Eightfold.ai - AI Agent Building Assignment

As a part of this assignment, you are required to build and demonstrate a conversational AI agent (chatbot or voicebot). The goal is to showcase your ability to design natural interactions, implement intelligent agentic behaviour and make thoughtful technical decisions.

PROBLEM STATEMENTS (CHOOSE ONE ONLY)

1. **Company Research Assistant (Account Plan Generator)**
   Build an interactive agent that helps the user research about companies through natural conversation and generate account plans. Your AI agent should:
   - Gather information from multiple sources and synthesize findings
   - Provide updates during research ("I'm finding conflicting information about X, should I dig deeper?")
   - Allow users to update the select sections of a generated account plan
   - Interaction Mode: Chat or voice

2. **Interview Practice Partner**
   Build an agent that helps users prepare for job interviews. Your AI agent should:
   - Conduct mock interviews for specific roles (e.g. sales, engineer, retail associate)
   - Ask follow-up questions like a real interviewer would
   - Provide post-interview feedback on responses and identify areas for improvement (communication, technical knowledge, etc.)
   - Interaction Mode: Voice preferred, chat acceptable

SUBMISSION REQUIREMENTS

1. **Github Repository Project Link (Ensure to make your repository publicly accessible)**
   - Codebase
   - README file with setup instructions, architecture notes, and design decisions

2. **Demo Video**
   - Record a video with voiceover (screen recording) of the working of your AI agent
   - Do showcase the agent's ability to handle multiple user personas
   - You may cover architecture and design choices
   - Keep the recording purely a product demonstration. Do not include any slides or supporting collateral
   - Maximum duration - 10 minutes

Your submission should be made using this link - https://forms.gle/EjyVS4cSXMt5ojE49
DEADLINE – 24th Nov 2025 - 02:00 pm

EVALUATION CRITERIA
You shall be evaluated on Conversational Quality, Agentic Behaviour, Technical Implementation, Intelligence & Adaptability. To build a strong submission, we encourage you to:
- Prioritize conversation quality over just functionality
- Document the reasoning behind your design decisions and include it in your README file
- Test with multiple people and present demo scenarios such as:
  - The Confused User (unsure what they want)
  - The Efficient User (wants quick results)
  - The Chatty User (frequently goes off topic)
  - The Edge Case Users (goes off topic/provides invalid inputs/submits requests beyond bot's capabilities)

All the best!