STREAMLIT-POWERED CHATBOT WITH GEMINI KEY INTEGRATION

This project showcases the development of an intelligent chatbot application using Streamlit, integrated with the Gemini-Pro AI model. The application aims to offer an engaging and interactive user experience, enabling seamless communication with AI while managing chat sessions effectively.

Key Components:

- **Environment Variables**: Sensitive information, such as API keys for accessing the Gemini-Pro model, is managed using environment variables with the `dotenv` library. This approach ensures secure storage and easy configuration changes without exposing sensitive data in the codebase.
- **Streamlit Interface**: The chatbot's user interface is built using Streamlit, which provides an intuitive framework for creating interactive web applications. Features include a wide layout for better visibility, real-time chat interactions, and session management.
- **Chat Functionality**: Streamlit's session state maintains chat context, allowing for continuous conversations. Users can view and download their chat history, and start new sessions as needed.
- **Feedback System**: Integrated feedback options allow users to rate the AI's responses, contributing to ongoing improvements and enhancing the overall user experience.

This project effectively combines secure API management, a user-friendly interface, and advanced AI capabilities to create a robust and interactive chatbot application.