Overview of the Scenario

1 Objective

The objective of this assignment is to create a generic conference management system that can help UH-GAF to host scientific conferences. The system goals include managing registration, tracking attendance, providing comprehensive event information, enabling personalized scheduling, issuing participation certificates, and gathering participant feedback.

2 System Specifications

2.1 Conference Information

- **Conference**: Attributes include the name of the conference (e.g., "GAF-AI 2025"), the conference schedule start and end date, a list of sessions, and a list of attendees.

- **Functionality**: Open new sessions, register new attendees, and ensure each attendee gets a unique ID.

2.2 Session Details

- **Session**: Attributes include a unique identifier, session name, speaker, date, time, room, and a list of attendees.

- **Functionality**: Register attendance, provide session details.

2.3 Attendance Tracking

- **Attendance**: Attributes include an identifier, name, email, and a schedule of signed-up sessions.

- **Functionality**: Create and manage personalized schedules, distribute certificates of attendance.

2.4 Session Speaker

- **Speaker**: Attributes include the speaker's name and bio, and a list of associated sessions.

- **Functionality**: Provide speaker bio access.

2.5 Conference Evaluation/Feedback

- **Feedback**: Attributes include comments and ratings linked to specific attendee identifiers.

- **Functionality**: Collect and store feedback for later analysis.

3 Scenario

The GAF-AI 2025 conference is a scientific event focusing on the latest developments in LLMs (Large Language Models). The conference spans over a week and encompasses various sessions and distinguished speakers. Its primary goals include managing registration, tracking attendance, providing comprehensive event information, enabling personalized scheduling, disseminating real-time updates, issuing participation certificates, and gathering participant feedback.

3.1 Example Scenario

Nancy, the Conference Manager for GAF-AI 2025, initiates the setup by establishing accounts for all conference speakers and sessions. Dr. Abram, an attendee, completes the registration process, providing his details (Name, Email, etc.) and receiving a unique attendee ID generated by the system.

Upon registration, Nancy welcomes Dr. Abram to GAF-AI 2025 and confirms his registration with the assigned ID number. Throughout the conference, the system records Dr. Abram's attendance for the various sessions he participates in.

Abram utilizes the system to access information about the sessions and speakers, significantly enhancing his understanding of the conference. By perusing the schedule, session details, and speaker bios, Dr. Abram feels well-prepared for the upcoming sessions.

Abram selects the sessions of interest and creates a personalized schedule, opting to attend specific sessions such as "Introduction to LLMs," "Future of Quantum Computing," and "Advances in Machine Learning."

Following the conference's conclusion, the system automatically generates attendance certificates for all participants and distributes them via email. Dr. Abram duly receives his certificate of attendance.

In summary, the GAF-AI 2025 conference provided a platform for scientific discourse and collaboration on the advancements in Language Model Models, while the efficient management system facilitated a seamless and enriching experience for all participants.