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In Collaboration with

smallest.ai

Problem Statement

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About Smallest.ai

Smallest.ai is a cutting-edge tech company based in San Francisco, California, specializing in developing multi-modal AI foundational models. The company recently launched Lightning, the world's fastest real-time text-to-speech model, capable of generating speech in under 100 milliseconds. This revolutionary tech makes it possible to create voicebots with ultra-low latency and highly realistic voices, opening up exciting possibilities for voice-based applications.

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Competition Overview

Your challenge is to build an AI phone agent that can cold call specific types of customers, hold meaningful conversations, and close sales. You are encouraged to use APIs and tools where needed, but the focus remains on your ability to design an innovative, high-performing solution. This is your chance to showcase your technical skills and creativity!

The goal is to create an agent that is robust, super fast (low latency), and capable of delivering high-quality, natural-sounding voice interactions. It should feel like talking to a real person!

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What we are Looking for

Here are the main things to keep in mind:

1. **Use of APIs and Tools**: You are welcome to use APIs and tools to enhance your solution. However, the system should demonstrate strong design, integration, and problem-solving capabilities.

2. **Natural Voice Quality**: The agent should deliver clear, professional, and human-like voice interactions.

3. **Dynamic Function Calls**: The agent should intelligently call functions or tools during the conversation (e.g., fetching data, making API calls, or personalizing responses in real time).

4. **Handle Multiple Calls**: Design the system to manage multiple calls simultaneously, ensuring consistent performance and responsiveness.

5. **Web Agent Backup**: If building a phone agent presents challenges (e.g., verification issues), you can create a web-based agent to demonstrate the functionality.

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What You'll Submit

- A working phone number or a URL for the web agent that demonstrates its functionality.

- A GitHub repository containing all the code, with clear documentation explaining how to set it up, use it, and understand its architecture.

Bonus Points!

- **Highlighted**: While you are allowed to use APIs and tools, bonus points will be awarded to those who build their solution from scratch, demonstrating exceptional technical skills and originality.

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DEADLINE

14th January, 11:59 PM

LINK FOR SUBMISSION

https://forms.gle/S12SPDRFKQpJzTZf8

This competition is your chance to dive into cutting-edge AI development and explore new possibilities in voice automation. Impress us with your creativity and technical expertise!

GOOD LUCK AND **HAPPY HACKING!**

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