Development Log

Day 1 - PLanning & Research

- Conducted research on key technologies:
    - **LangGraph:** Understanding State graphs and node-based architecture.
    - **Tavily MCP:** Learning how it provides Web search using API.
- Created an abstract design of the Chatbot's architecture:
    - Routing decisions based on user input.
    - Integration plan for search and response nodes.

Day 2 - Backend Implementation

- Implemented the abstract design of day 1.
- Established conditional routing between nodes using LangGraph's flow builder.
- Tested the architecture using mock data to ensure code flow is working correctly.
- Integrated Tavily and OpenAI search keys for response generation.
- Debugged and handled any issues or integration errors.
- Operated through CLI

Day 3 - Frontend Implementation

- Built an interface using Streamlit.
- Integrated Backend with Frontend.
- Solved any integration issues.