Objective
Build a voice-first, agentic AI system that can autonomously reason, plan, and act in a native Indian language like marathi, telugu, tamil, bengali, odiia, etc. The system must go beyond a chatbot and demonstrate decision-making, tool usage, memory, and failure handling.

Mandatory Scenario

- You must build a Voice-Based Native Language Service Agent that helps users identify and apply for government or public welfare schemes. The agent must operate end-to-end in one non-English Indian language.

Example User Request:
“I want to apply for a government scheme, but I don’t know which one I am eligible for.”

Hard Requirements (Auto-Reject if Missing)
● Voice-first interaction: Voice input and voice output are mandatory.
● Native language support (non-English) throughout the pipeline (STT → LLM → TTS).
● True agentic workflow such as Planner–Executor–Evaluator loop or explicit state machine.
● At least two tools must be used (e.g., eligibility engine, mock API, retrieval system).
● Conversation memory across turns, including handling contradictions.
● Failure handling for incomplete information or recognition errors.

Disallowed Solutions

- The following will result in immediate rejection: single-prompt chatbots, text-only demos, hard-coded responses, English-only reasoning, low-code/no-code tools, or copied tutorials without modification.

Deliverables:
● Demo video (5–7 minutes) showing live voice interaction, agent reasoning, tool calls, and failure recovery.
● Architecture document with diagrams explaining agent lifecycle, decision flow, memory, and prompts.
● Complete runnable code repository with clear README and setup instructions.
● Evaluation transcript including successful, failed, and edge-case interactions.
Evaluation Criteria

How to submit an assignment?

https://forms.gle/694fy4sSo4oykP6L7