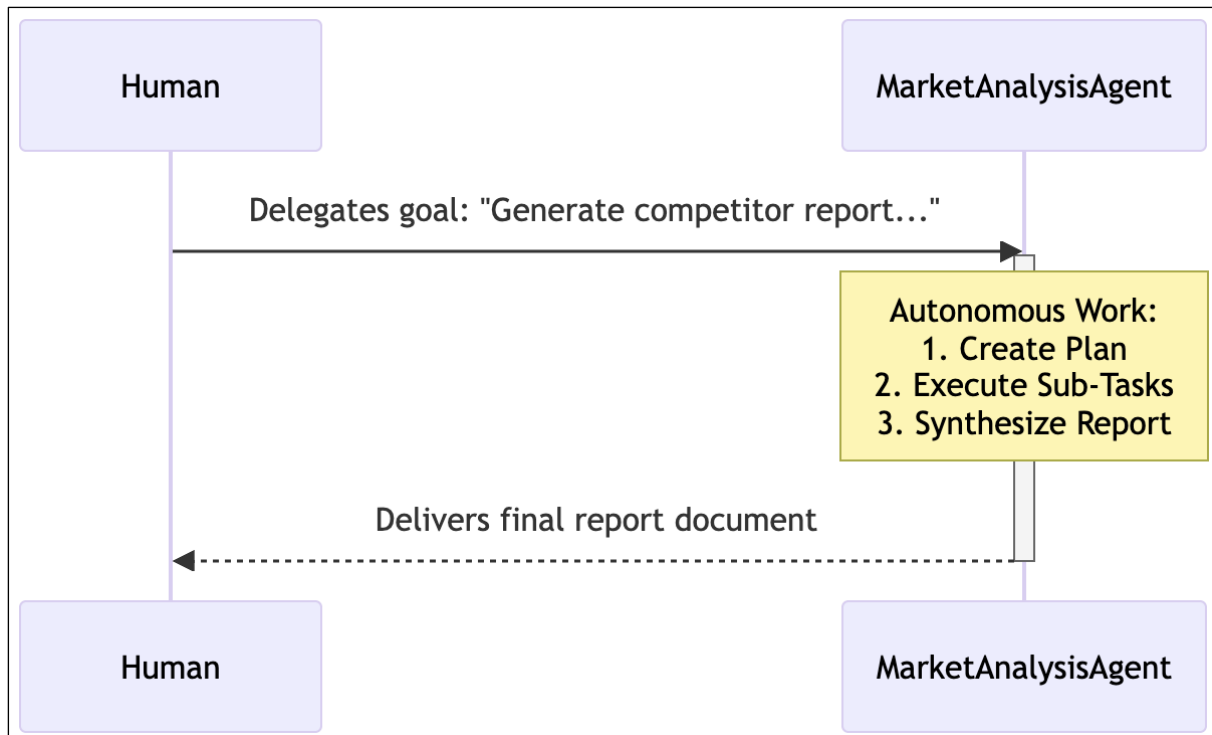


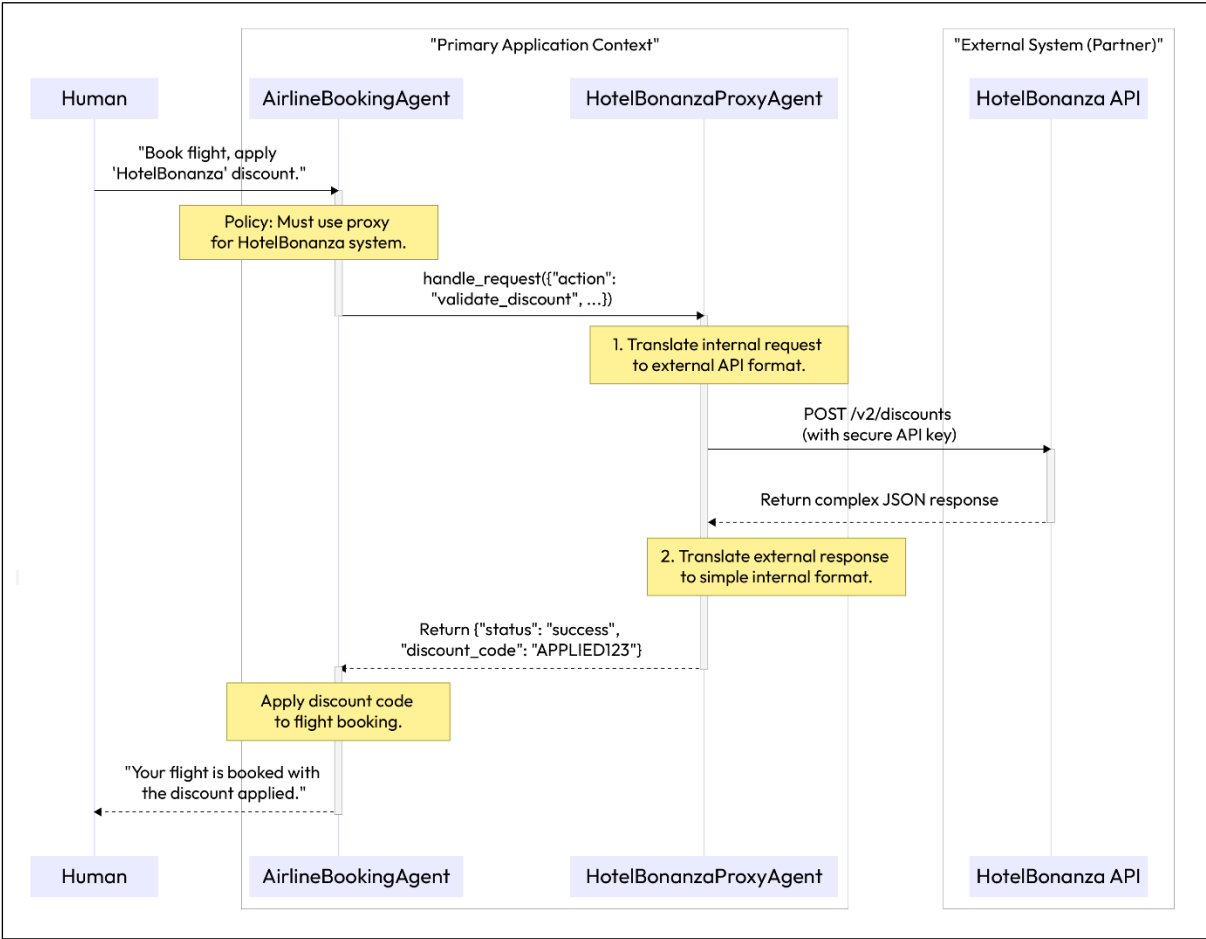
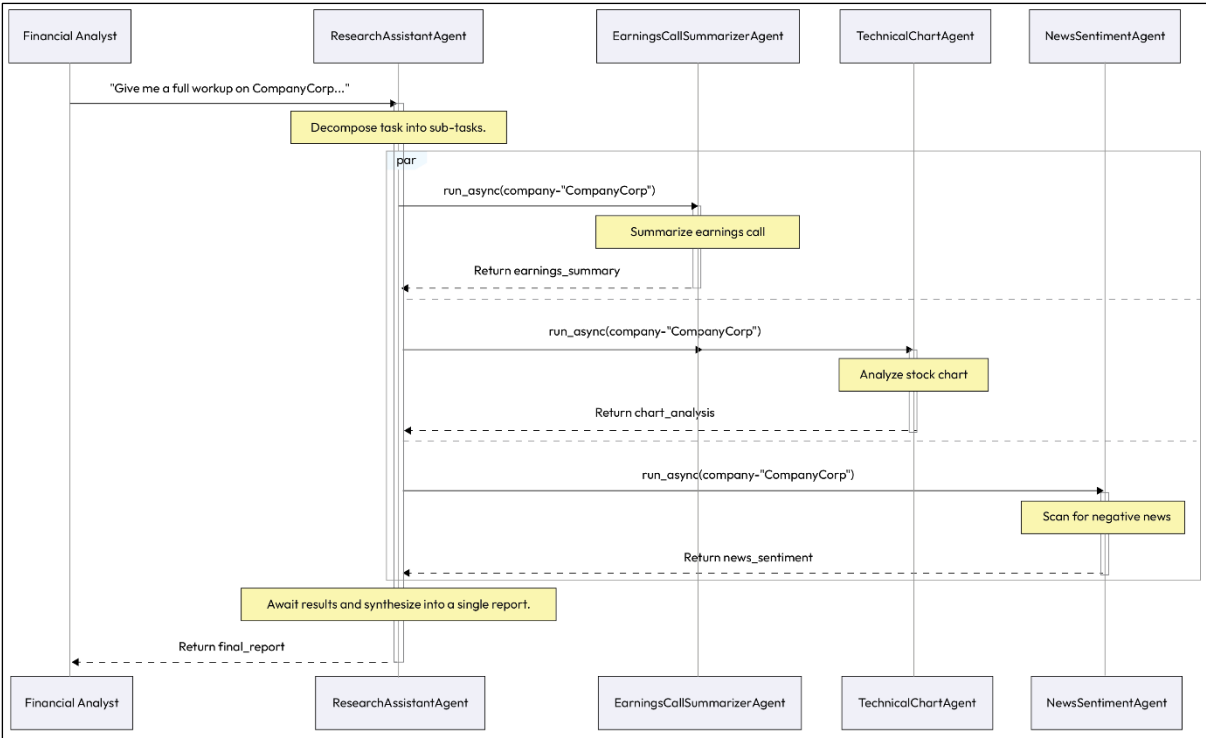
Make Decision



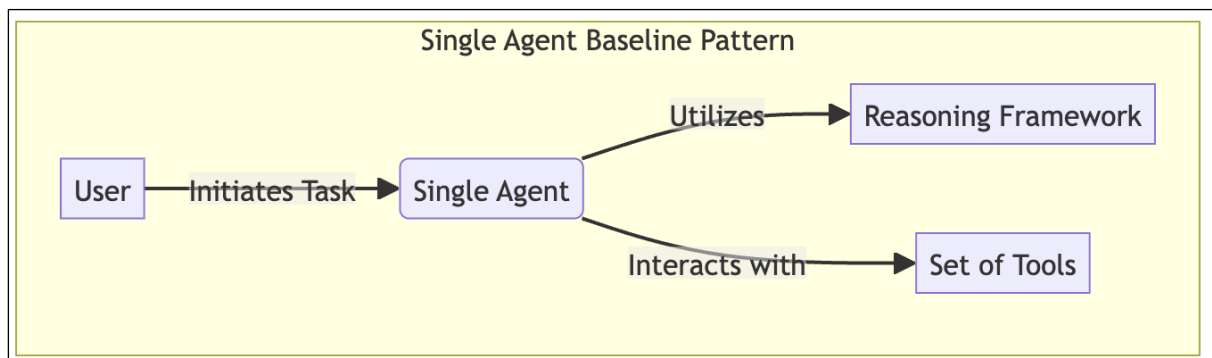
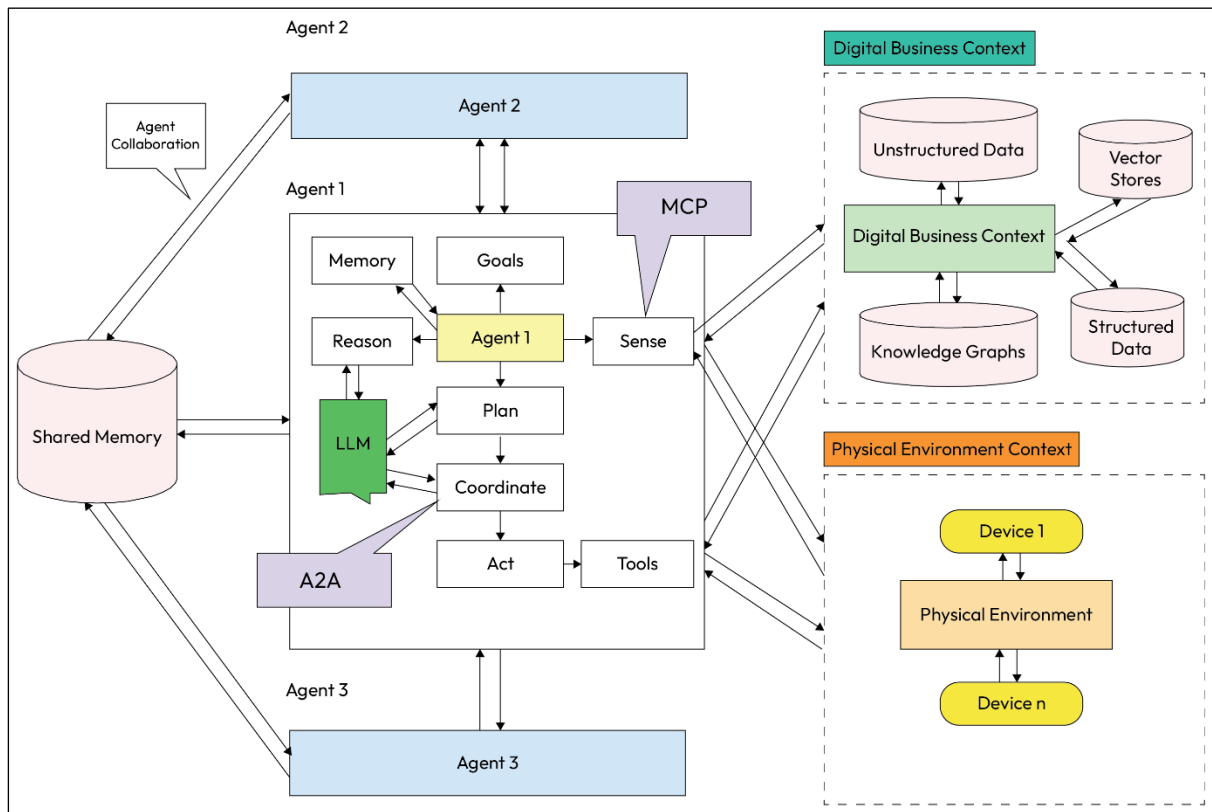
Send Decision Back to Agent







Chapter 9: Agent-Level Patterns



Loan Agent Workflow

Application Submitted



Agent Evaluates



Calls Tool: get_credit_score

Sends Data



Is Credit Score $\geq$ 680?

Yes

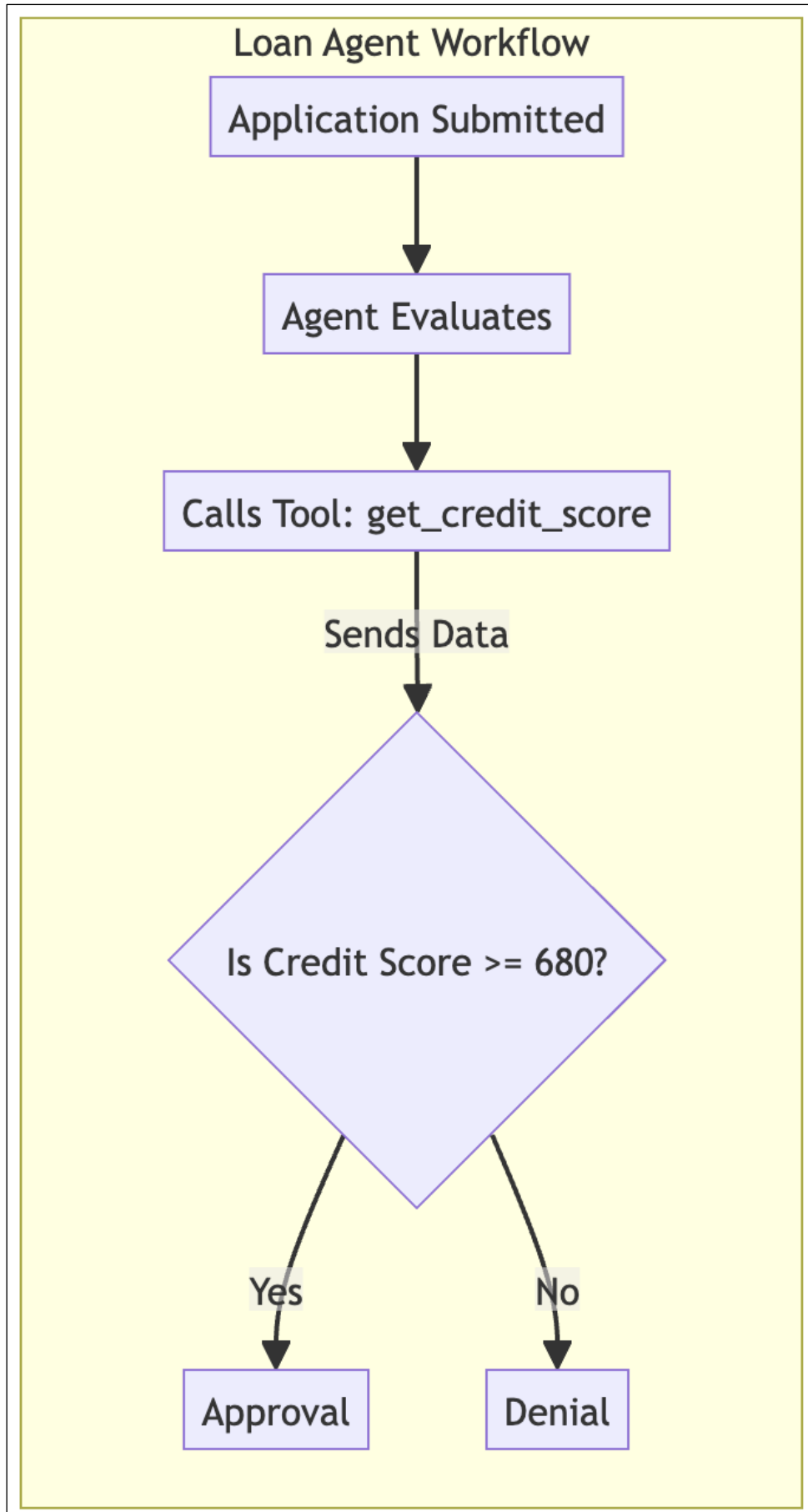


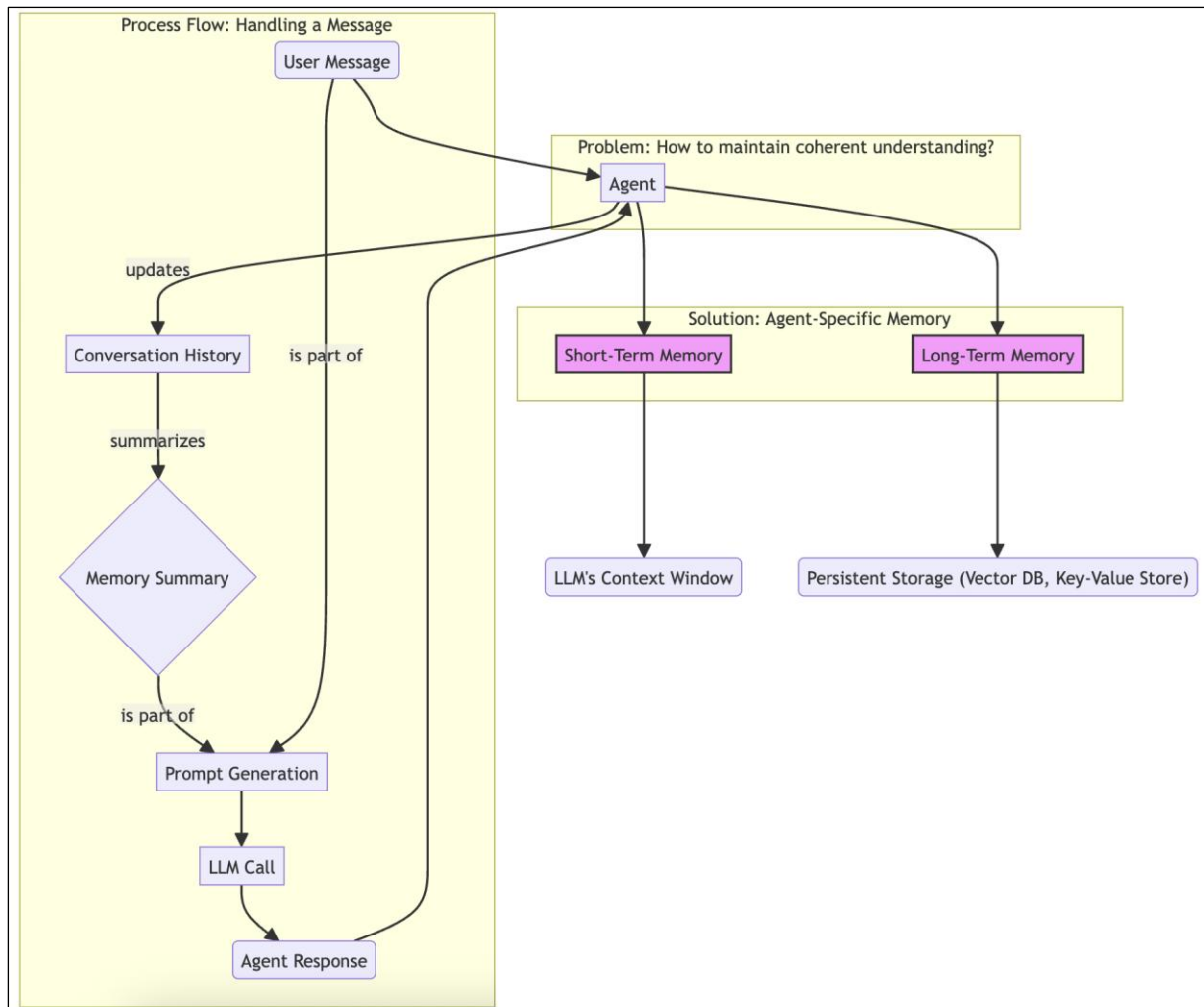
Approval

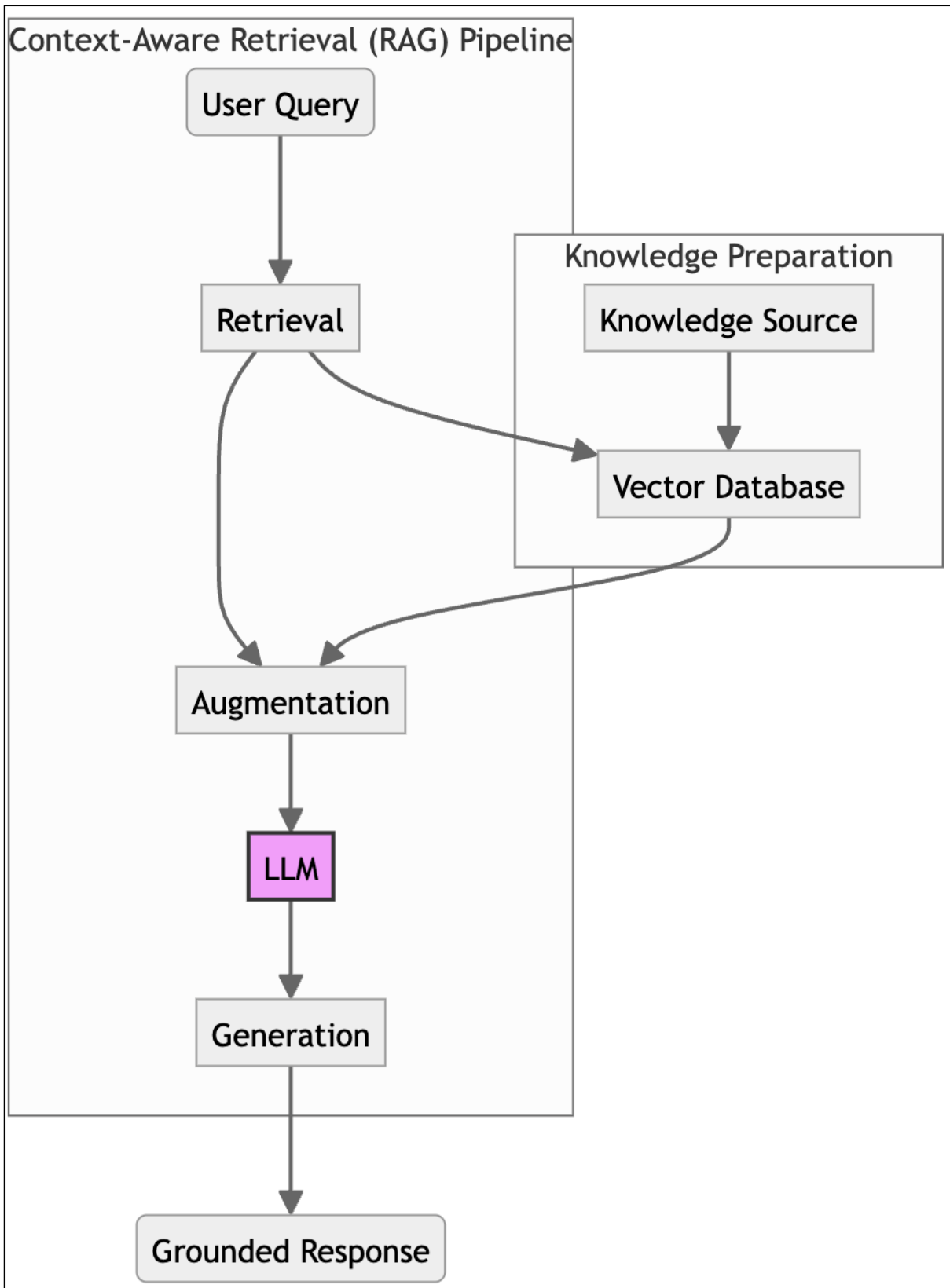
No

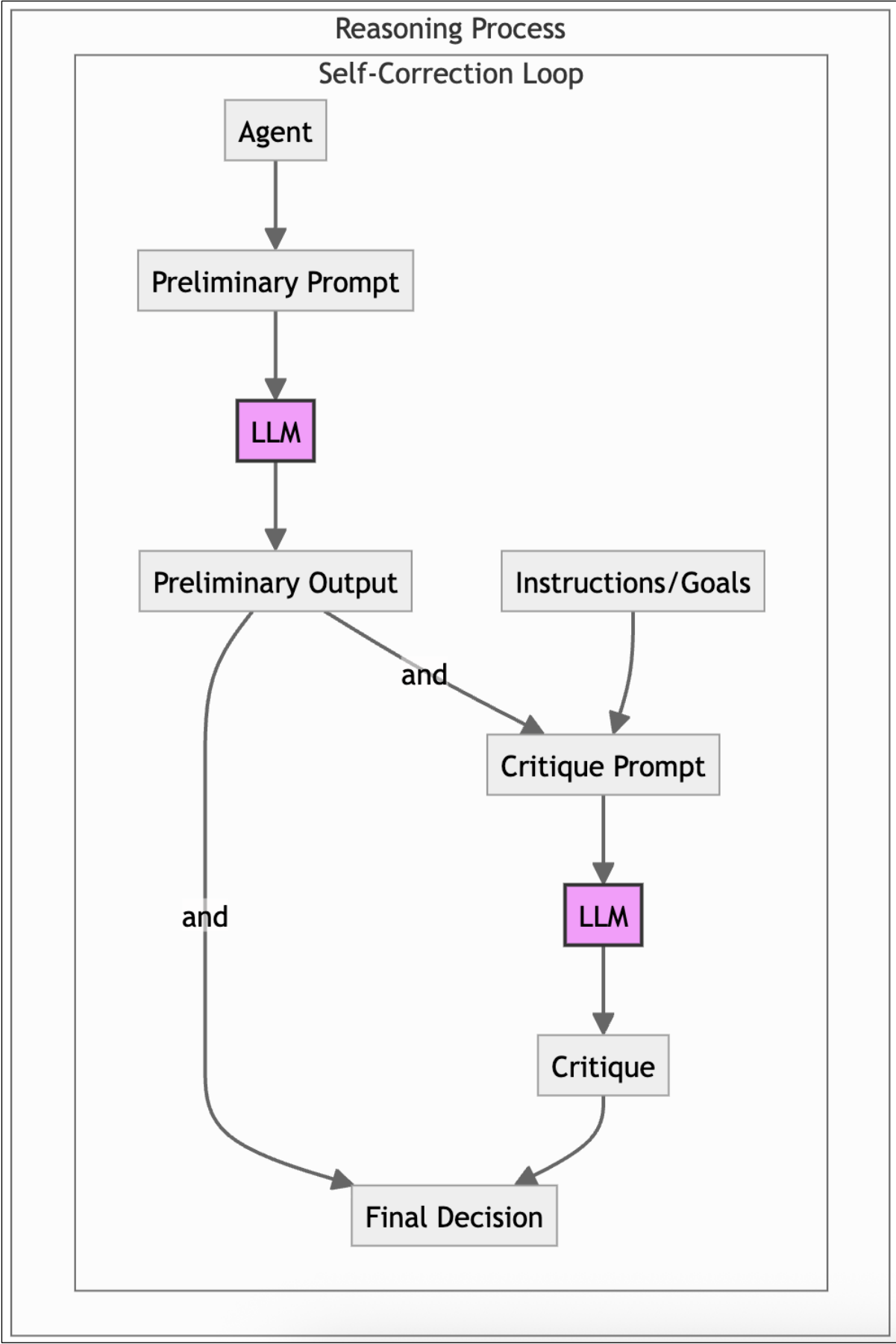


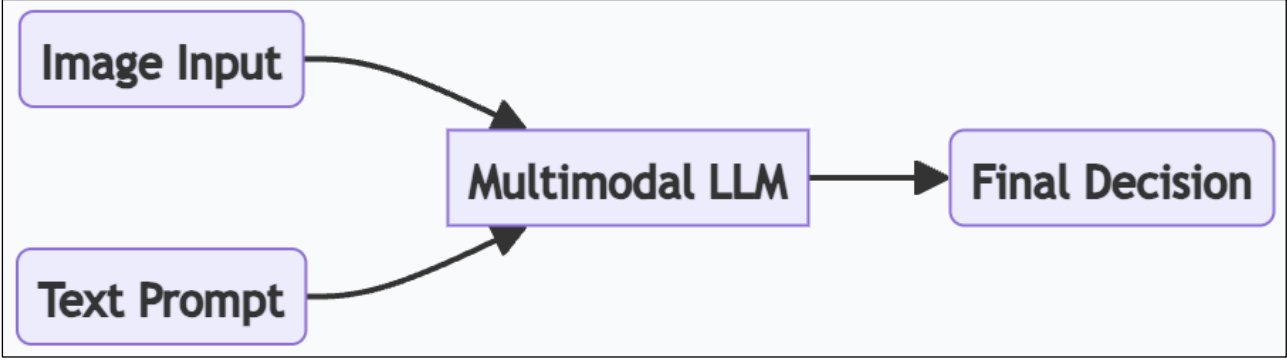
Denial



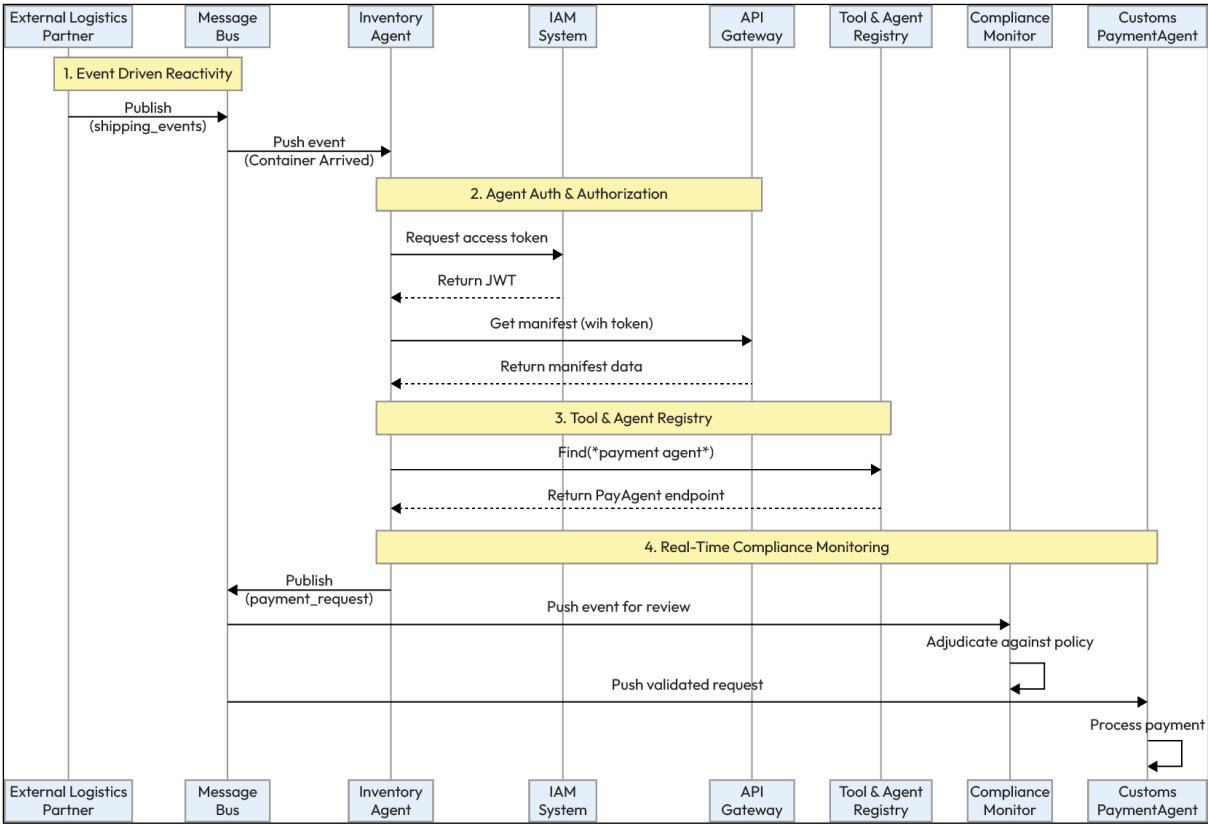
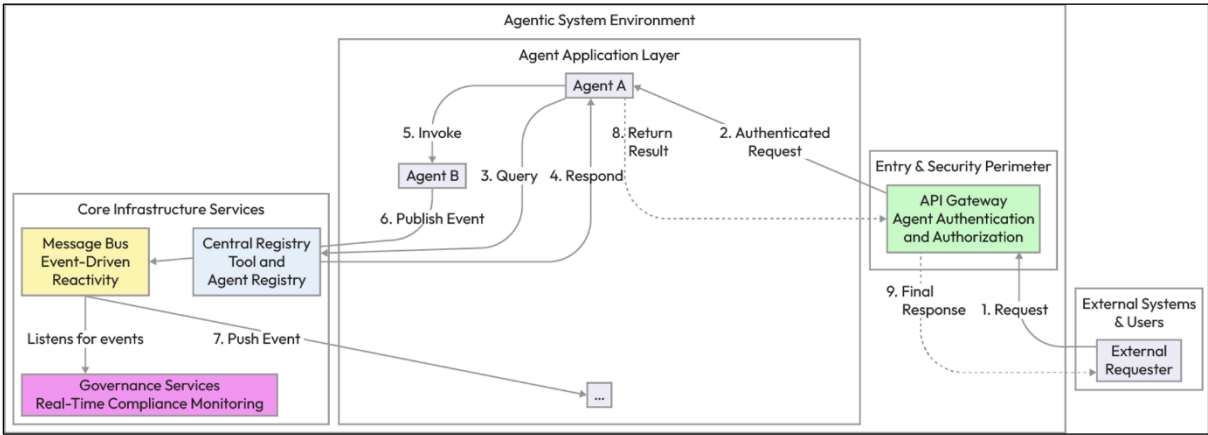


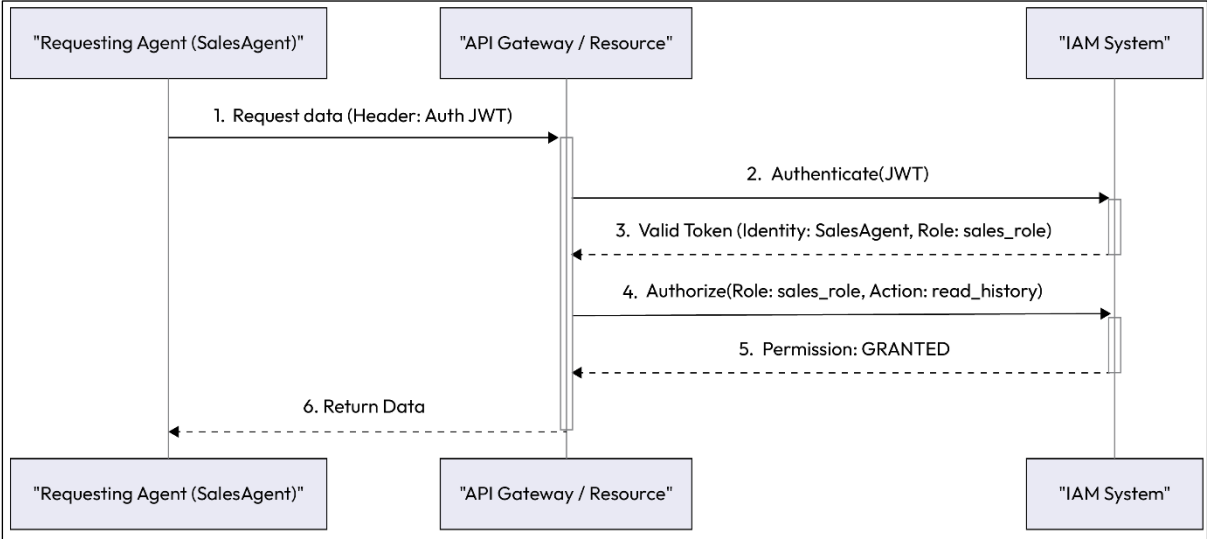
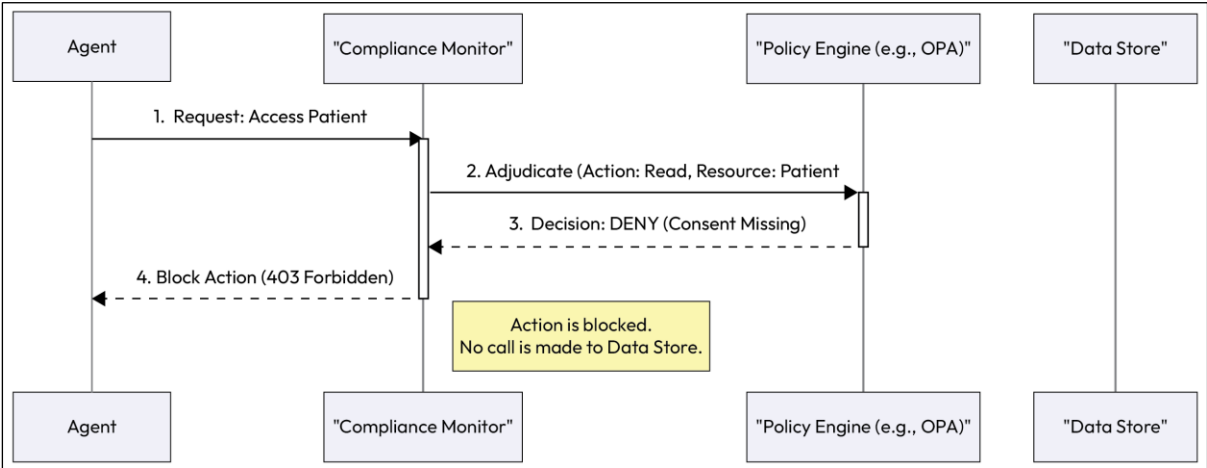
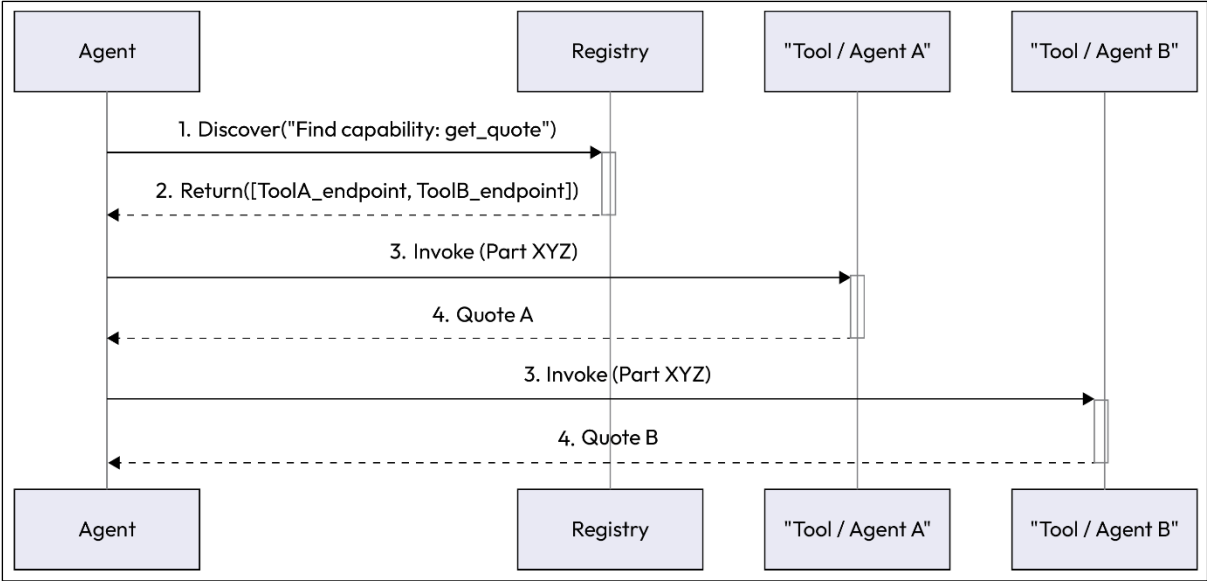


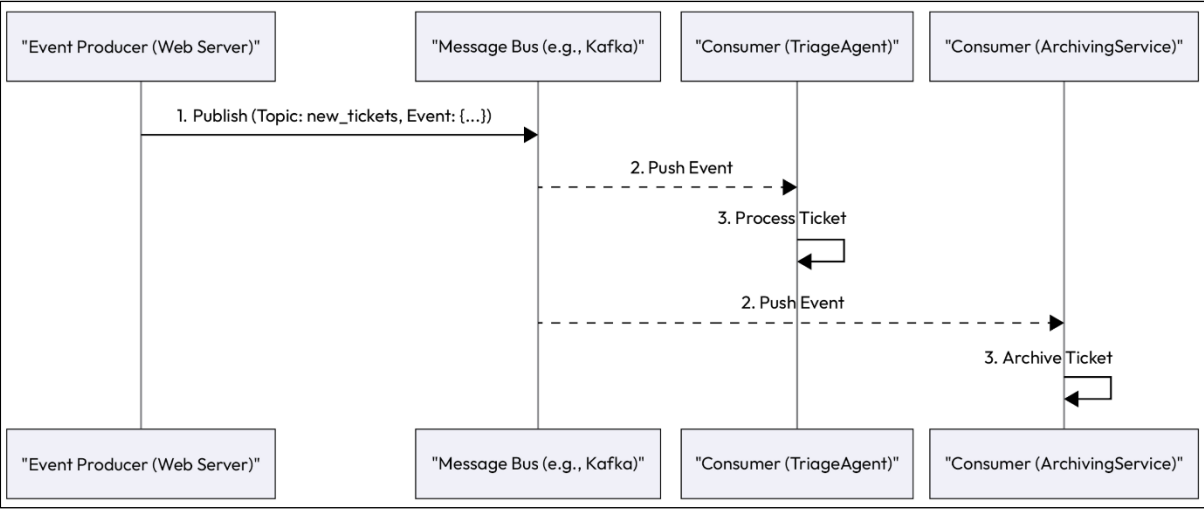




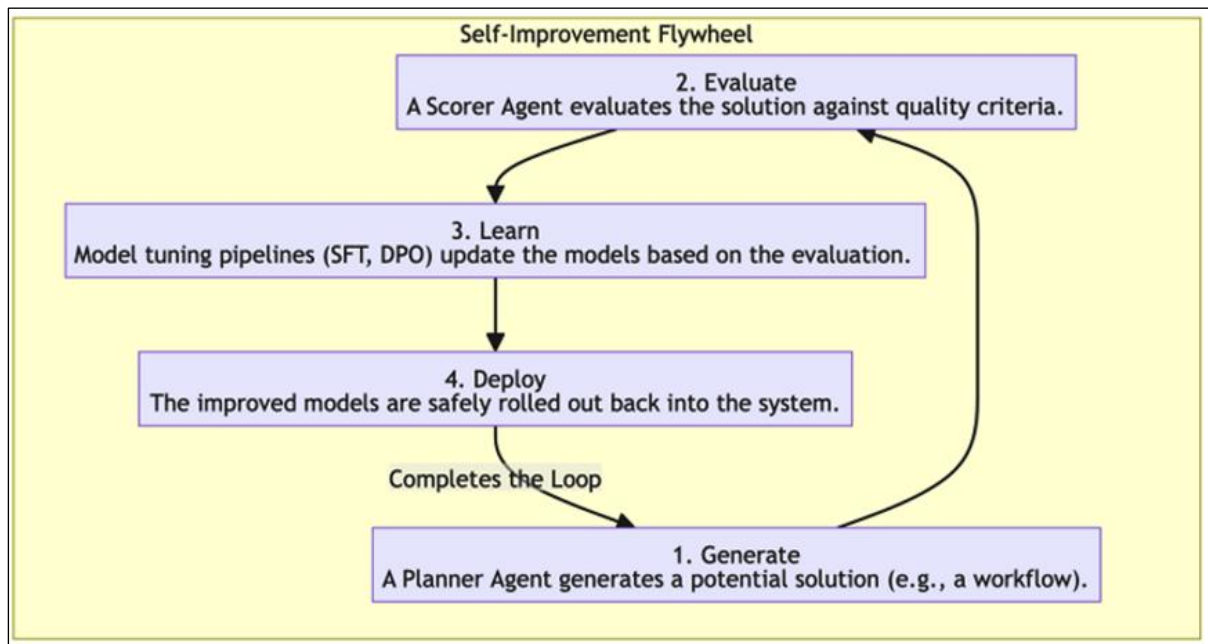
Chapter 10: System-Level Patterns for Production Readiness

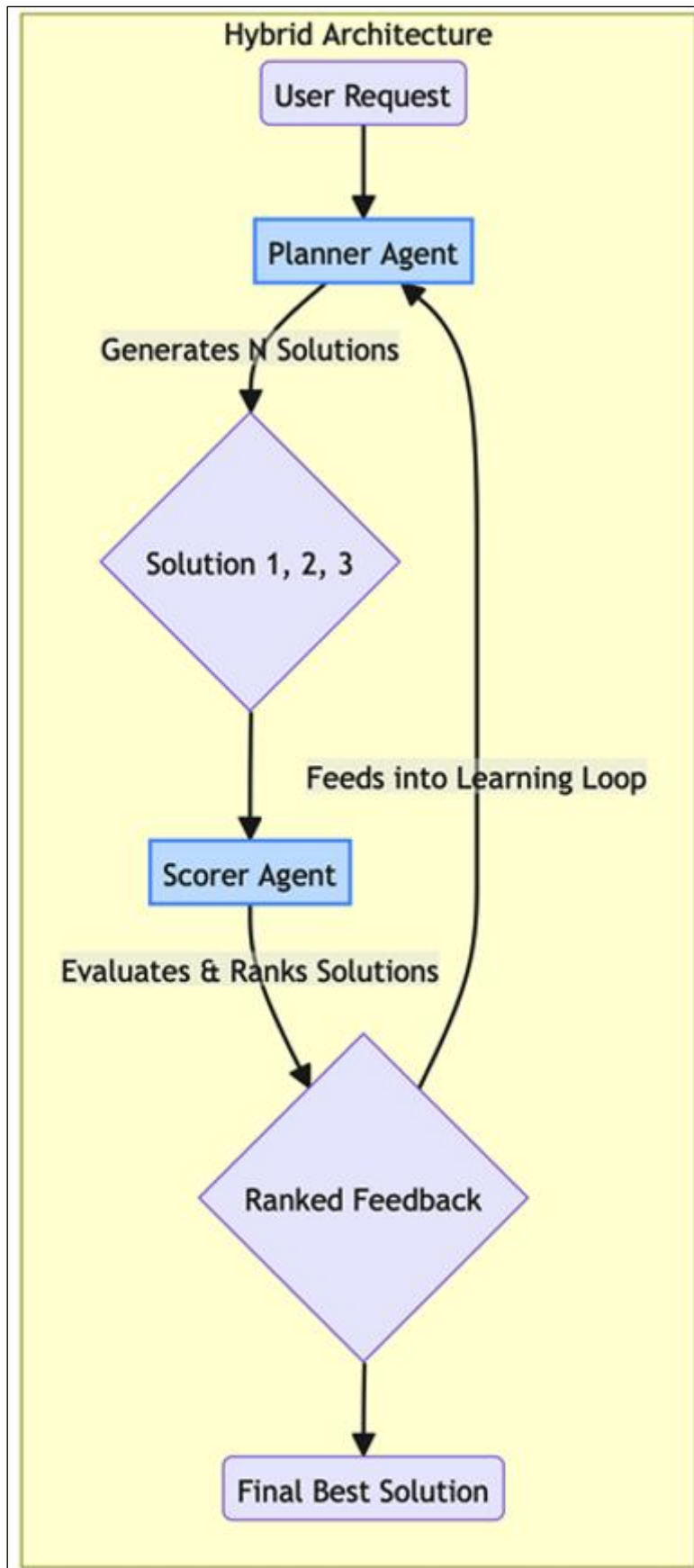


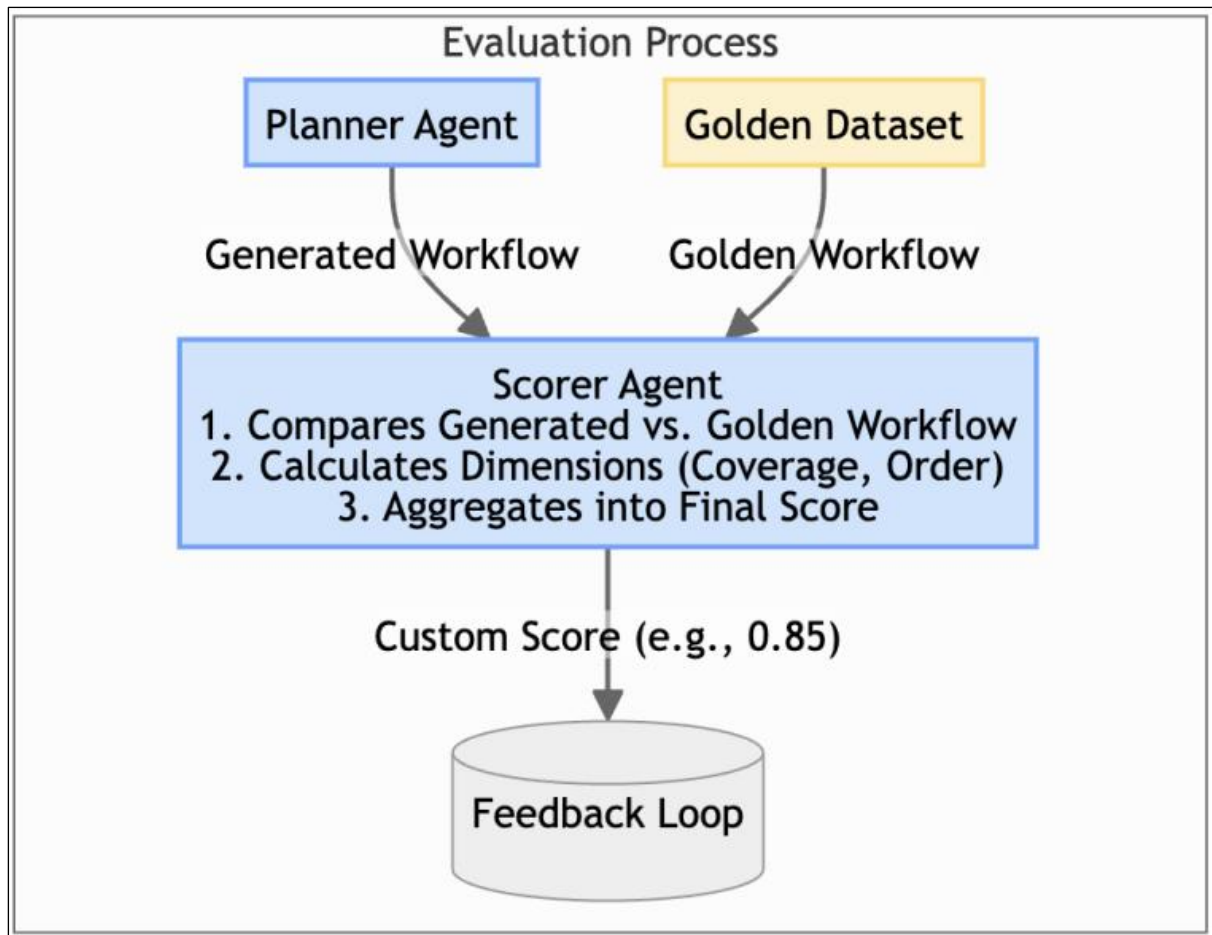


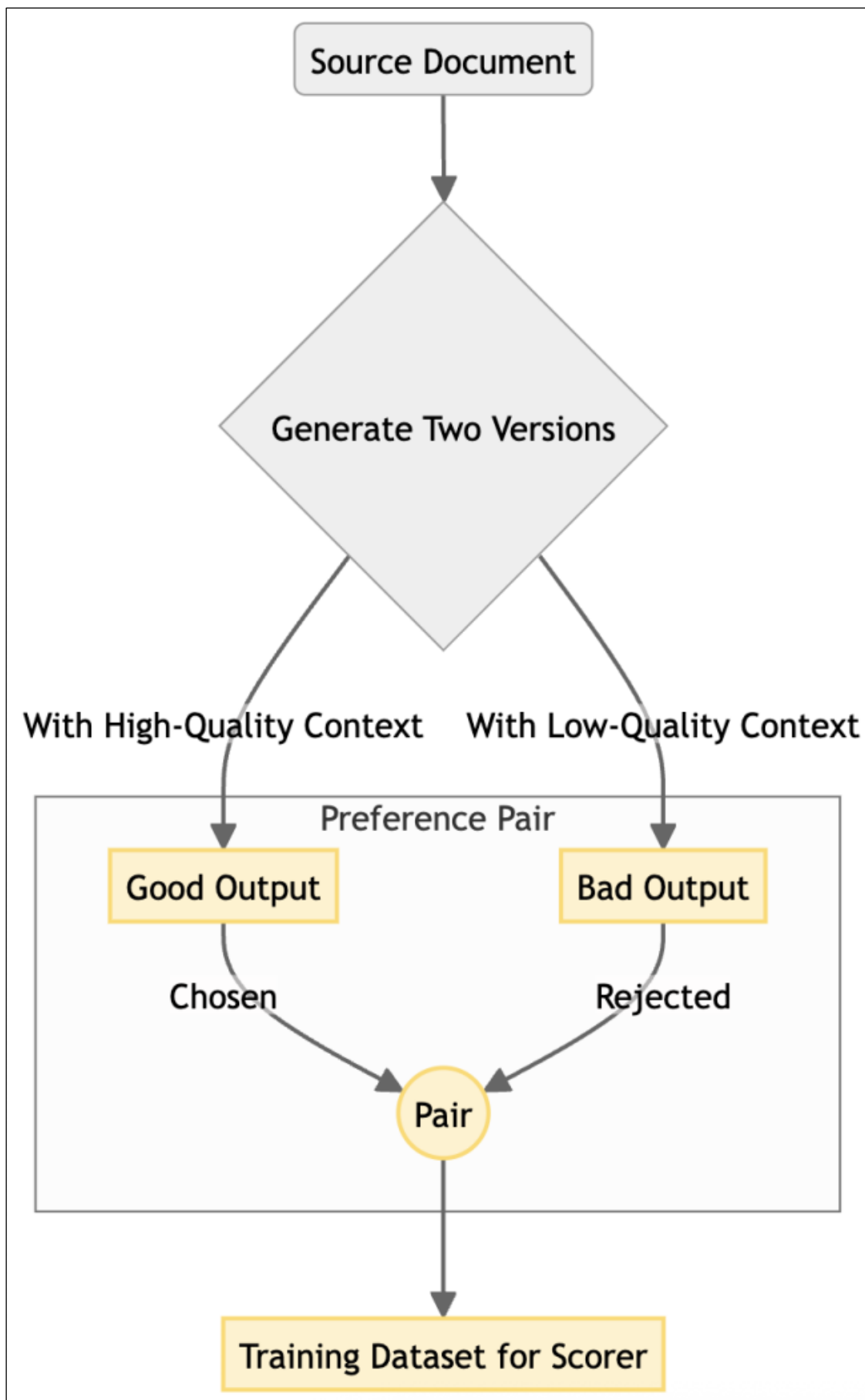


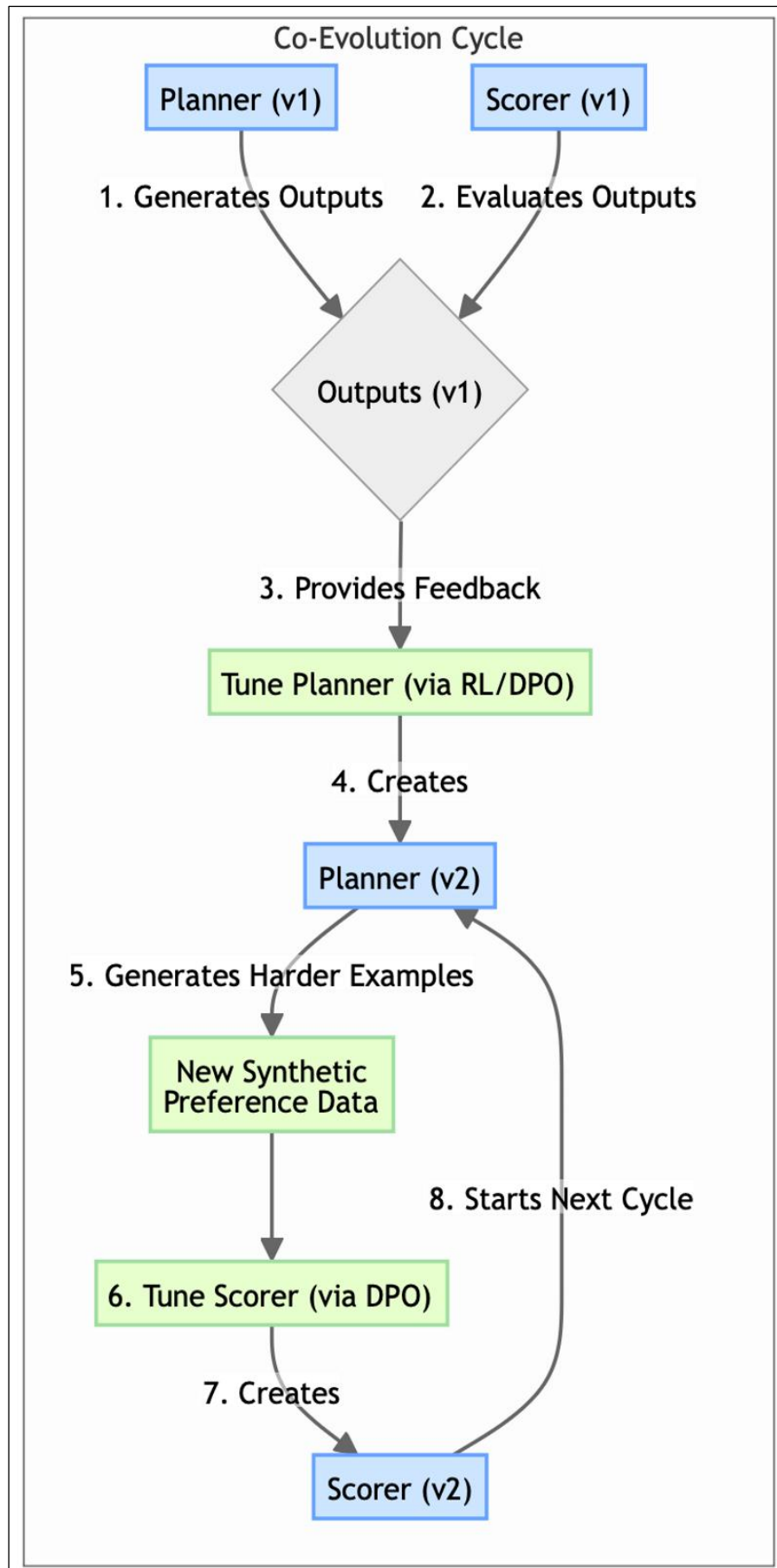
Chapter 11: Advanced Adaptation: Building Agents That Learn

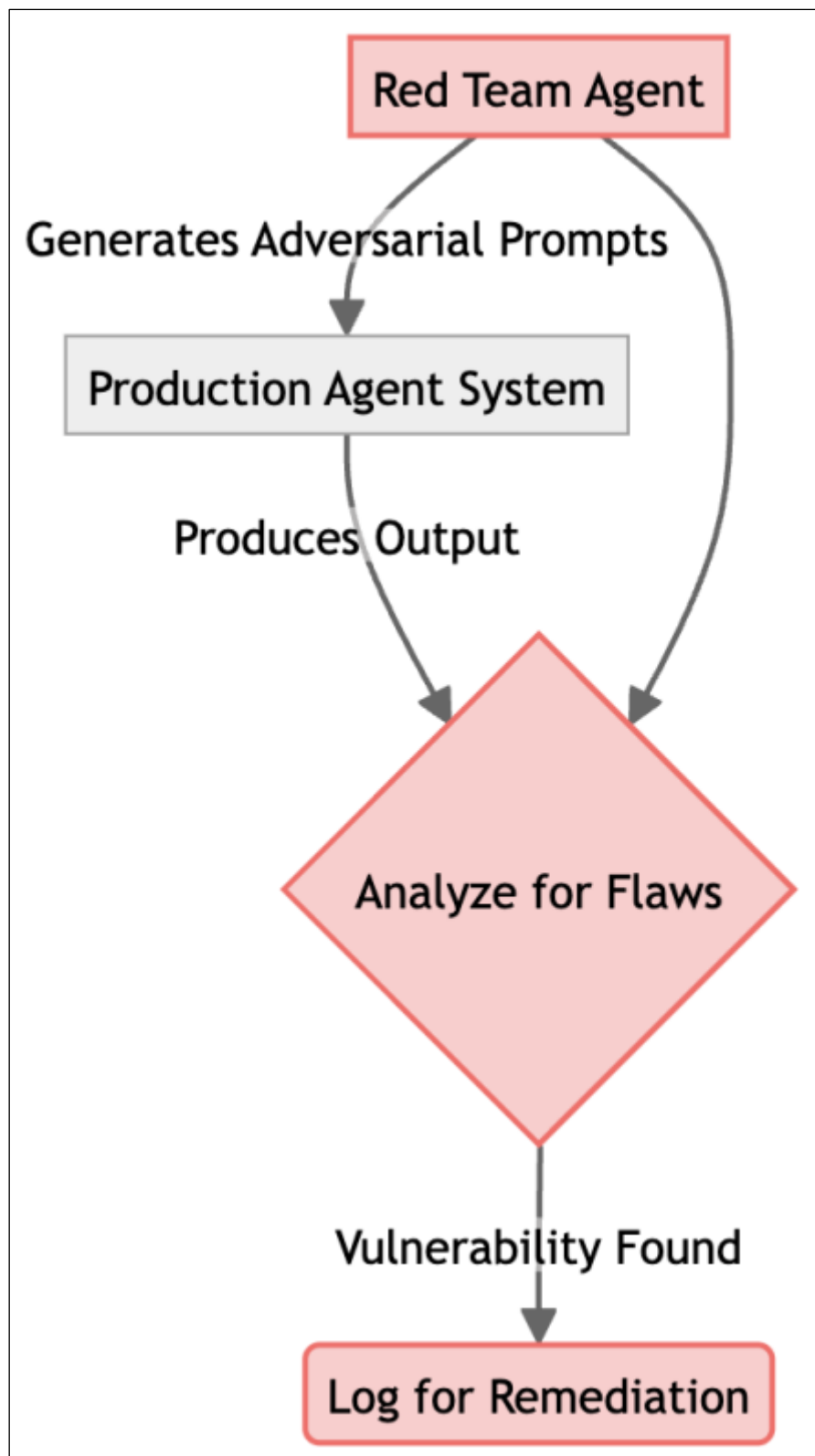


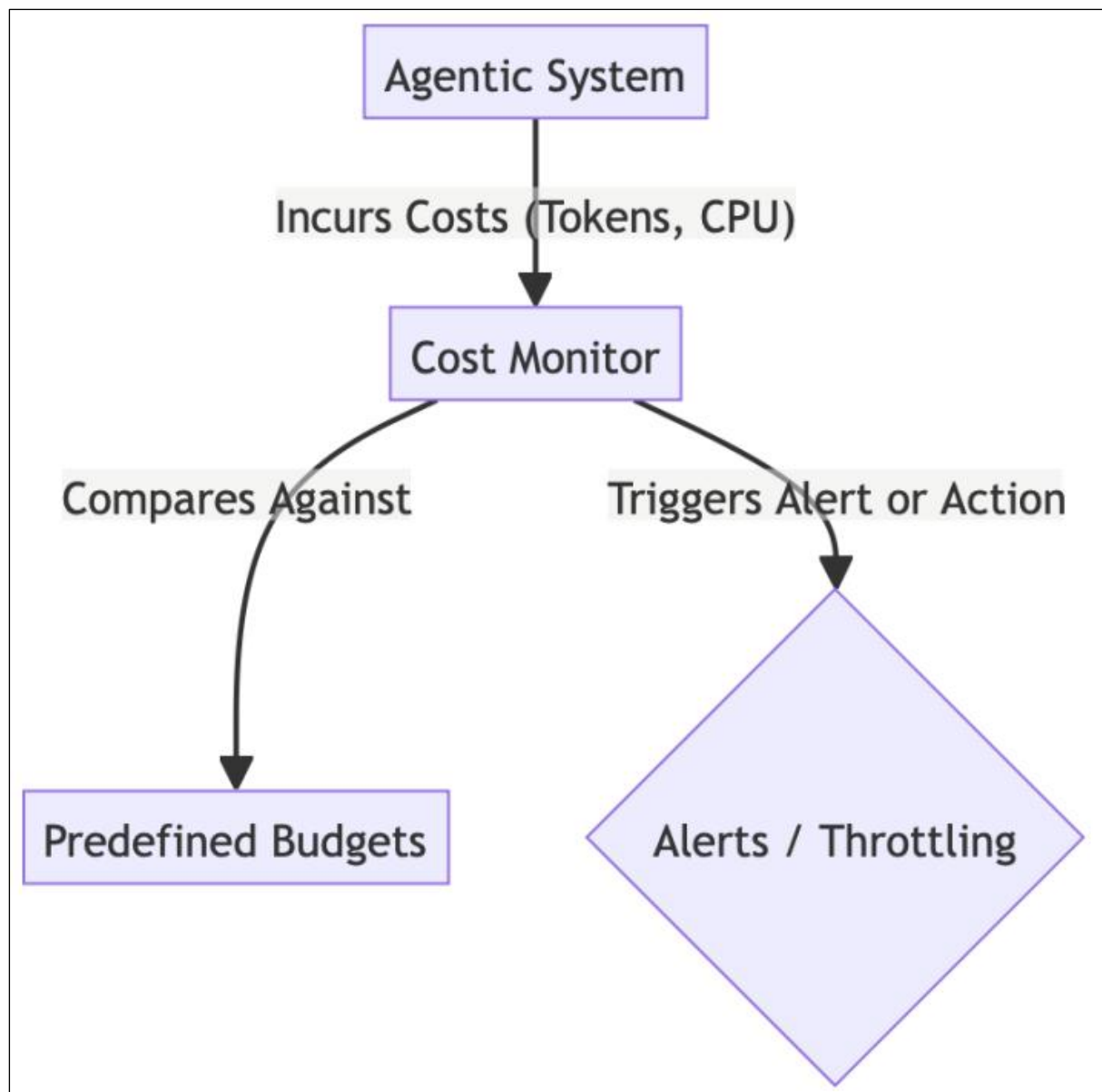


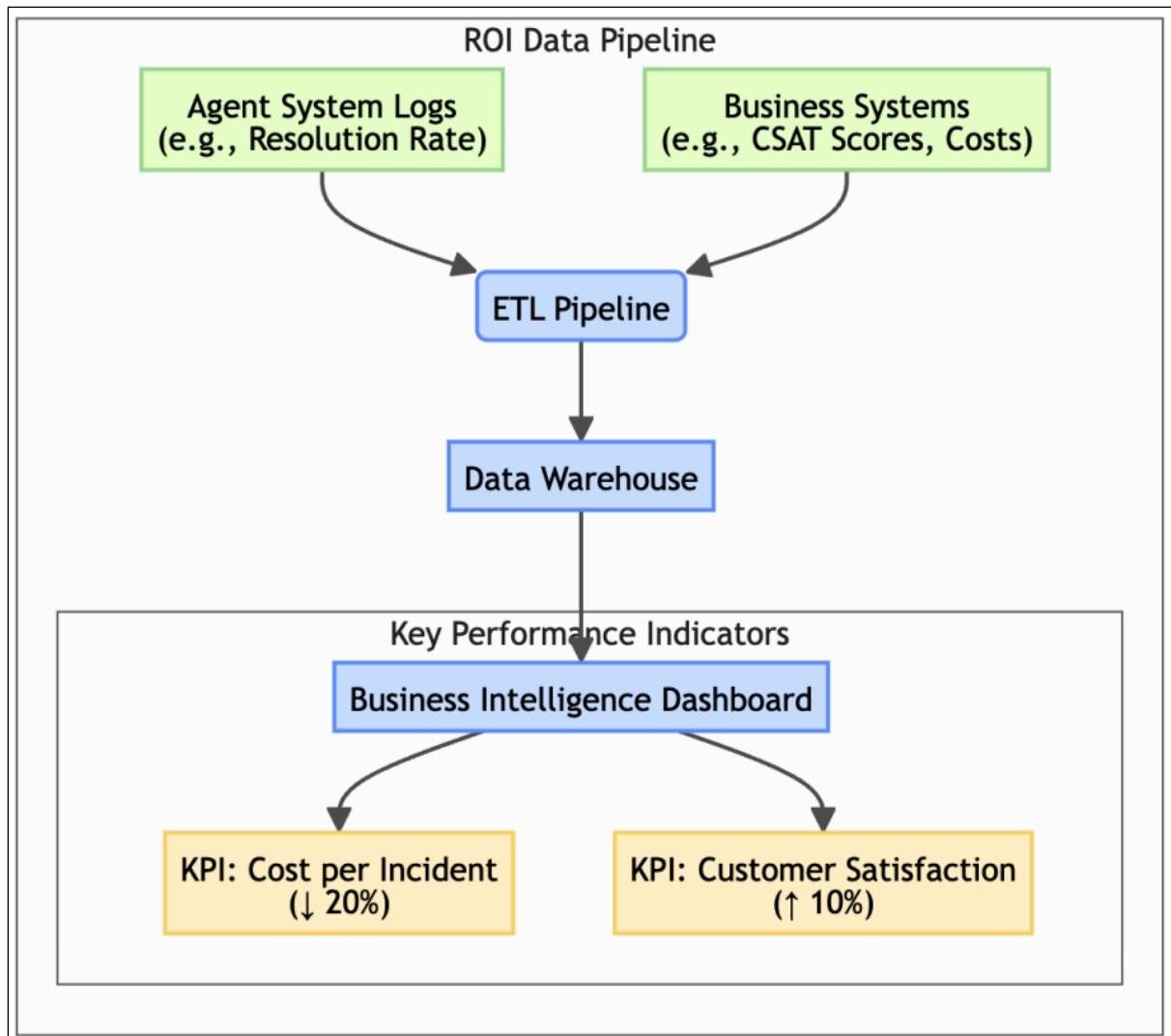




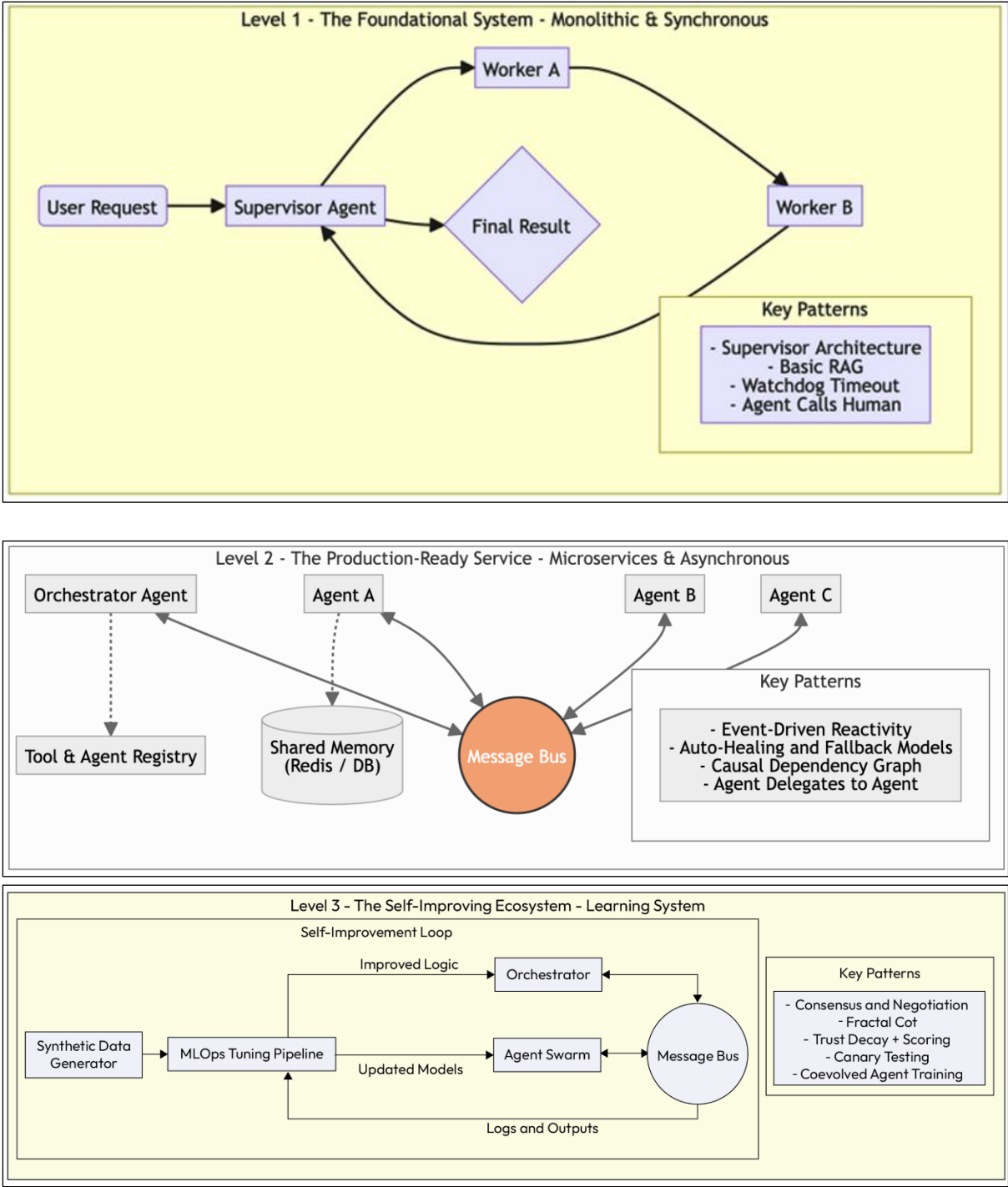




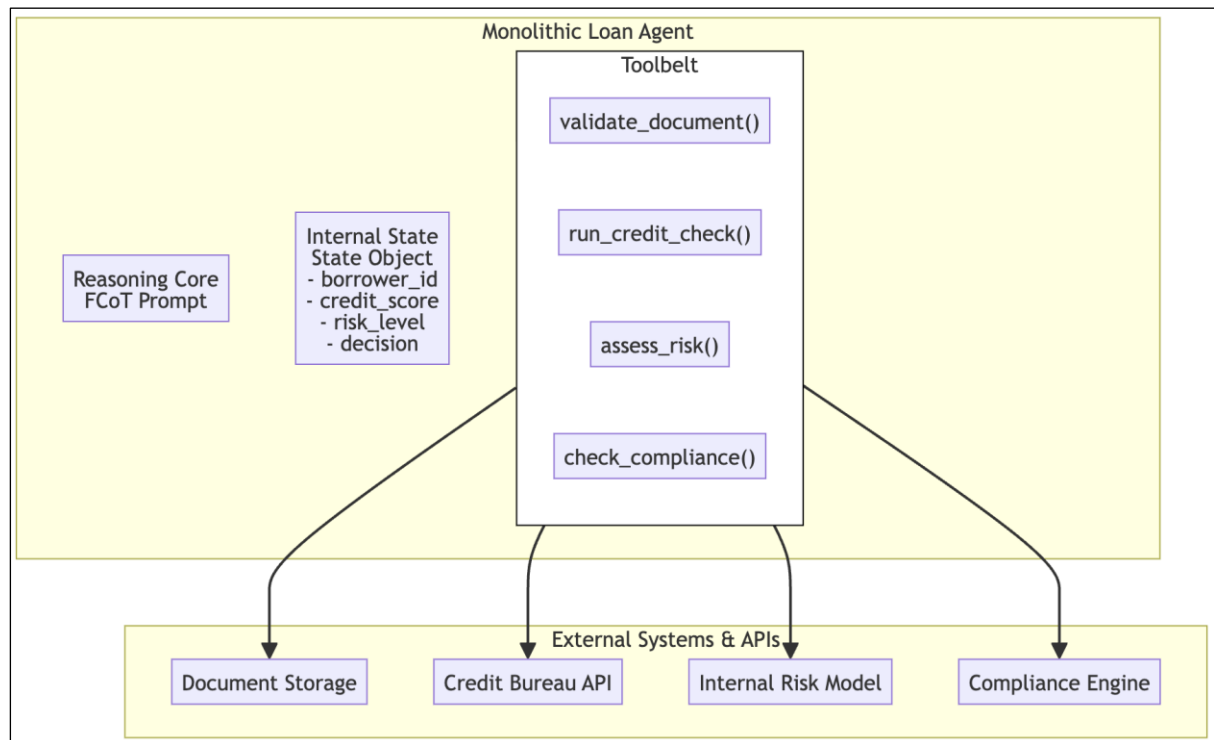




Chapter 12: A Practical Roadmap: Implementing Agentic Patterns by Maturity Level



Chapter 13: Use Case: A Single Agent for Loan Processing



Chapter 14: Use Case: A Multi-Agent System for Loan Processing

