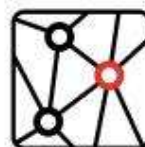


# ElevenLabs AI Audio Challenge

**ElevenLabs**

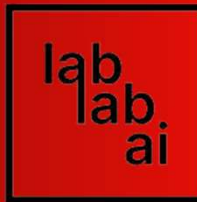
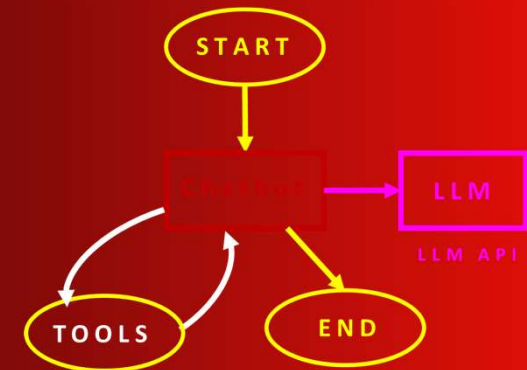


**ML in PL**  
CONFERENCE 2024



# Hackathon: ElevenLabs AI Audio Challenge

## Multi AI Agents Chatbot Enhancing Research Using **LangGraph**



**ElevenLabs AI Audio Challenge**

**Multi AI Agents Chatbots**

Enhancing Research with External  
Tools Using LangGraph

# ElevenLabs AI Audio Challenge

In partnership with ML in PL conference in Warsaw, Poland

🕒 Challenge submission deadline is October 11th

🚀 Develop groundbreaking AI audio solutions using [ElevenLabs](#)

💰 \$6,666 prize pool for the winners

📅 Finalists present at the [ML in PL](#) conference in Warsaw on November 7th

🎁 Get a promo code worth \$15 of AI/ML API credits

# About

Join us for [ElevenLabs](#)' AI Audio Challenge, a hybrid event that invites AI enthusiasts to develop cutting-edge solutions using ElevenLabs' industry-leading AI audio technologies.


ElevenLabs is an AI audio research and deployment company with a mission to make content universally accessible in any language and any voice. With AI-driven sound effects, speech synthesis, voice cloning, and dubbing, ElevenLabs delivers industry-leading and contextually aware voices, tone and emotion in 32 languages.

The challenge is organized in partnership with the [ML in PL](#) Association, fostering the machine learning community in Poland and CEE, which gathers at an annual [ML in PL](#) conference. ElevenLabs is a sponsor of this year's conference, inviting finalists to showcase their innovations in Warsaw, Poland. Travel grants of **\$200** will be offered to finalists.


 Form a team with a total of **2-6 members** to build something groundbreaking

 Create innovative AI audio solutions ElevenLabs Technology

 Submit your solution online by October 11th

 Finalists present at the ML in PL Conference in Warsaw on November 7th, 2024




 Chance to win big with a prize pool!

 Win an opportunity to participate in the [Lablab NEXT](#) acceleration program

# Challenge scope

At ElevenLabs, AI Audio can break down communication barriers. We hope to build a future where all digital content is accessible in any language, where education becomes personalized to the listener, and where people with medical conditions can have their voices restored.

We encourage teams to explore AI audio solutions in the following categories:

-  Accessibility: Create AI-driven audio that enhances digital accessibility
-  Public Sector: Improve public services with AI-generated audio
-  Education: Innovate educational content with interactive, AI-powered audio



# How to join?

**Ready to join the Eleven Labs AI Audio Challenge? here's how you can get started:**

**Apply to participate:** leaders of teams consisting of 2-6 members will need to apply by filling out the registration form on LabLab and waiting to be approved.

**Set up your workspace:** once approved, team leaders will receive a coupon for an ElevenLabs subscription for the duration of the challenge.

**Start building:** use the resources provided to develop your innovative solutions. To help you get started, teams will be invited to the dedicated ElevenLabs Discord channel. Read more about [ElevenLabs](#) technologies.

**Submit your solution:** team leaders have until the 11th of October to submit the solution to LabLab's platform. All projects submitted to the challenge must include ElevenLabs models in their workflow but can also leverage other AI models and innovative tools.

**Let's push the boundaries of AI audio innovation together with ElevenLabs' frontier technology!**

# What to submit?

## Basic Information

- Project Title
- Short Description
- Long Description
- Technology & Category Tags

## Cover Image and Presentation

- Cover Image
- Video Presentation
- Slide Presentation

## App Hosting & Code Repository

- Public GitHub Repository
- Demo Solution Platform
- Solution URL

For further details and guidance, please visit [Submission Guidelines](#)



## Introduction

- Overview of the App
- Purpose and Objectives

## Key Features

- AI Agents for Intelligent Interaction
- Integration with Wikipedia and Research Repositories
- Research Retrieval and Article Analysis

## Technology Stack

- LangGraph Framework
- AI Models and Chatbot Technology

## Use Cases

- Academic Research Assistance
- Quick Information Retrieval for Professionals
- Enhanced Knowledge Access for Students

## Benefits

- Seamless Integration with External Tools
- Intelligent and Contextual Chatbot Responses
- User-Friendly Research Experience

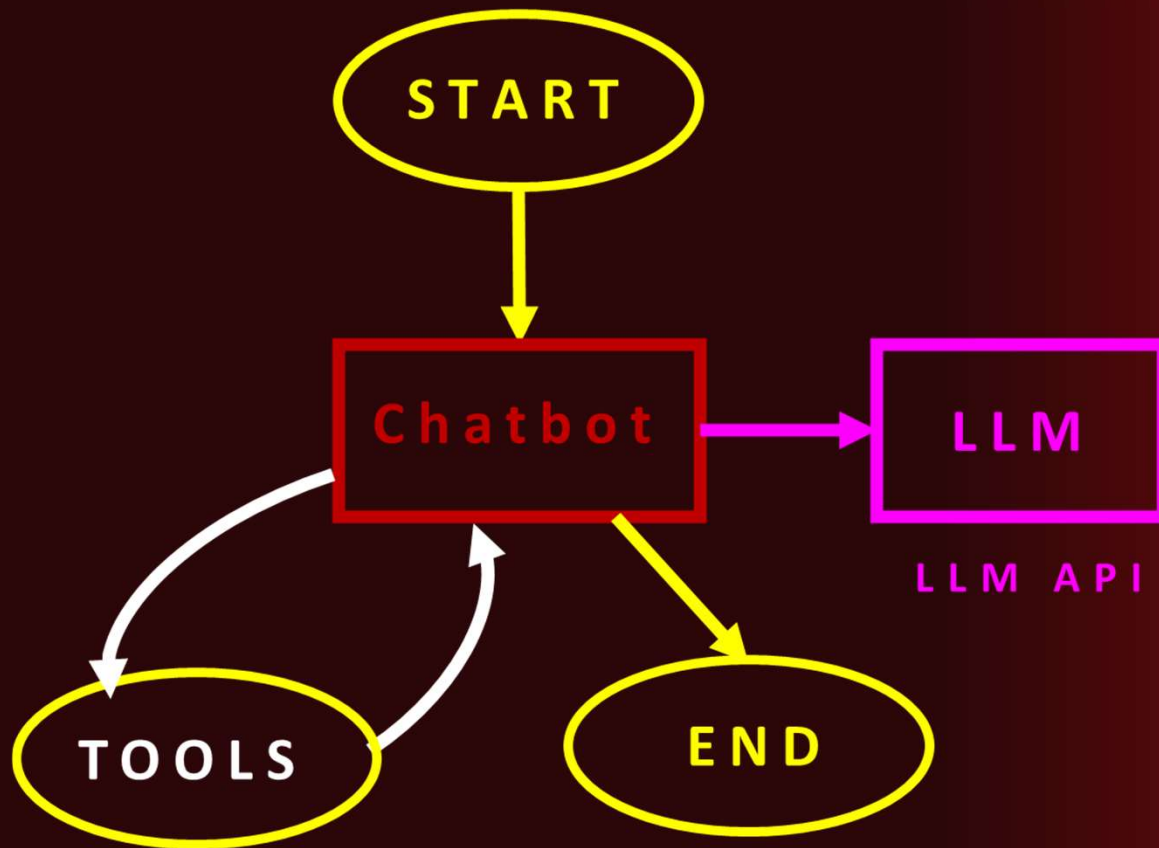
## Conclusion

- Impact on Research and Information Retrieval
- Future Enhancements and Scalability

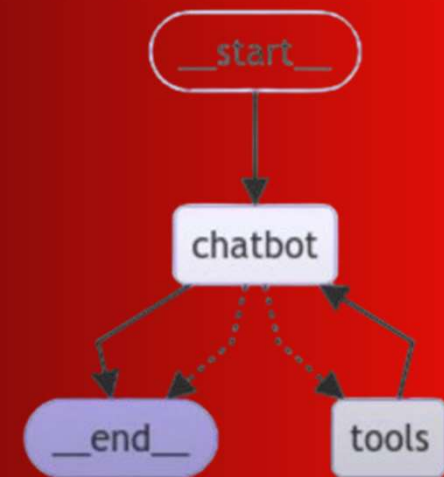
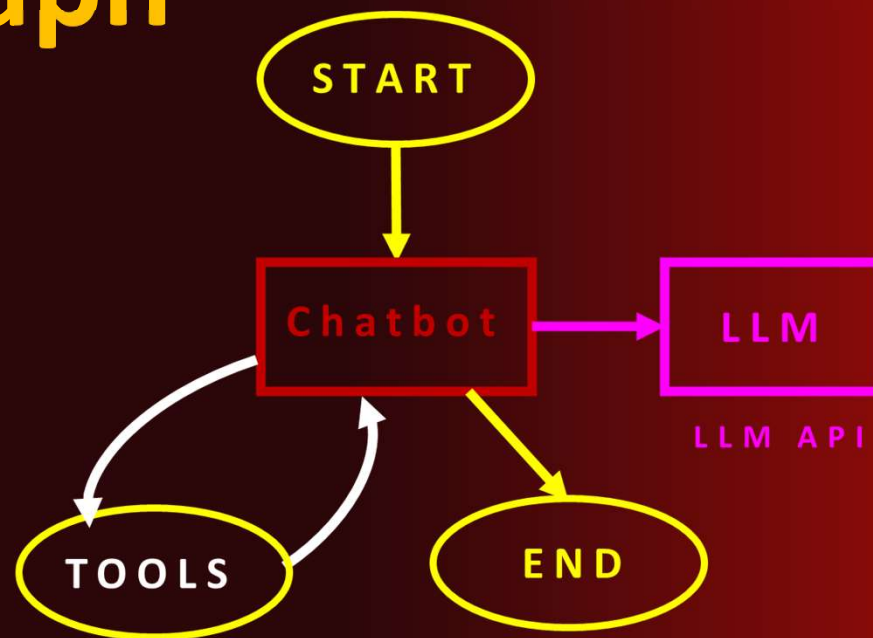
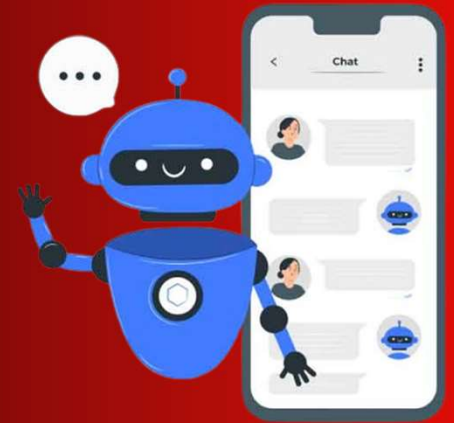
# Sonic Architects



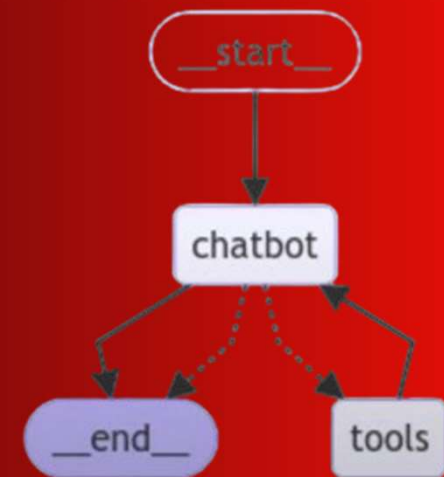
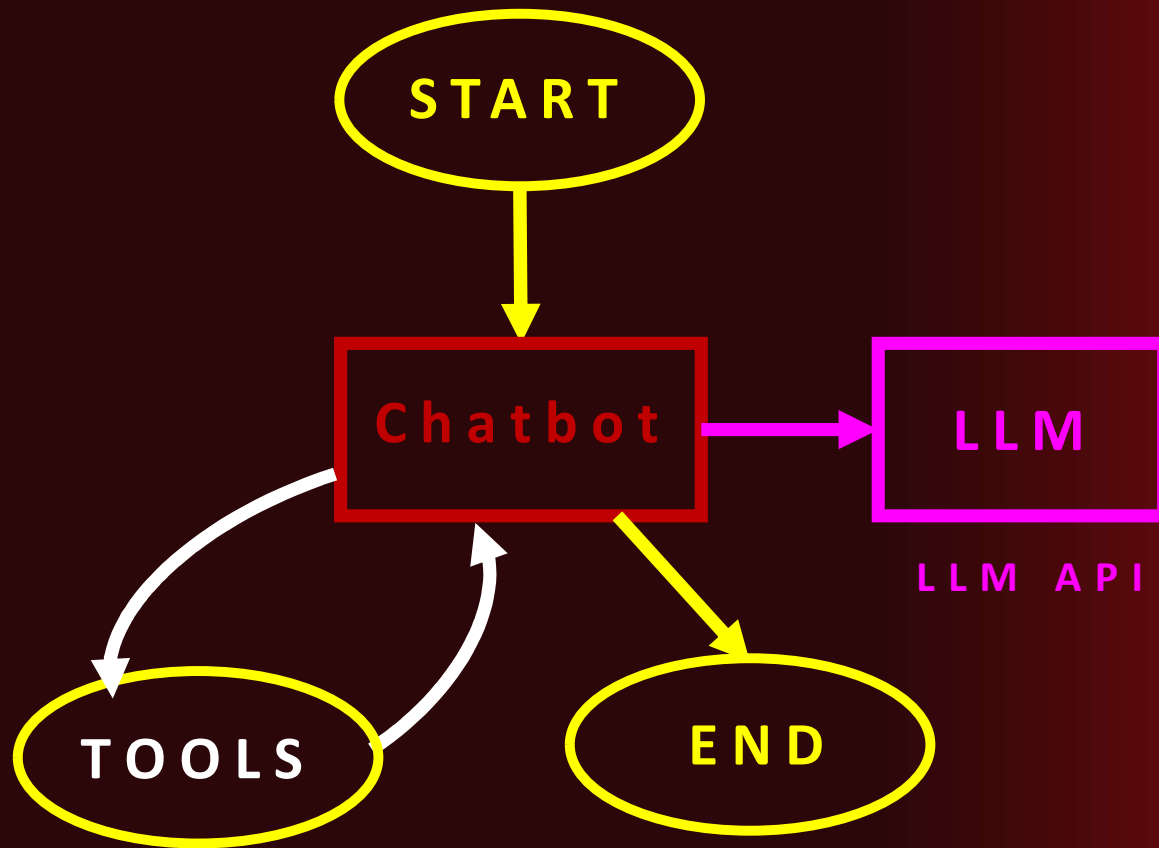
# Architecture or Flow

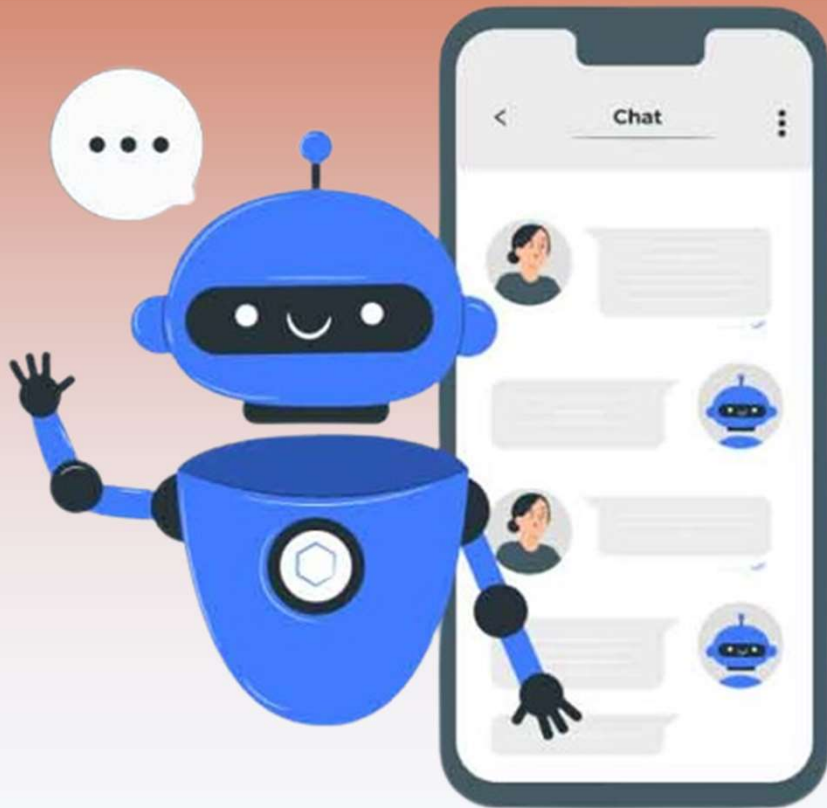


# Multi AI Agents Chatbots: Enhancing Research with External Tools Using **LangGraph**



## Multi AI Agents Chatbots: Enhancing Research with External Tools Using LangGraph





**Thank You!**