SEBI भारतीय प्रतिभूति और विनिमय बोर्ड
Securities and Exchange Board of India

APCI
PAYMENTS COUNCIL OF INDIA

AFCC
Fintech Convergence Council

GLOBAL FINTECH FEST

EMPOWERING
INVESTORS
<HACKATHON/>

Powered by H2S

Team Name : Angris.In

Problem Statement : Generate Educative Animated Shorts using GenAI

Problem Statement

In today's digital age, Indian banks grapple with providing timely, trustworthy educational content on securities markets. Our video generator tool, harnessing Gen AI and Machine Learning, transforms prompts into animated, tailored videos. From broad topics like "Option Trading" to nuanced details, it crafts engaging animations. Banks can now effortlessly educate customers, respond to regulatory changes, and curate financial playlists. We offer a revolution: personalized, engaging, and reliable financial education, all at a click.
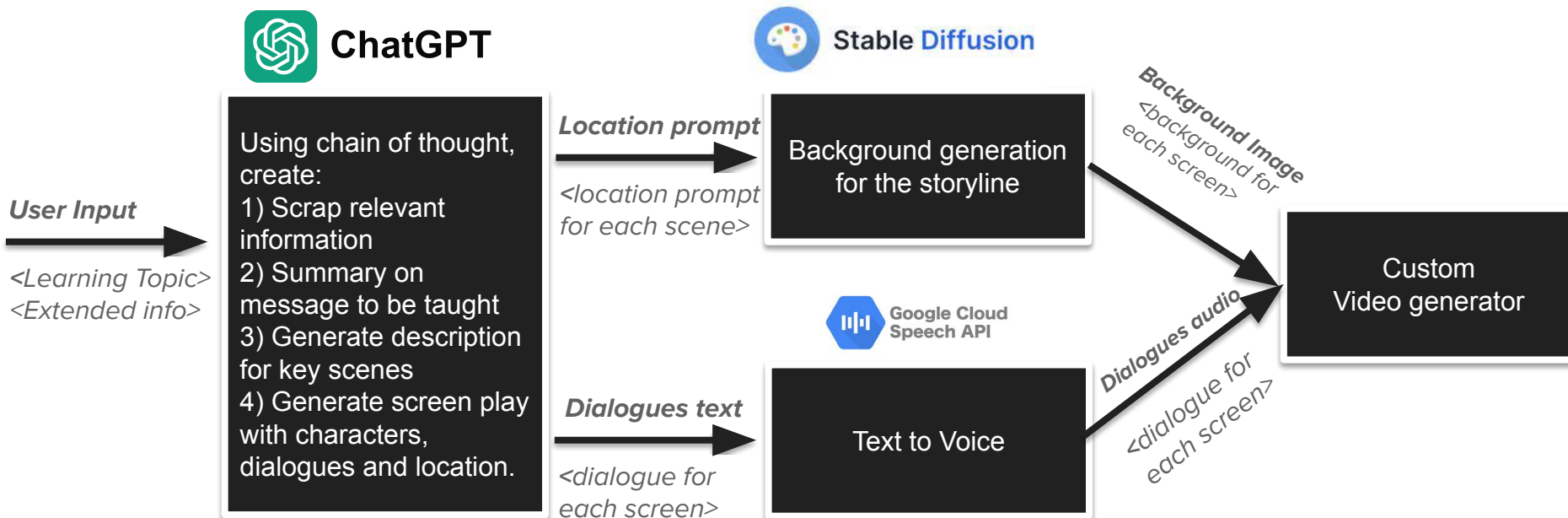
Proposed Solution

Generate a minimalistic animated video from a single prompt.

Why video ? Because it is most engaging for the people

You select a topic, let's say, Option Trading, it will generate a whole video on it. You can go specific and tell on what you need to learn from Options Trading, it will get you that.

The best part is that, they are not just text over image videos, they are animated videos with characters and dialogues. You can curate a playlist for financial topics or prepare video for a new article or regulatory changes too.
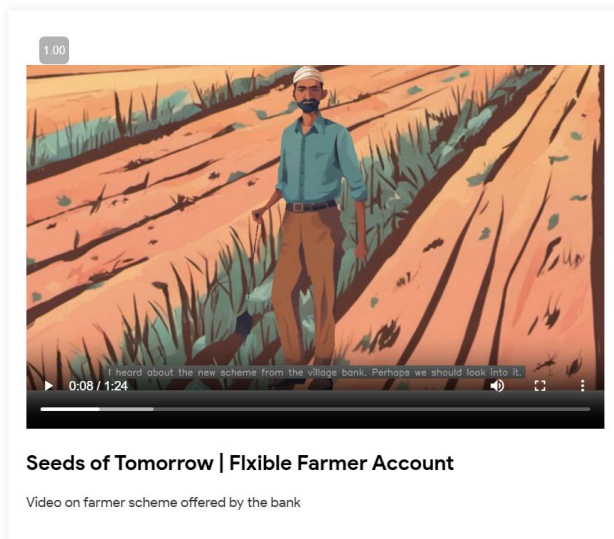
Architecture

User Input

<Learning Topic>
<Extended info>

ChatGPT

Using chain of thought, create:
1) Scrap relevant information
2) Summary on message to be taught
3) Generate description for key scenes
4) Generate screen play with characters, dialogues and location.

Location prompt

<location prompt for each scene>

Dialogues text

<dialogue for each screen>

Stable Diffusion

Background generation for the storyline

Background Image *<background for each screen>*

Google Cloud Speech API

Text to Voice

Dialogues audio *<dialogue for each screen>*

Custom Video generator

Demo Video/Live Demo

https://youtu.be/IyzJQ_OW_Vs

Screenshots

Screenshots

Episodes

Locations

Characters

Locations

BANK OUTSIDE

BANK INSIDE

CONFERENCE ROOM

FARM FIELD

LOCAL MARKET

+ Add Location

SEBI भारतीय प्रतिभूति और विनिमय बोर्ड
Securities and Exchange Board of India

PCI
PAYMENTS COUNCIL OF INDIA

FCC
Fintech Convergence Council

H2S
HACK2SKILL

Can't OpenSource the Github Repo as I am building a bigger product around it.

Instead will deploy the final site before the Demo, so that it can be tested in live

Find a repository...

Type ▾   Language ▾   Sort ▾   🖥 New

maya-flask Private

🔵 Python   Updated 3 minutes ago

☆ Star ▾

maya-showrunner-server Private

🔵 Python   Updated 15 hours ago

☆ Star ▾

maya-showrunner Private

🟡 JavaScript   Updated 2 days ago

☆ Star ▾

ANGRIS

Angris India

AngrisIn

Edit profile

Results Summary

- The Script, Knowledge are GPT Generated
- The Voice for Characters are Google Wavenet Generated
- The background and artworks are Stable Diffusion Generated and edited manually for better quality
- Based on the device's capability a 1 min 30 sec video can be generated in 30-40 seconds with API calls worth less than a Dollar