

Title: Method and System for AI Agents in Accounting

Abstract

The embodied artificial intelligence orchestration (“AI Worker”) receives bookkeeping and accounting job requests from users in natural language through email protocol, and interprets intent, instructions, and inputs provided by user, to autonomously execute tasks that would otherwise manually be completed via spreadsheets or software user interfaces. On job completion, the AI Worker composes and transmits natural language responses to the user through direct email replies with task summary, status, and related artifacts.

This invention discloses a system and method for the orchestration of the AI Worker through deployment of LLMs, in a multi-agentic system, integrated with computational memory, state management, conditionality, and the autonomous ability to plan, sequence, and invoke domain-specific Tools that interface with APIs, data repositories, and backend services. This orchestration utilizes RAG techniques for historical context from prior jobs (persisted in long-term memory components) to autonomously enhance accuracy and efficacy of job completion as intended by user.

(No figure.)