Autonomous Email Agent

Objective

Design and build an intelligent AI agent that integrates into an email client and autonomously handles incoming messages by taking appropriate actions through tools. This challenge is intentionally open-ended to allow you to demonstrate your skills in agent design, tool orchestration, and thoughtful UX integrations.

The Challenge

You're tasked with building an **AI agent-powered email assistant**. The agent should be able to:

- Parse and understand incoming emails.

- Decide on appropriate action(s) using tools.

- Respond to the email accordingly.

- Integrate it into an actual email, we will be sending it emails.

What We're Looking For

- A working prototype that demonstrates your agent reasoning over real or simulated email inputs.

- Tool use orchestration: show how the agent chooses to call tools and integrates responses.

- Clear logging or UI that shows what the agent understood, what it did, and why.

- Thoughtful design of how this would scale or become product-grade.

Expectations

This is designed to simulate a real-world agent development workflow:

1. **Creativity**: You're free to define the agent's scope — surprise us with your design choices.

2. **Autonomy**: Show how your agent handles decisions, not just replies with raw LLM output.

3. **Architecture**: If you can't finish everything, explain your system design clearly.

Timeframe

You have **5 hours** to complete this challenge. We care just as much about what you choose to focus on as we do about the completeness of the final result.

Submission

Send us a link to your GitHub repo.

We're excited to see how you think, build, and ship. Good luck!