**🐋🤖 DeepSeek AI Agent + Telegram**

**+ LONG TERM Memory 🧠**

What does this do?

* **Listens for Telegram Messages:**  
  The workflow starts by receiving incoming Telegram messages through a webhook. This means whenever someone sends your bot a message, it kicks off the process.
* **Validates the User:**  
  It checks if the message sender’s first name, last name, and ID match expected values. If they don’t, it sends back an error message telling the user it can’t process the message.
* **Routes the Message by Type:**  
  Depending on whether the message contains text, audio, or images, it directs the message to the right processing path. For example, if it’s a text message, it heads down the text-processing route.
* **Processes Text with a Smart AI Agent:**  
  When a text message is received, the AI agent takes over. It uses detailed instructions—including recalling past conversations and user details—to generate a friendly, personalized response. This agent leverages DeepSeek models (like DeepSeek-V3 Chat for conversation and DeepSeek-R1 Reasoning for deeper insights) to craft its reply.
* **Merges in Long-Term Memories:**  
  To make the conversation feel more personal, the workflow retrieves past memories stored in a Google Doc and merges these with the current context. It also uses a short-term memory buffer to keep track of recent conversation details.
* **Sends the AI’s Response Back:**  
  Once the AI agent formulates a response, it’s sent back to the user on Telegram so they see a reply that feels informed by previous interactions.
* **Saves New Memories:**  
  Noteworthy details from the conversation are stored in a long-term memory (again using Google Docs), ensuring the bot can remember important information for future chats.