HACKATHON

EVENT AI COMPANION CHAT ASSISTANT

A presentation by M. Ilyas Chishti

AGENDA
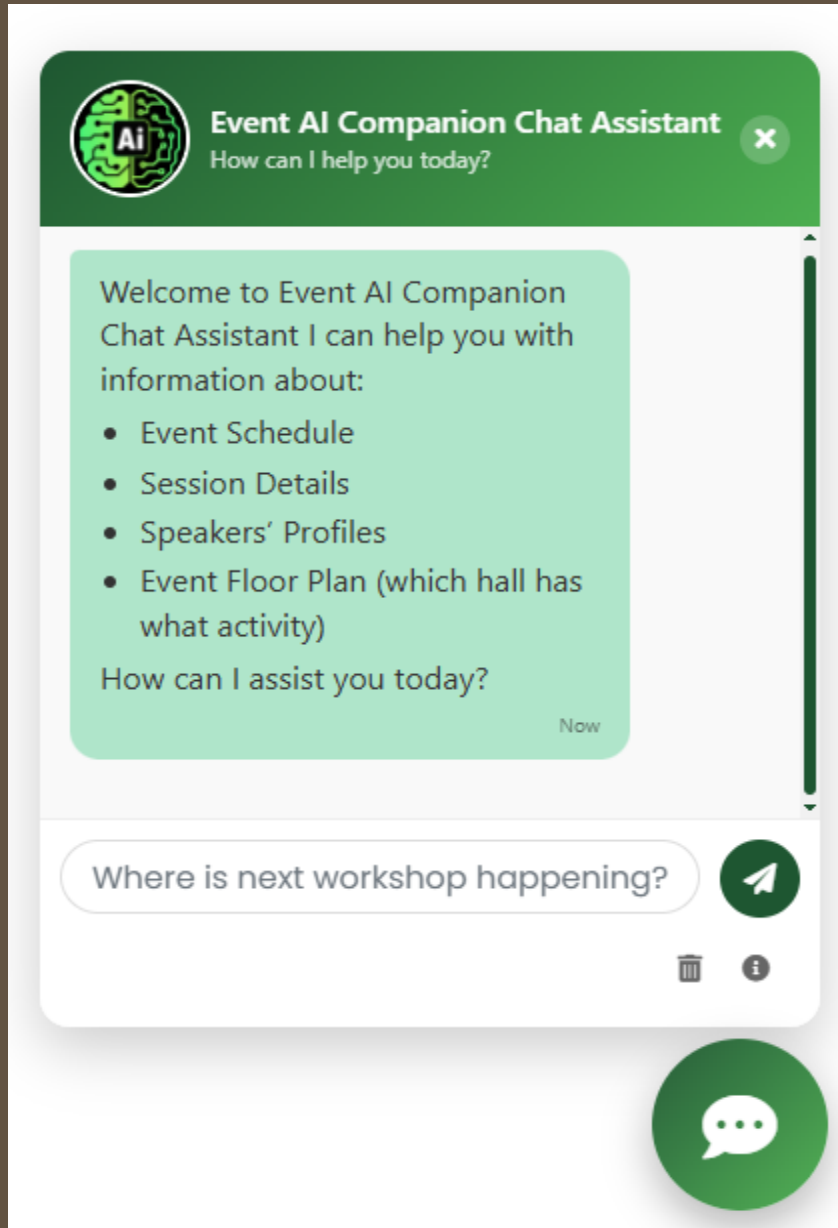
USER INTERFACE

- ❖ **Event AI Companion Chat Assistant** – A smart chatbot designed to assist event attendees with real-time information.

- ❖ **Interactive Support** – Allows users to ask specific questions (e.g., "Where is the next workshop happening?").

- ❖ **Quick Access Options** – Includes a message input box, send button.

- ❖ **Purpose** – Enhances the attendee experience by delivering instant, relevant event information.

ADMIN LOGIN

Admin Panel

Username

Admin@Admin

Password

....

Login

❖ **Admin Panel Login Interface** – A secure login screen for accessing the Event AI Companion's admin area.

❖ **Credential Fields** – Includes Username and Password fields for authentication.

❖ **Admin Account** – Username and password as for access of admin dashboard.

❖ **Login Button** – Prominent green button for submitting login credentials.

❖ **Simple & Clean Design** – Minimalistic layout with focus on security and usability.
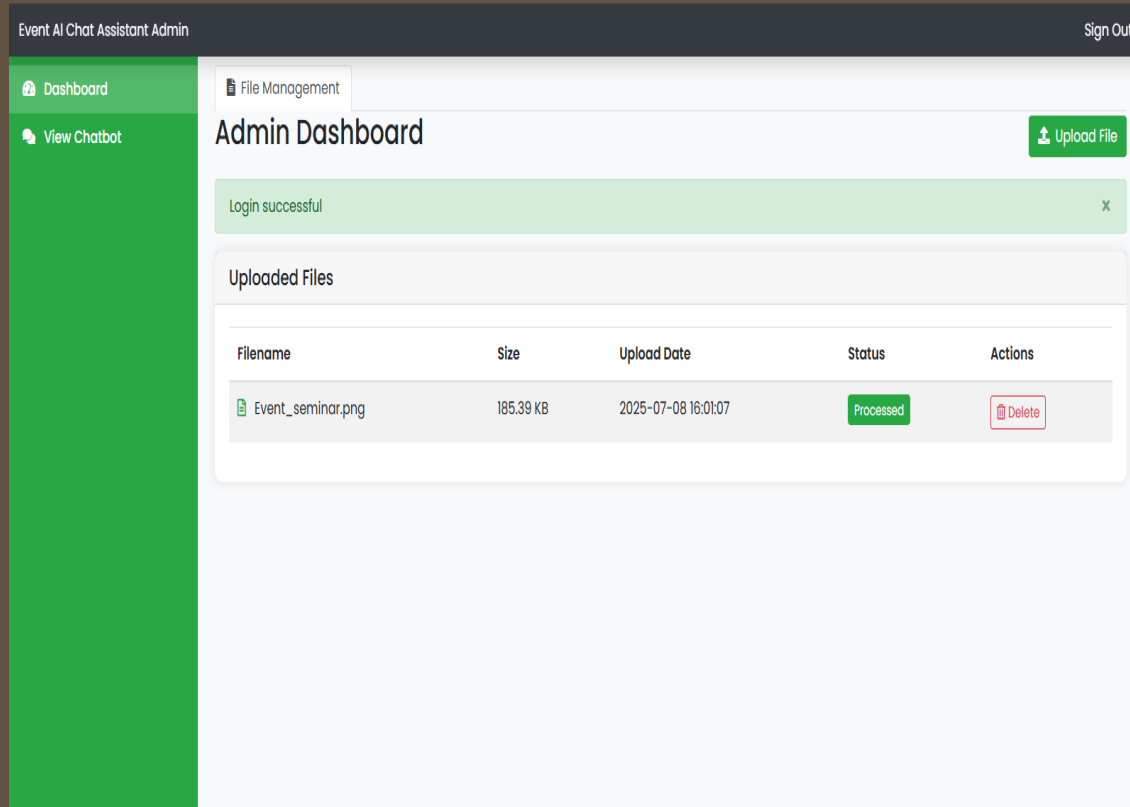
ADMIN DASHBOARD

❖ **Admin Dashboard** Displays the backend of the Event AI Chat Assistant Admin Panel after a successful login.

❖ **File Management Section** – Allows admins to upload, view, and manage files related to the chatbot.

❖ **Successful Login Notification** Login successful" message confirms administrator access.

❖ **Uploaded Files Table** – Shows filename, size, upload date, status, and available actions for each file.

❖ **File Actions** – Includes "Processed" status indicator, pending files and options to delete files directly.
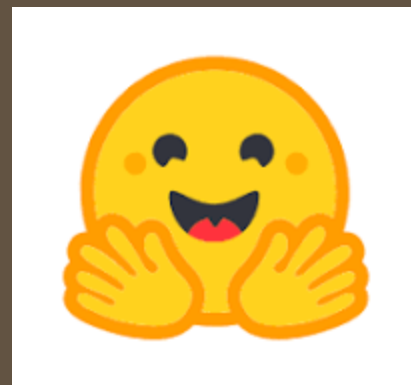
TECHNOLOGIES USED

❖ **Flask** (Python web framework for backend)

❖ **LangChain** (LLM orchestration and document processing)

❖ **Pinecone** (Vector database for semantic search)

❖ **GROQ API** (For fast LLM inference using llama-3.1-8b-instant)

❖ **Hugging Face Embeddings** (sentence-transformers/all-MiniLM-L6-v2)

SUMMARY

The Event AI Companion system includes a user-friendly chatbot and an admin panel for managing event data efficiently. The chatbot assists attendees by providing event schedules, session details, speaker profiles, and event location. The admin panel features a secure login system for authorized access, allowing administrators to upload, process, and manage files related to the chatbot. The dashboard displays uploaded files with details like filename, size, upload date, status, and action buttons for processing or deletion. This seamless integration ensures both attendees and organizers can easily access and manage event information in real time.

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THANK YOU!