



SAUDI DIGITAL ACADEMY

Himah Digital Bootcamps – AI Bootcamp



الجمعية السعودية العلمية  
للرعاية الصحية المنزلية  
Saudi Scientific Home  
Health Care Society

# AI-BASED MEETING ANALYZER

Hanan Al-nabhani

2025



# Agenda

- Introduction
- Main Objective
- Implementation
- Evaluation
- Demo
- Future work



# Introduction

This project is an AI system  
that transcribes and analyzes  
audio meetings to extract  
decisions and responsibilities



# Introduction



I'm building it in collaboration  
with the Saudi Scientific Home  
Healthcare Society (SSHHS).



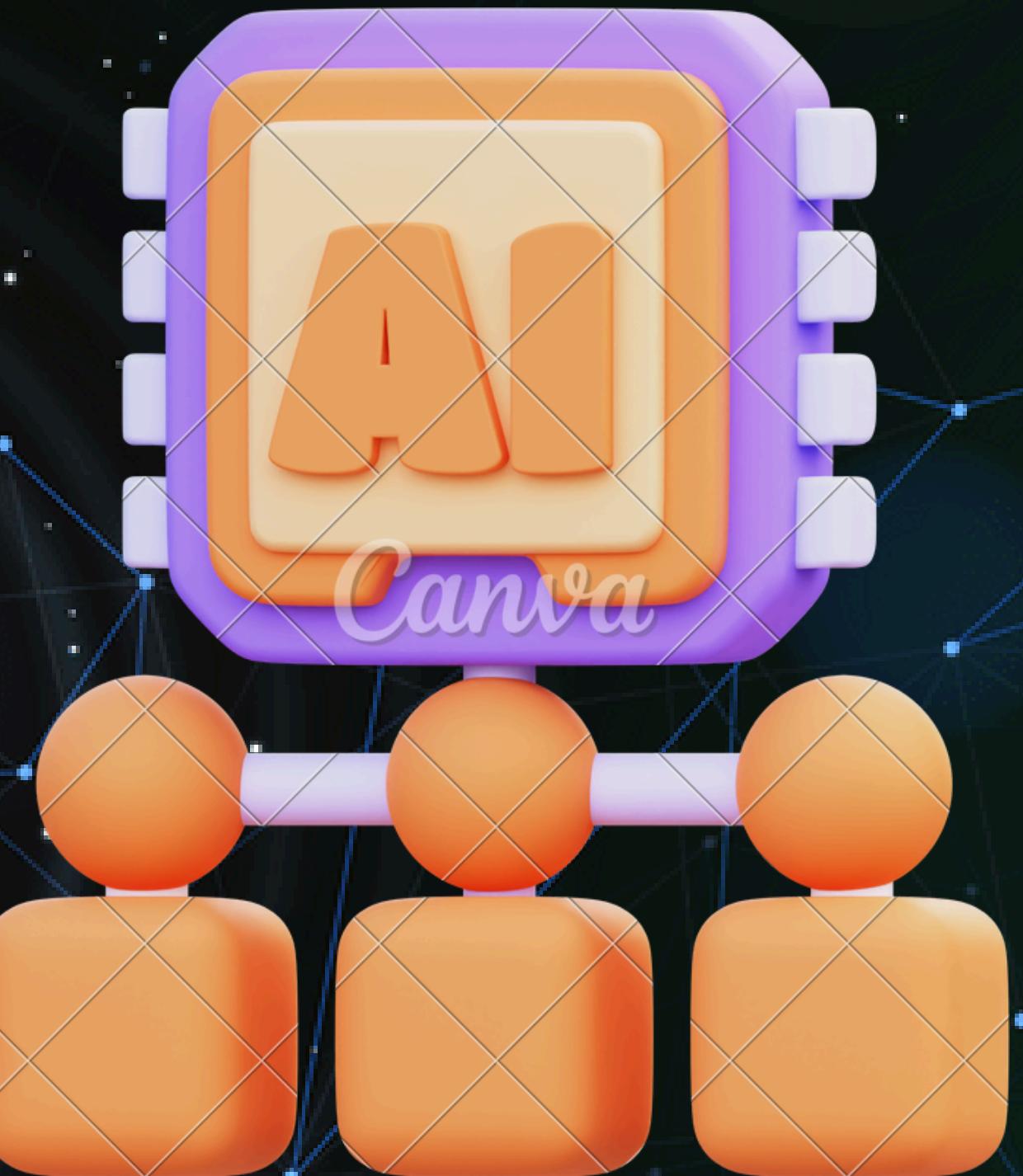
# Main Objective

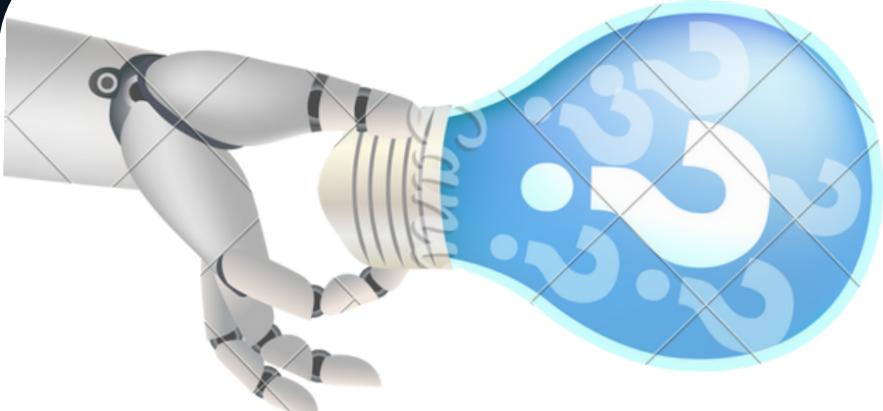
## Problem

1. Time-wasting
2. Inaccurate
3. Difficulty in searching and retrieving

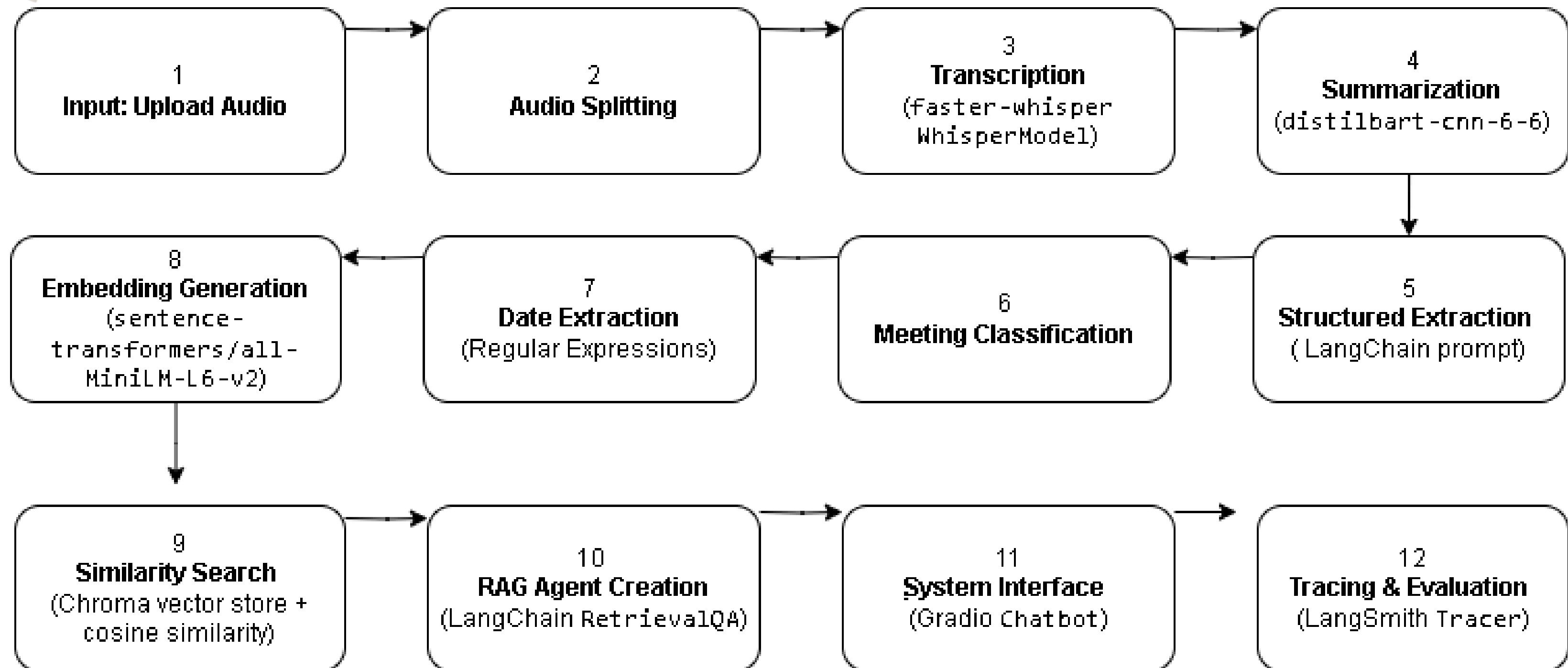
## Goal

1. Saving time and effort
2. Higher accuracy
3. Instant search and intelligent retrieval





# Implementation



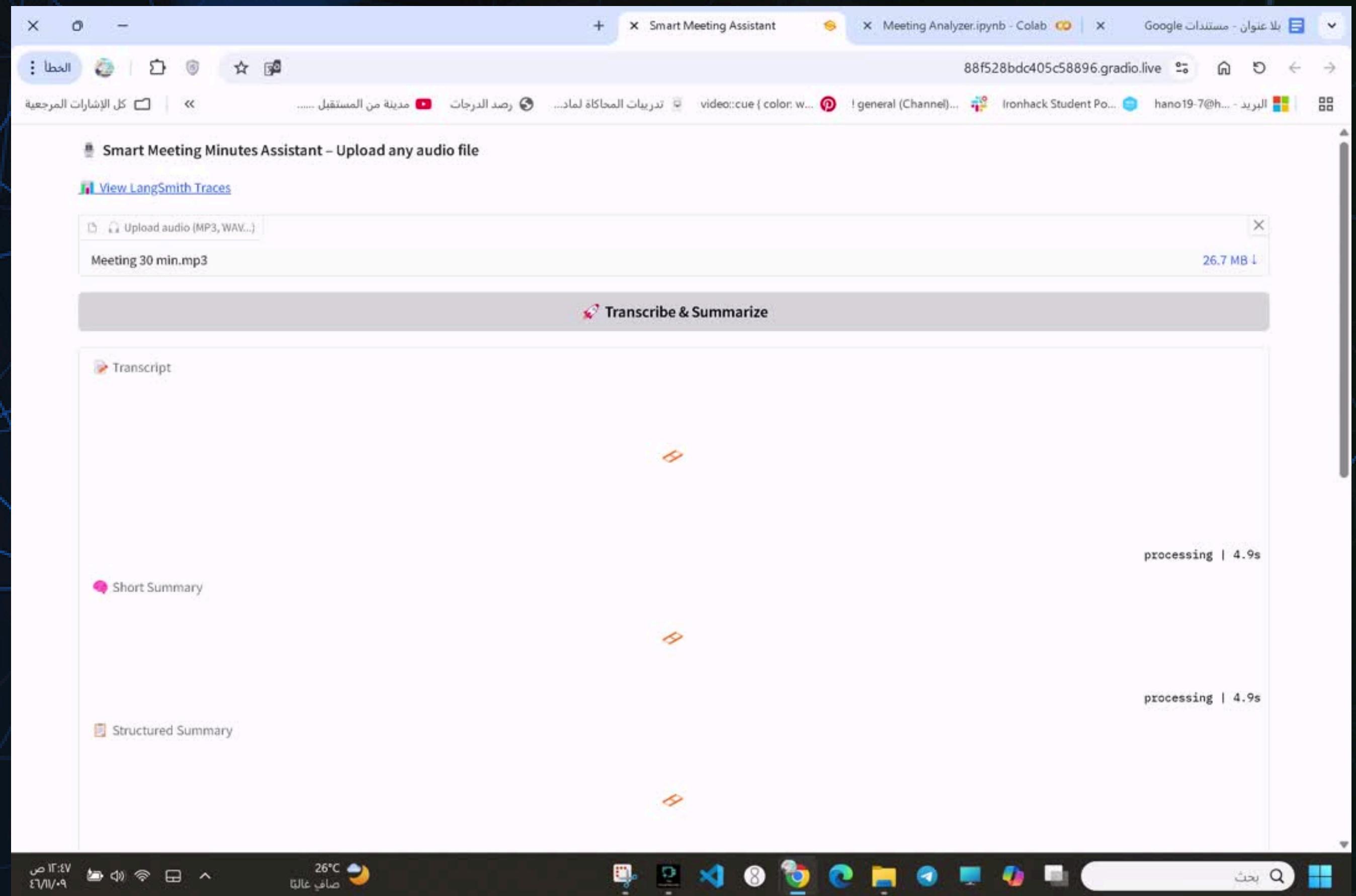
# Evaluation

smart-meeting-assistant

		Input	Output
<input type="checkbox"/>	<input checked="" type="checkbox"/> Name		
<input type="checkbox"/>	<input checked="" type="checkbox"/> VectorStoreRetriever	Tell me about Hanan alnabhani?	[{"metadata": {"source": "..."}]
<input type="checkbox"/>	<input checked="" type="checkbox"/> RetrievalQA	Tell me about Hanan alnabhani?	I don't have any information about Hanan alnabhani.
<input type="checkbox"/>	<input checked="" type="checkbox"/> StuffDocumentsChain	Who was appointed as the interim ...	Alan was appointed as the interim CEO.
<input type="checkbox"/>	<input checked="" type="checkbox"/> VectorStoreRetriever	Who was appointed as the interim ...	[{"metadata": {"source": "..."}]
<input type="checkbox"/>	<input checked="" type="checkbox"/> RetrievalQA	Who was appointed as the interim ...	Alan was appointed as the interim CEO.



# Demo & Deployment



# Demo & Deployment



DEMO

<https://ae1942335d54fb783d.gradio.live>

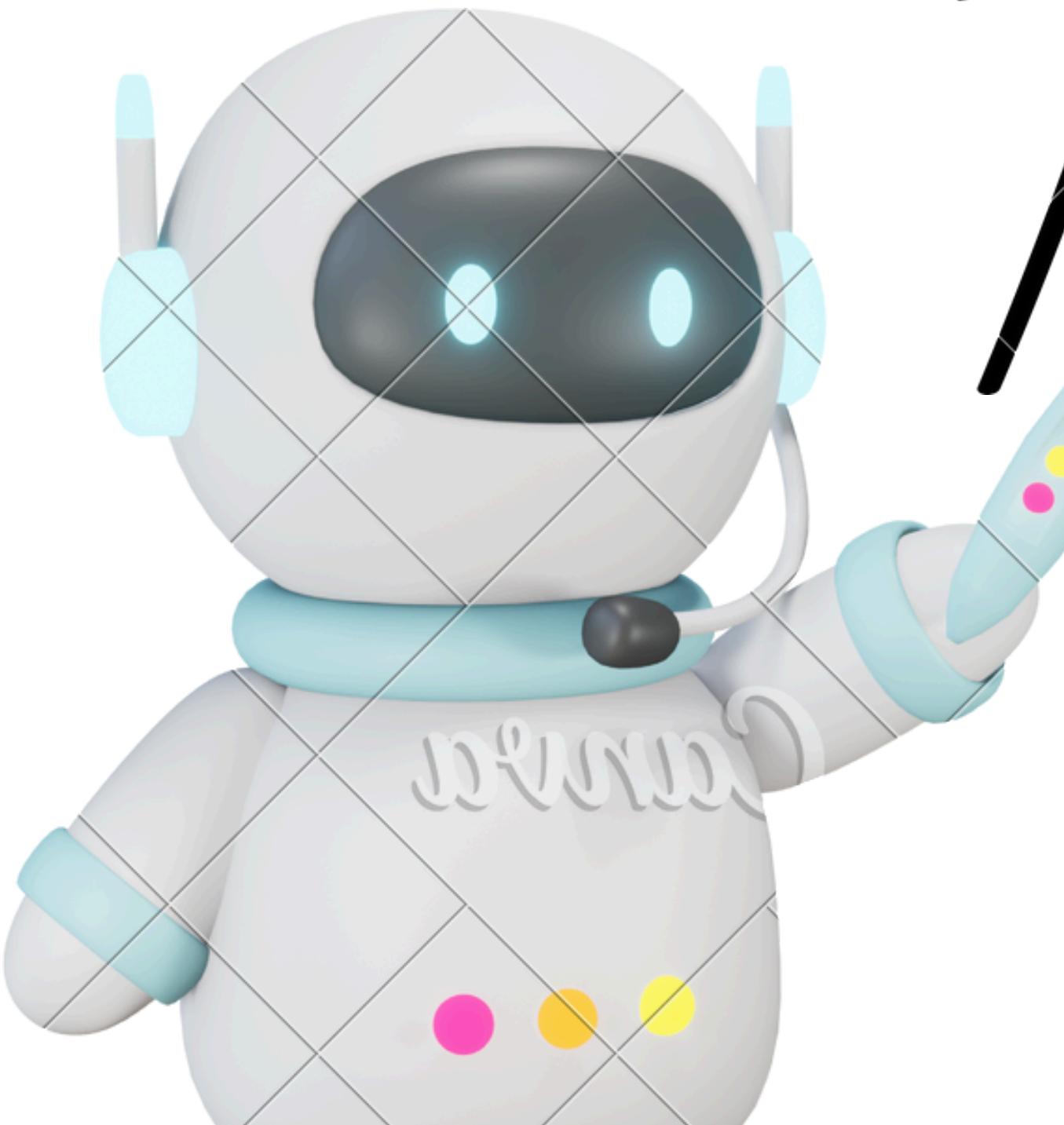
- What is the meeting about?
- What decisions were made?
- Are there specific tasks assigned to team members?
- Who was appointed as the interim security policy manager?
- Tell me about Hanan alnabhani





## Future work

- Cloud deployment and ability for employees to log in the system
- Integrate text-to-text functionality that transcribes, summarises, and offers Q/A with a pdf meeting report on top of audio.



*Thank you* 

For your kind listening

Any Questions ?