Techietalks AI - Smart Chat Assistant

Welcome to the Techietalks AI repository! This project is an enhanced version of a smart AI-powered chat assistant built using Streamlit, DeepSeek API, and Pydantic_AI. It allows users to interact with an AI assistant that can answer questions conversationally and concisely, while also maintaining a history of the conversation for context. Additionally, it includes a "New Chat" button to reset the conversation and start fresh.

by Sreeprakash Neelakantan

Repository Structure

Files

- .DS_Store
- .env
- .gitignore
- Dockerfile
- README.md
- app.py
- docker-compose.yml
- requirements.txt
- sree.txt

Purpose

macOS-specific file, environment variables, Git ignore list, Docker image instructions, project overview, main application, Docker Compose configuration, Python dependencies, placeholder file.

How It Works

Streamlit

Interactive web application framework.

DeepSeek API
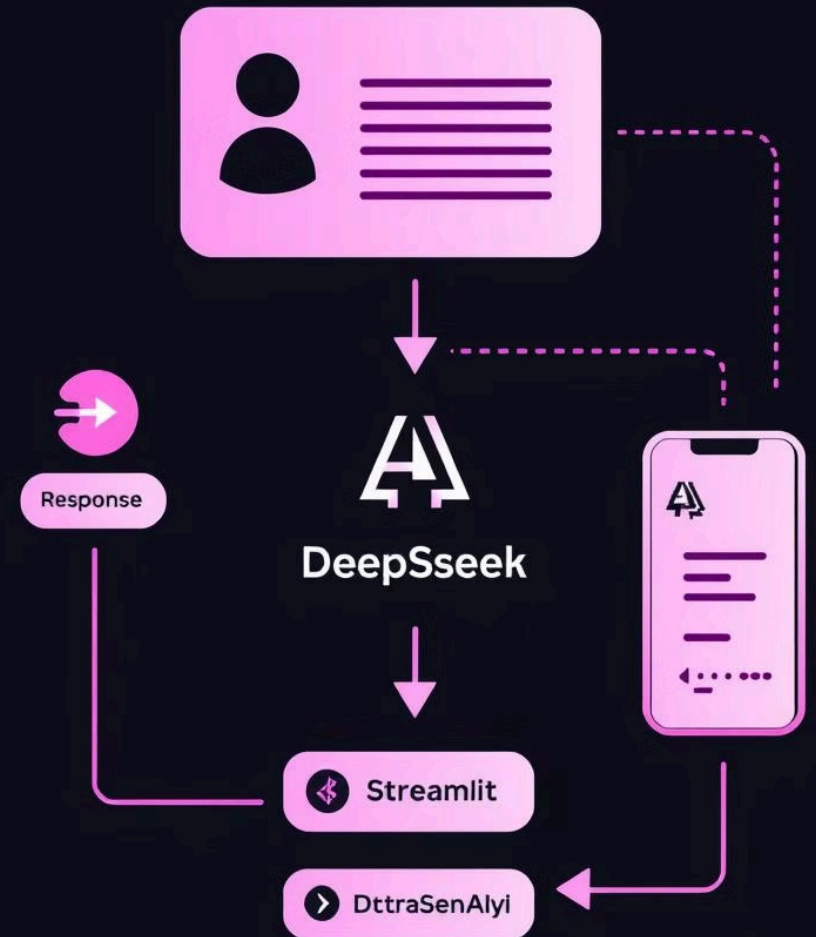
AI model for conversational responses.

Pydantic_AI

Library for structuring and validating AI responses.

Rich

Library for pretty-printing debug information.

Response

DeepSseek

Streamlit

DttraSenAlyi

Setup Instructions

1 **Prerequisites**

Python 3.11, Docker
(optional), DeepSeek API
Key.

2 **Steps**

Clone the repository, set up
environment variables,
install dependencies, run
the application.

License

This project is open-source and available under the MIT License. Feel free to use, modify, and distribute it as needed.

Contact

For AI consultancy, training, and development, contact Schogini Systems Private Limited at https://www.schogini.com.

Author

Sreeprakash Neelakantan, Website: https://www.schogini.com, GitHub: **https://github.com/schogini/techietalksai.git**.

Made with Gamma

Enjoy Techietalks AI!

Enjoy using the Techietalks AI Smart Chat Assistant! If you have any questions or feedback, feel free to reach out. 😊