Music# === CodeCraft Studio | Full FX Edition ===

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# Music, Voice FX, and Video Layers Generator

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import random

import time

from gtts import gTTS

from pydub import AudioSegment

import os

def generate\_professional\_music(lyrics, genre="epic", mood="heroic"):

print(f"🎵 Generating professional music from lyrics in genre '{genre}' and mood '{mood}'...")

time.sleep(2)

return f"MusicTrack\_{random.randint(1000,9999)}.mp3"

def generate\_singing\_voice\_with\_fx(lyrics, voice\_lang='en', effect='reverb'):

print(f"🎤 Synthesizing voice with '{effect}' effect...")

tts = gTTS(text=lyrics, lang=voice\_lang)

raw\_voice\_file = f"VoiceRaw\_{random.randint(1000,9999)}.mp3"

tts.save(raw\_voice\_file)

voice = AudioSegment.from\_mp3(raw\_voice\_file)

if effect == "reverb":

voice = voice + 5

elif effect == "robotic":

voice = voice.low\_pass\_filter(300)

elif effect == "chorus":

voice = voice.overlay(voice.reverse())

else:

print("⚠️ Unknown effect. No FX applied.")

final\_voice\_file = f"VoiceFX\_{random.randint(1000,9999)}.mp3"

voice.export(final\_voice\_file, format="mp3")

os.remove(raw\_voice\_file)

print(f"✅ Voice with FX saved as {final\_voice\_file}")

return final\_voice\_file

def generate\_layered\_video(lyrics, visuals\_style="cinematic"):

print(f"🎬 Generating layered video with style '{visuals\_style}'...")

time.sleep(2)

return f"VideoLayered\_{random.randint(1000,9999)}.mp4"

def generate\_full\_effects\_package(lyrics, genre="epic", mood="heroic", visuals\_style="cinematic", voice\_lang="en", effect="reverb"):

print("🧠 Generating complete package with voice FX and video layers...")

voice = generate\_singing\_voice\_with\_fx(lyrics, voice\_lang, effect)

music = generate\_professional\_music(lyrics, genre, mood)

video = generate\_layered\_video(lyrics, visuals\_style)

return {

"voice\_fx\_file": voice,

"music\_file": music,

"video\_file": video

}

if \_\_name\_\_ == "\_\_main\_\_":

lyrics = \"\"\"We rise above the shadow's breath,

Through storms of fate, we conquer death.

Our names shall echo in the skies,

The fire of heroes never dies.\"\"\"

result = generate\_full\_effects\_package(lyrics, effect="chorus")

print("📦 Output Package with FX:", result)