



Logithech group 6

ChatVerse

Be creative, Be productive!

20 October, 2024



Motivation



Ideas for the
names of my note-
taking app



Select your
preferred AI
agents



Ideas



“ChatVerse”, Where Your AI Journey Begins

- Physically engaging with them through the Logic MX Creative Keypad.
- Gain Insights from the interaction of your AI Agents
- You’re in control



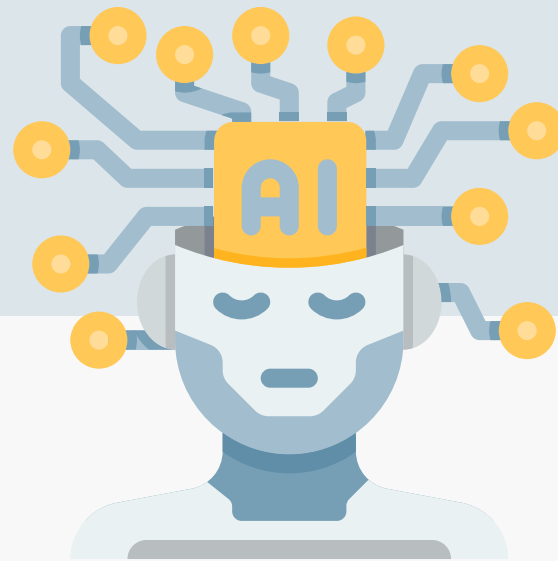
Design



Key Components



Logitech
MX Creative KeyPad



AI model
Whisper
Multi-Agent



Webpage
Frontend : React
Backend : Python Flask



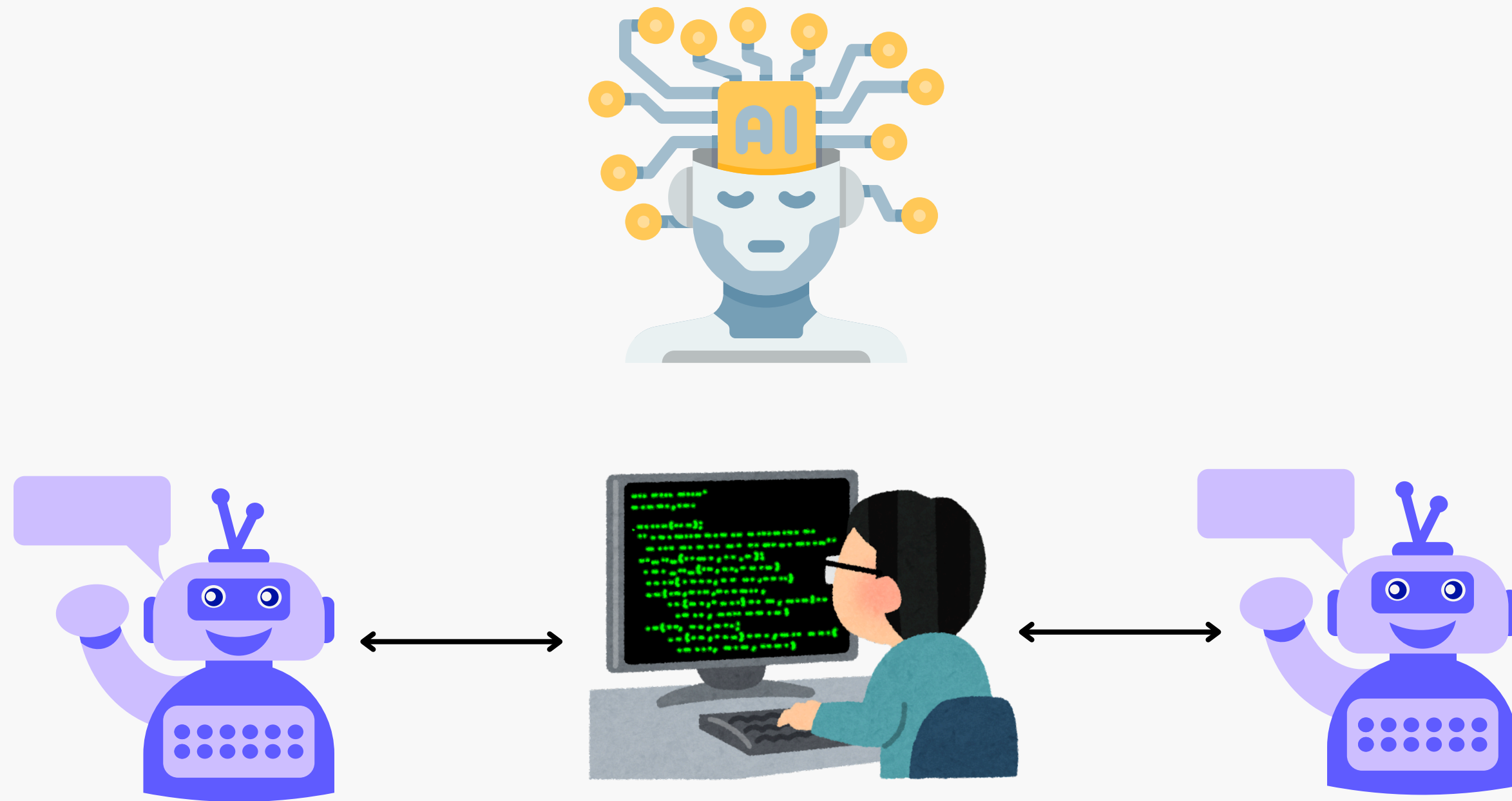
MX Creative Keypad

Page 1 with 9 Buttons

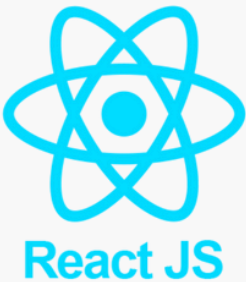
- The middle one : Visit our website.
- Other 8 Buttons : Wake up the corresponding AI agent and join the chat room.
 - Press twice will let AI agent leave the chat room



Multi-Agent System Design



WebPage



MX Creative Keypad



Multiple Agents

audio recording



Text Input



Whisper-small



GPT-4o mini

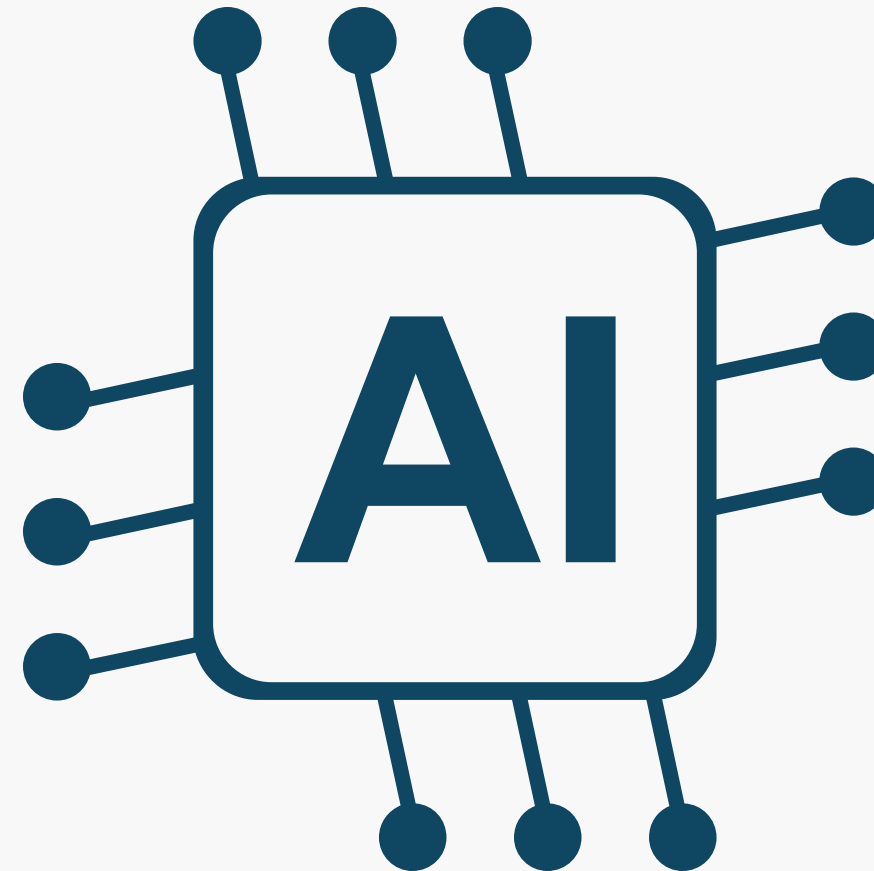


Be Creative, Be Productive

AI Models



Speech to Text : Whisper
Leverage large-scale language models (LLMs) to enable intelligent voice input to text.



AI agents : ChatGPT-4o mini
An AI agent designed for efficient, conversational tasks, offering human-like text responses in various fields.

AI multi-agents supervisor
ChatGPT-4o mini

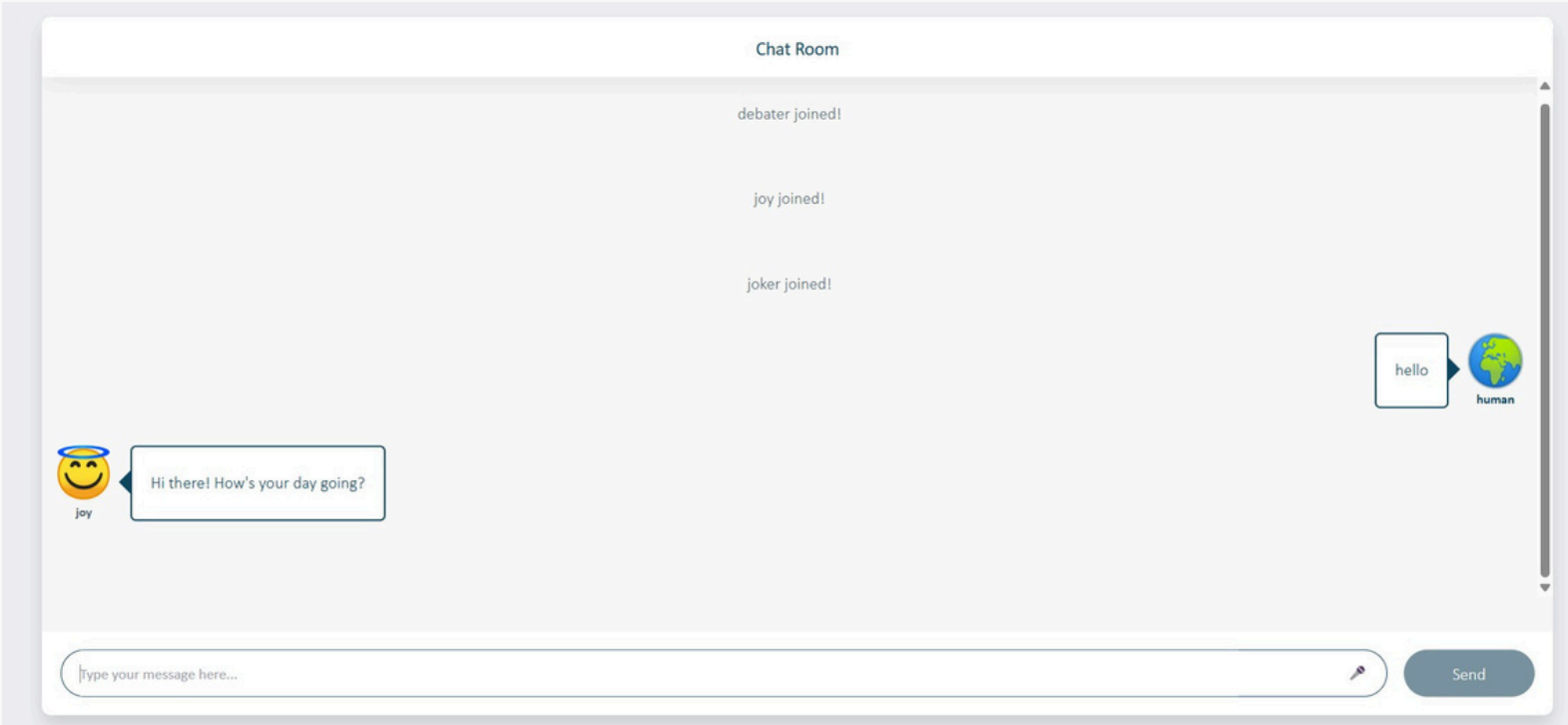




DEMO TIME



ChatVerse



Add Your AI Agent.

- Easily add multiple AI agents using the MX Creative Keypad.
- Each agent has a unique personality or brings different ideas to the table.

Start a conversation/meeting/brainstorming.

- Provide a topic to start a discussion with one or more AI agents.
- The agents can even engage with each other, creating a dynamic experience similar to having a meeting with several participants.

Two input methods.

- Keyboard Typing: Type directly to interact.
- Voice Input: Speak your message, and our website will automatically correct and send it for you.