



SHORTGPT – Elevenlabs hackathon 2023

Automating Video and Short Content Creation



An overview of ShortGPT, an open-source AI framework that auto of video and short content creation.

ShortGPT

Content Automation


Asset library


Config


 **Content Automation** 

Choose your desired automation task.

Choose an option

 Automate the creation of shorts

 Automate a video with stock assets

 Automate multilingual video dubbing

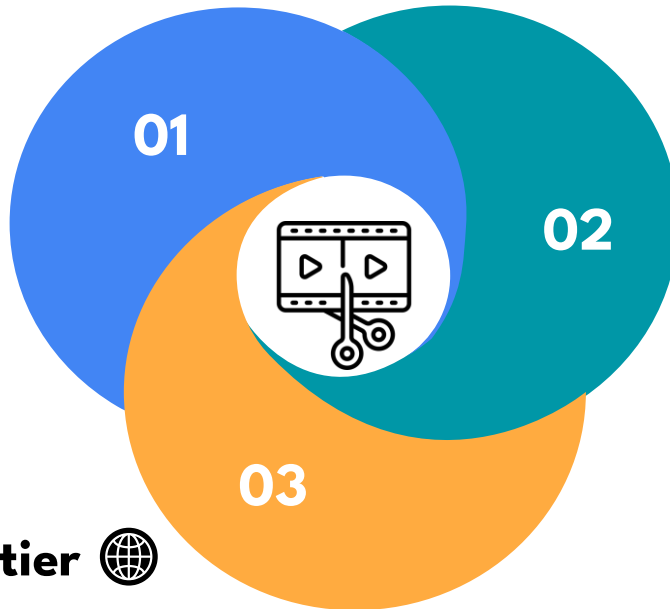
Input your video



2. The Problem

1. Time consuming

Making video / short content takes a lot of time: from writing a script, recording your voice, sourcing visuals, and doing the editing



2. Skills required

Most people don't have time to learn a lot of those skills, resulting in lower quality content, although, with good intentions.

3. Languages frontier

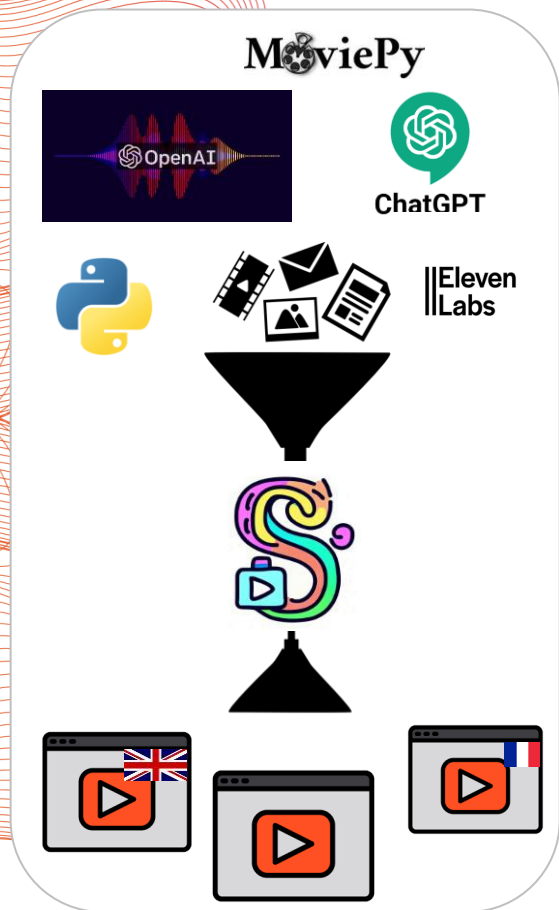
Video creation process is done in only one language, with a limited audience and reach.



3. Solution

🚀🎬 Introducing ShortGPT:

An opensource AI framework for content automation.



- 🎬 **Automated editing framework:** Streamlines the video creation process with an LLM oriented video editing language.
- 📄 **Scripts and Prompts:** Provides ready-to-use scripts and prompts for various LLM automated editing processes.
- 🗣️ **Caption Generation:** Automates the generation of video captions.
- 🌐📺 **Asset Sourcing:** Sources images and video footage from the internet, connecting with the web and Pexels API as necessary.
- 🌐🗄️ **Memory and persistency:** Ensures long-term persistency of automated editing variables with TinyDB.
- 🌐🚀 **Multilanguage content generation :** Provide features powered by AI to generate or translate contents in any language easily with a professional voice rendering.



4. Market Size

- 01** Given recent breakthroughs in LLMs, **the AI content creation market** could potentially surge to **over \$4 billion by 2027**, given an optimistic CAGR of around 30%.
- 02** The **video editing software market, powered by AI automation**, could see growth intensifying at a 7-8% CAGR, potentially pushing the market to reach **\$1.5-1.7 billion by 2025**.
- 03** Considering the integration of LLMs in social media platforms, the AI aspect could strike a boom, **potentially escalating to valuations over \$3 billion by 2023**, maintaining an optimistic CAGR of around 35%.

International market :

Dubbing

Youtube

News

Tiktok

Marketing

Shorts

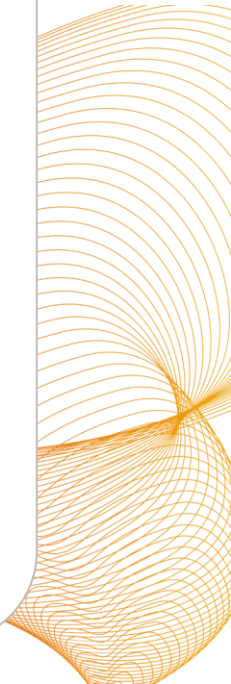
Niches

Interviews

Media

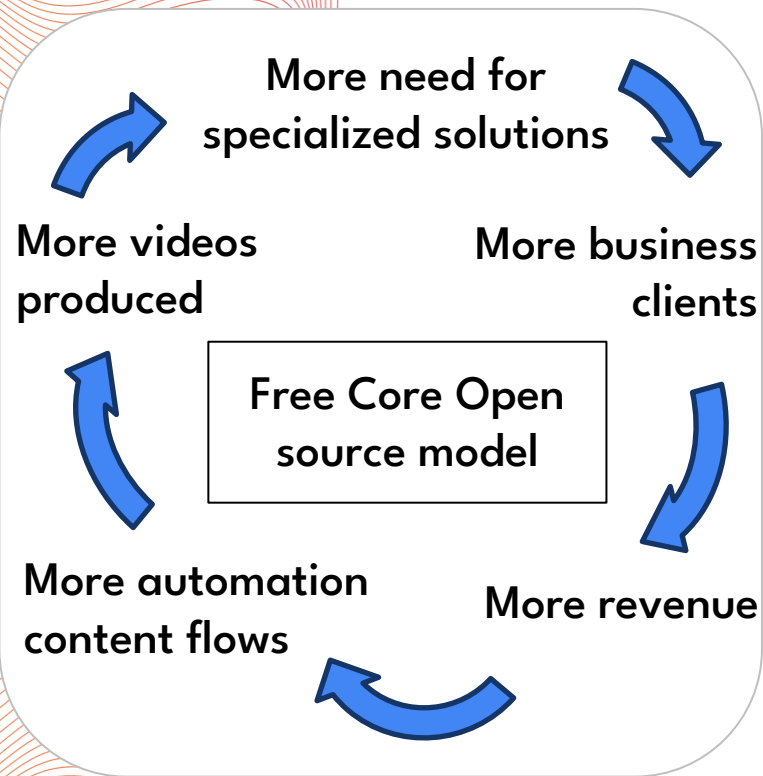
Prospection

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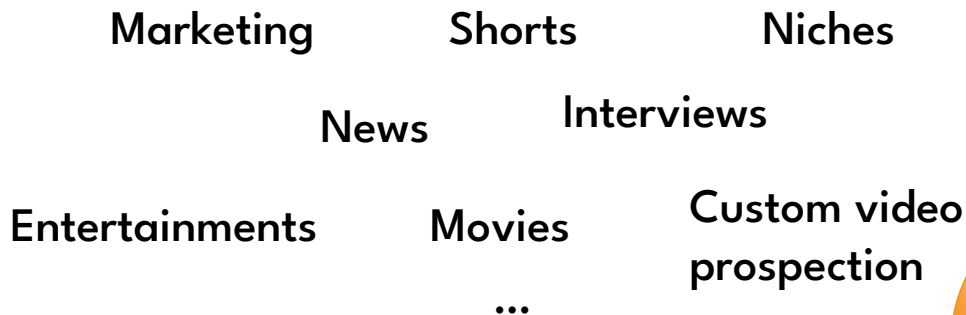
5. Revenue Stream



01 Professional business model with limited automated content flows and number of videos, scalable price per usage.

Scalable business

02 Setting up automated content flows for businesses / niches and dedicated activities



6. Next Steps / Backlog

01 Voices improvements powered by ElevenLabs 🚀

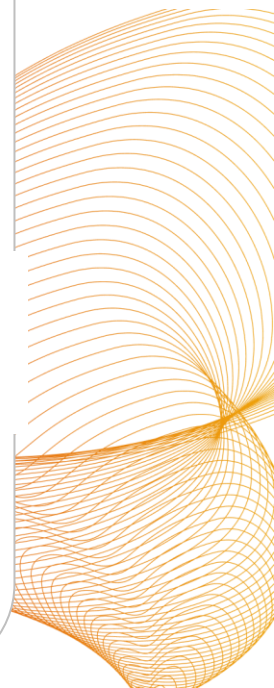
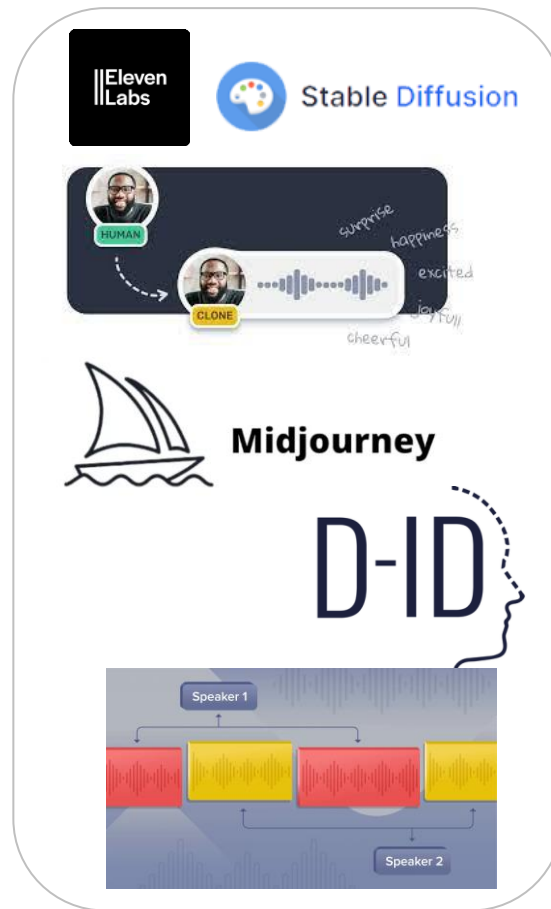
Explore Integrated Voice cloning using ElevenLabs for speaker authenticity, emotions in any languages.

02 Bring more creativity 🧠

Integrating local LLMs, local diffusion models, new external models and services.

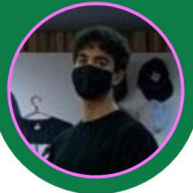

03 Bring more flexibility & features 🎬

Improve code base to bring more flexibility, customisation options and features for new engines.









7. Team




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8. Working Demo

DEMO WILL START IN :



GitHub

OPEN SOURCE :

<https://github.com/RayVentura/ShortGPT>



Google Colaboratory

AVAILABLE :

https://colab.research.google.com/drive/1_2UKdpF6IgxQcQWaAcZb3rwMVQqtbisdE?usp=sharing