ElevenLabs Hackathon

Team name: **TwelveLabs**

Team members: Ahmad, Hashim, Abdi, Afzal

Ideas

- Ad creator
- Podcast with multiple voices
- AI instant translator
- AI news
- Tackling loneliness

Ads.ai

- Introducing an innovative idea for creating advertisements.
- Allows users to create the perfect advert based on specific parameters.

Design

- ChatGPT for creating advertisement description.
- Image API and ElevenLabs API for audio and image generation.
- ffmpeg for layering image and audio to create the final video.
- Project architecture
- Tasks

Development and challenges

Challenges:

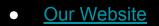- Team Members weren't familiar with AI tool stack. New to AI industry.
- Some members new to programming /hackathon

Development:

- Tool Stack used: Python, React, (NextJs, ReactJS, Tailwind), OpenAPI, ffmpeg, ElevenLabs, DreamStudio
- Migration during midway project because of issue using JS, Next.JS, and ElevenLabs.

Demo

- Our Website

Future Plans

- User should be able to upload a picture of the product and the image generator should create new images of the product.
- Video generation
- Adjustable length of video
- Optimise speed of api calls
- Dropdown for voices
- Improve UI/UX experience

Thank you