[Hack092725] agent rules but for people
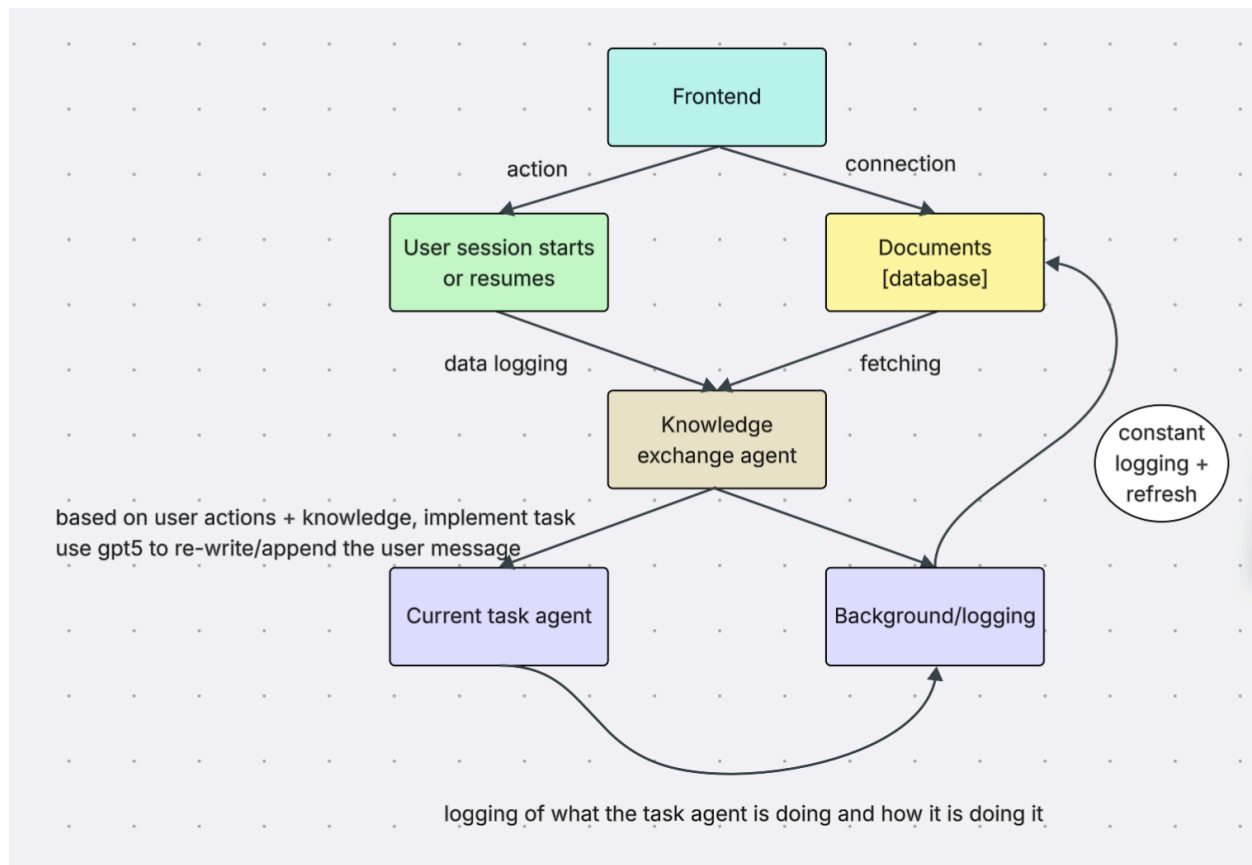
- Coding agents like Claude and Codex have guidance files, e.g. `Claude.MD`

- We need the same for humans so we don't ask stupid questions and actually learn from using AI-assisted tasks like coding

- Prototype: Learnings for both Agents and Humans

- Augmented Human-AI Interaction

System Arch

Agent Roles

Knowledge Exchange agent

- Retrieving

- Reprompting

- Synthesizing

Task Agent

1. executes and interfaces with user (produces assistant message)

2. accept new instructions (append to user message or assistant message)

User Flow

First pass: objective is to capture learning gaps of user and assistant

1. <session>

2. User asks what "UseEffect" is in React

3. [Task Agent] Executes task

4. [KE Agent] Logs entry of user request to Documents

5. System creates log entry of "user actions"

6. [KE Agent] Request information learned from user action + documents. Write to Documents

7. [KE Agent] Logs entry of Task Agent output into Documents

8. </session>

Second pass: objective is to build faster with more knowledge

1. Session Starts with `learn mode` toggled on

2. User asks what "UseEffect" is in React FOR THE SECOND TIME

3. [KE Agent] Retrieves previous user documents

4. [KE Agent] Reprompting task based on previous user documents

5. [Task Agent] Prompts human, "here's how we solved it last time, should we proceed"? < [producing some notion version of the markdown from step 3 >

6. User approves "plan"

7. [Task Agent] Executes task

8. [KE Agent] Logs entry of user request to Documents

9. System creates log entry of "user actions"

10. [KE Agent] Request information learned from user action + documents. Write to Documents

11. [KE Agent] Logs entry of Task Agent output into Documents

12. Session Ends

Implementation

OpenAI Agents SDK will handle session id for every session

Types of Documents:

1. user actions

2. synthesized learnings

3. agent actions