Jonathan PISCART Ruxi HE Riccardo RAVELLO Tianchi ZHAO Shiyu MAO Juliette LACROIX

HACKATHON

GROUP 6

ESSEC BUSINESS SCHOOL / CentraleSupélec

Ekimetrics.

Eki. + ClimateQ&A

OUTLINE

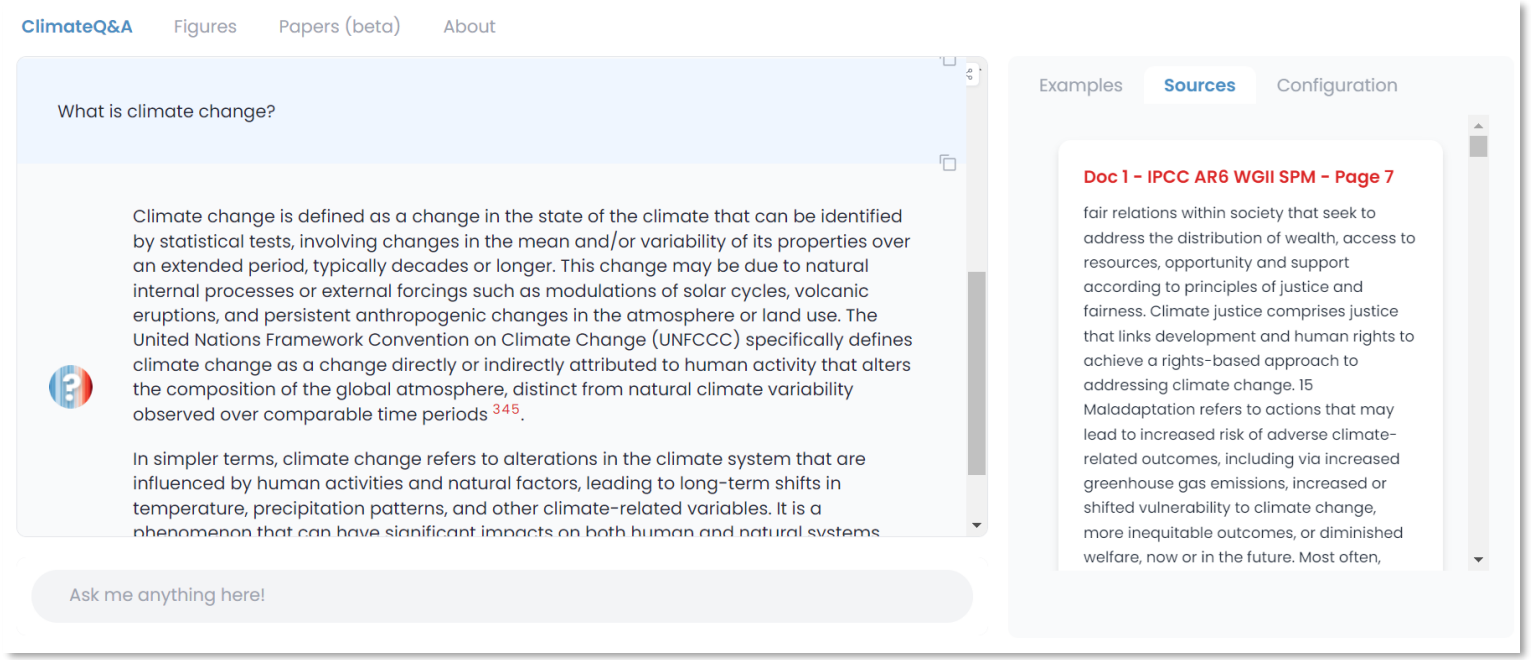
ClimateQA Overview
Context & Problematic
Team Presentation
Solution
Proposed Interface

CLIMATE QA OVERVIEW

ClimateQA by Ekimetrics.

Open source chatbot based on referenced reports.

Focus on climate-related questions.

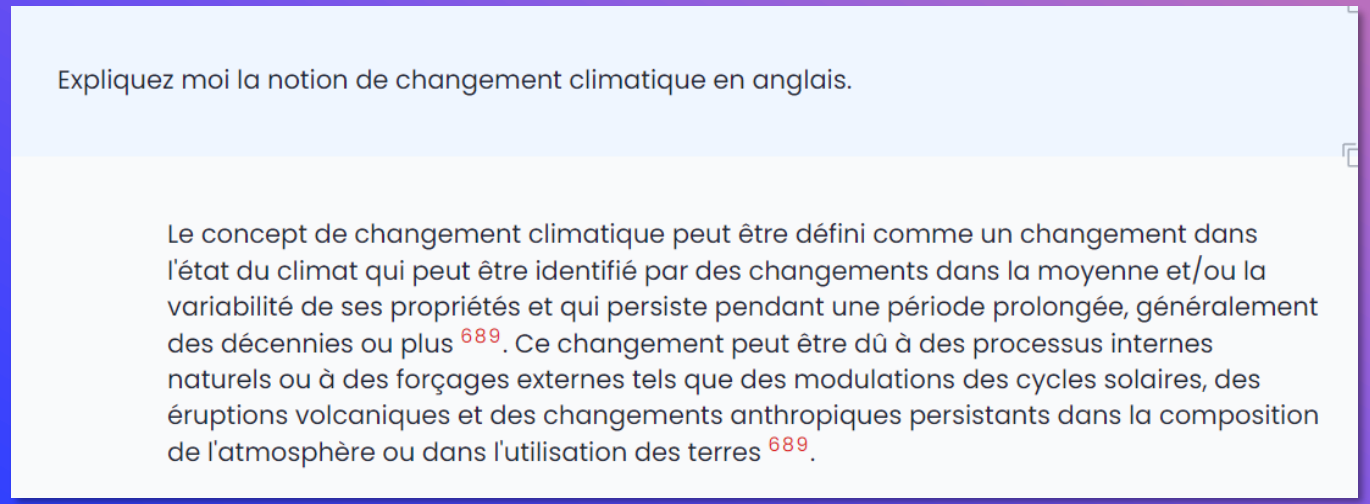


CONTEXT & PROBLEMATIC

PROBLEM 1

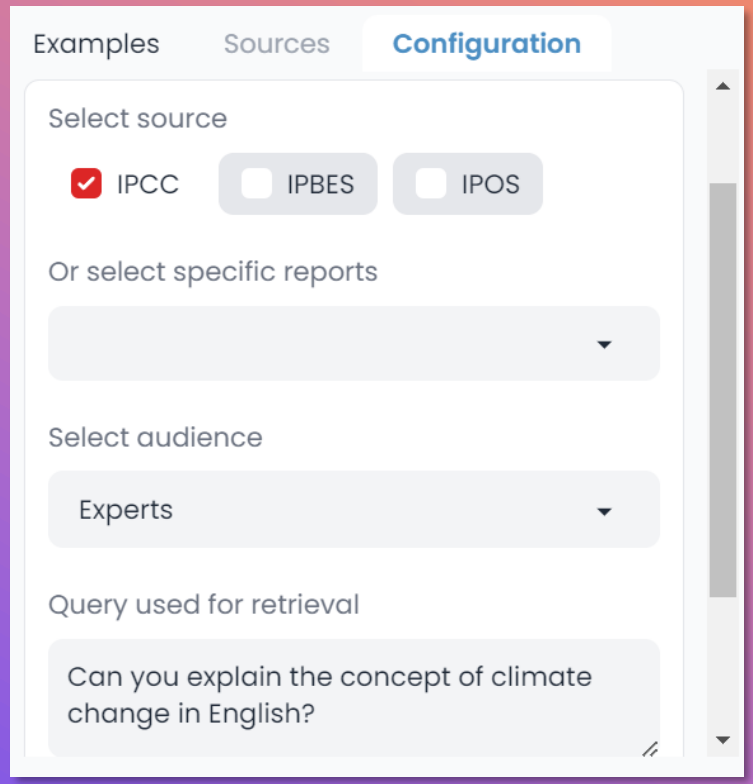
No translation available other than the language used in the question

Lack of possibility to choose the language



PROBLEM 2

Low filters availability



CONTEXT & PROBLEMATIC

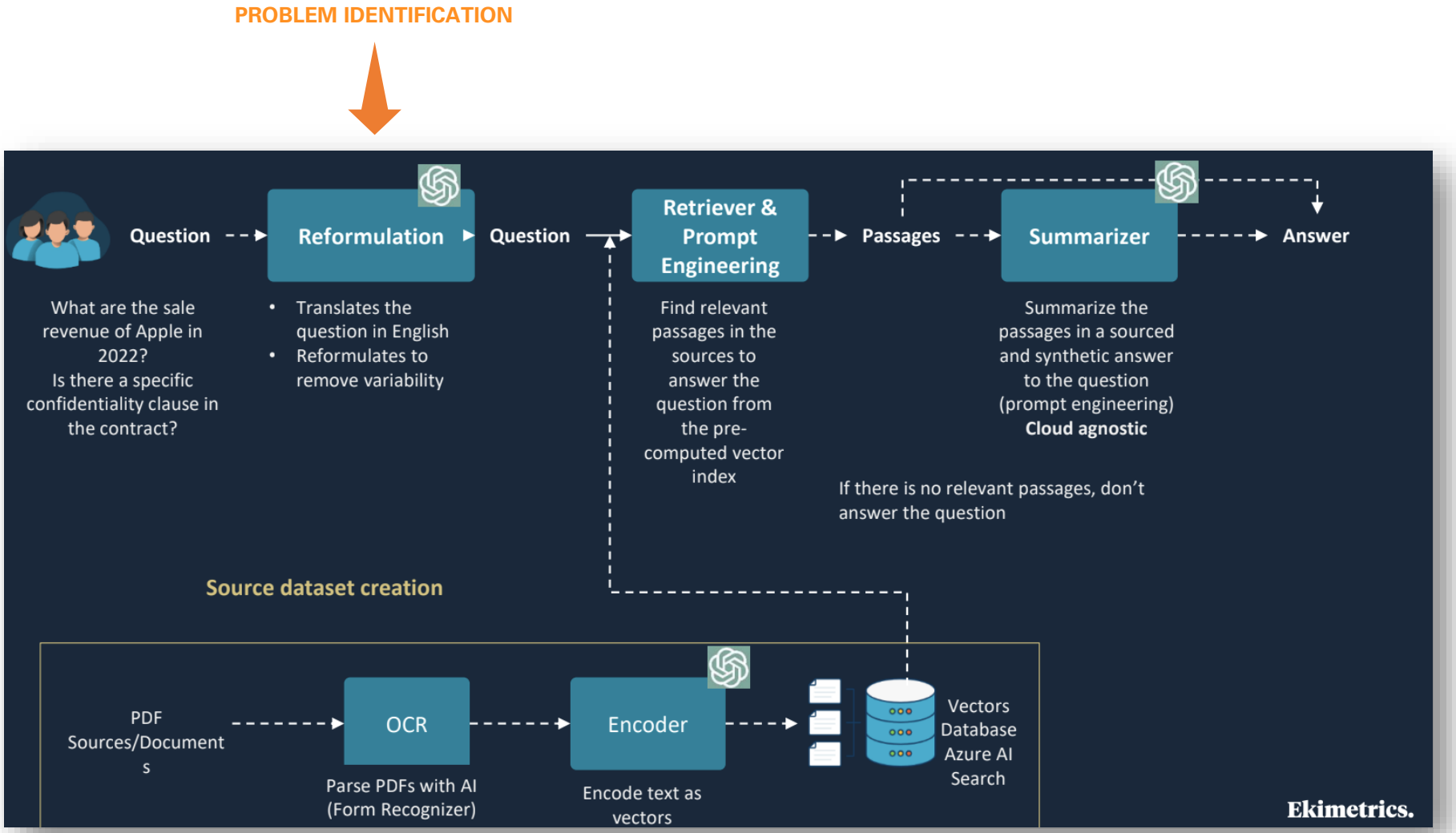
PROBLEM 3

Quel est le rôle du méthane dans le réchauffement climatique ?
Pourquoi faut-il réduire nos émissions de méthane ?
comment réduire le méthane ?
Quelles emissions pour un CV1
comment aider une entreprise à réduire ses émissions carbone ?
En combien de temps le méthane s'estompe de

PROBLEM 4

On a short answer, what is Climate Q&A?
In a short answer, how does Climate Q&A bot work?
What's my carbon footprint by taking a short flight?
in a short answer with five bullet points, give me the reasons that caused climate change?
in a short answer with three bullet points, give me the reasons that caused climate change?
at which periods of time do we have significant increase in short period of time of co2 except the pre-industrial time

GENERATIVE PIPELINE



OUR TEAM

An international team

Jonathan PISCART

FR

Riccardo RAVELLO

IT

Ruxi HE

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Tianchi ZHAO

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PROPOSED SOLUTION

IMPROVED CONFIGURATION INTERFACE

FEATURE 1 – CUSTOMIZED LENGTH

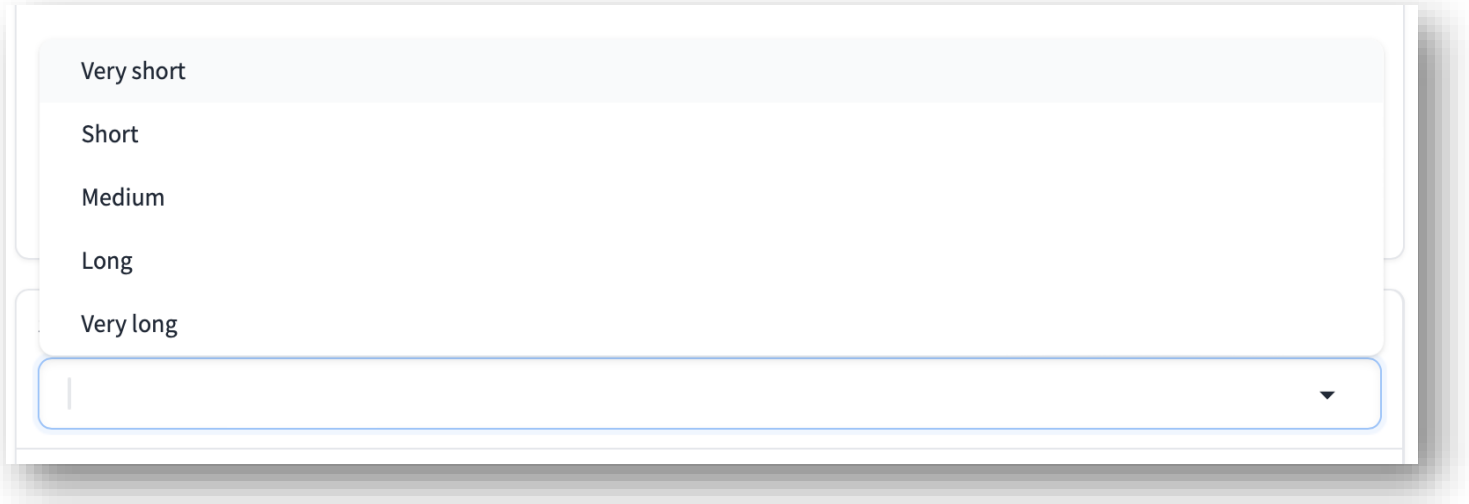
FEATURE 2 – TRANSLATION AVAILABILITY

FEATURE 3 – TARGETTED AUDIENCE

FEATURE 4 – TONE PERSONALIZATION

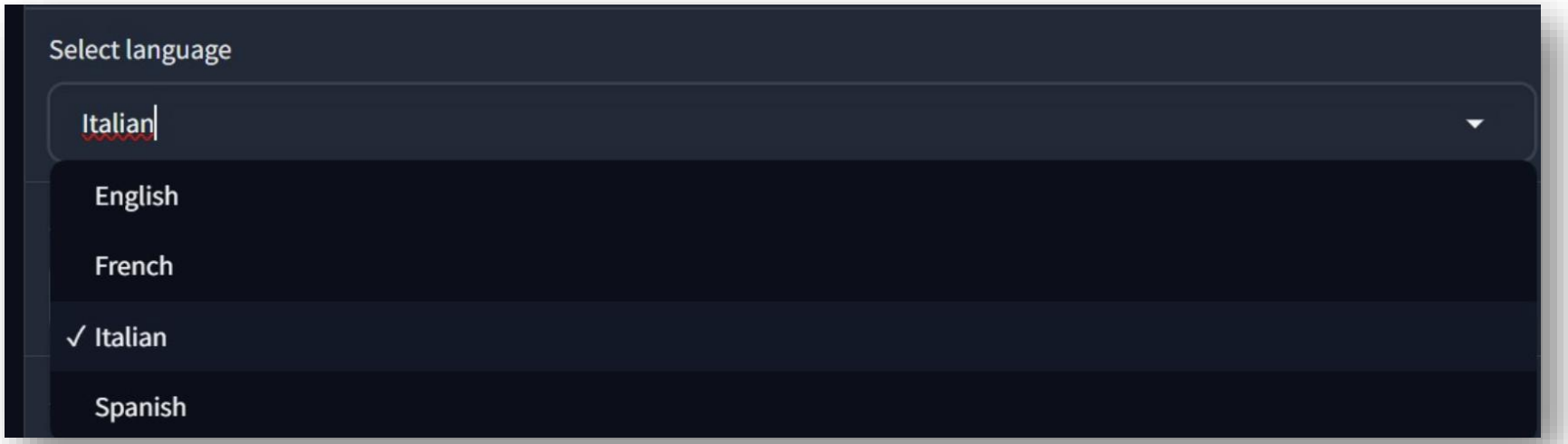
FEATURE 1 – CUSTOMIZED LENGTH

- Offering the possibility for users to choose the length of the answer
- User-friendly interface with 5 levels



FEATURE 2 – TRANSLATION AVAILABILITY

- Offering the possibility for users to select the language of the answer
- User-friendly interface



FEATURE 3 – TARGETTED AUDIENCE

Select audience

Dramatic

Informal

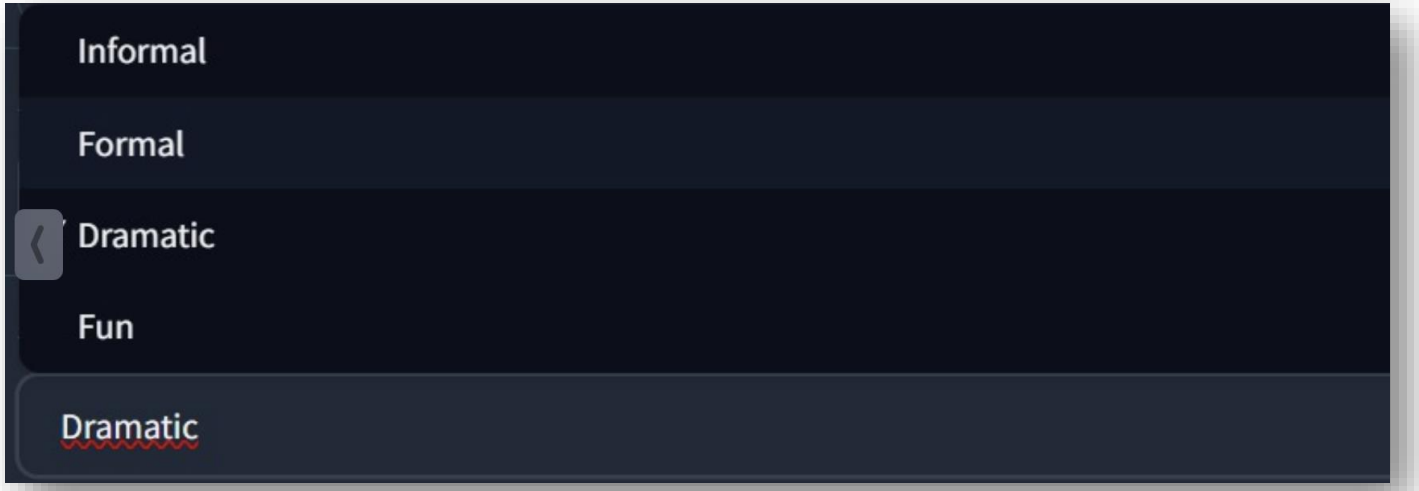
Formal

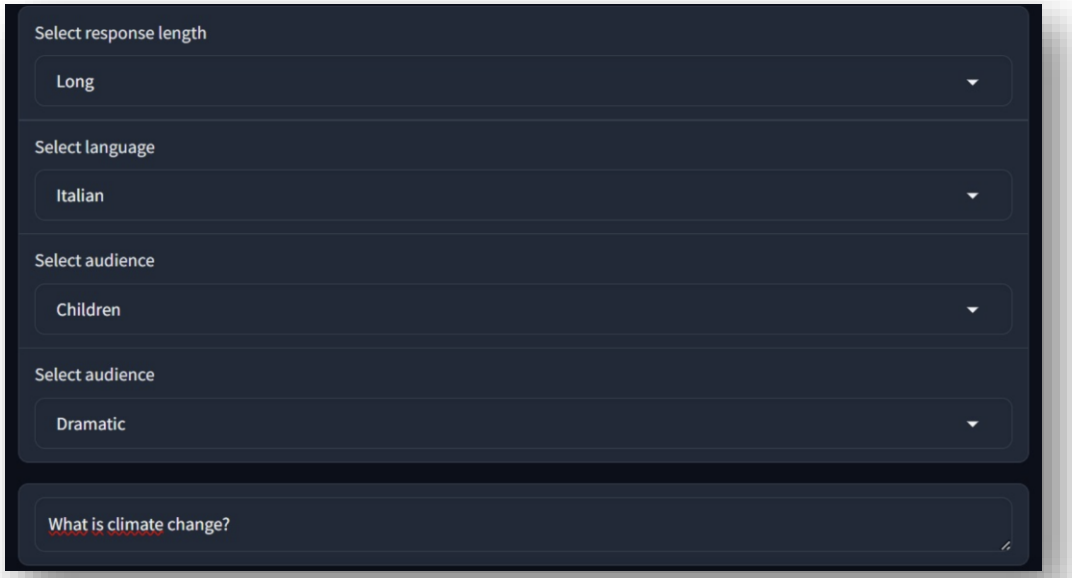
✓ Dramatic

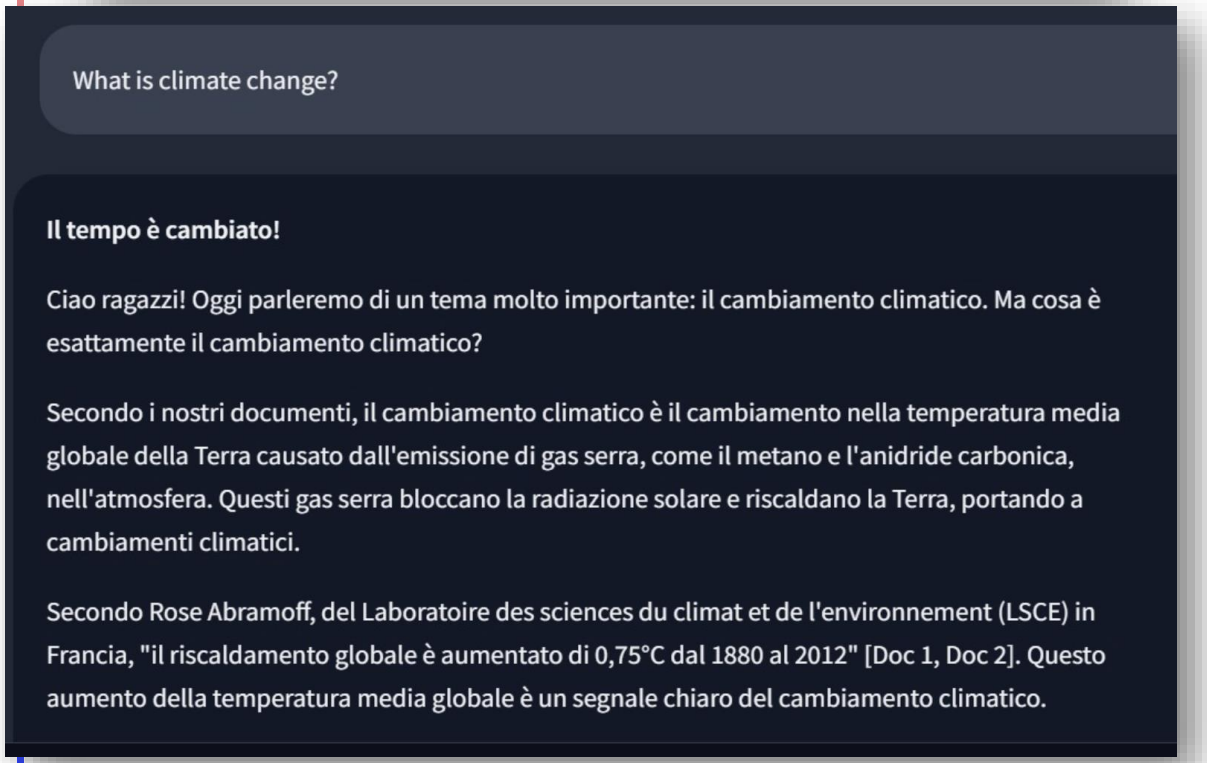
Fun

Dramatic

FEATURE 4 – TONE PERSONALIZATION







FINAL INTERFACE PRESENTATION

THANKS

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