import openai

import os

import streamlit as st

from dotenv import load\_dotenv

from pathlib import Path

import razorpay

import json

# Load environment variables

load\_dotenv()

openai.api\_key = os.getenv("OPENAI\_API\_KEY")

# Razorpay credentials

RAZORPAY\_KEY\_ID = os.getenv("RAZORPAY\_KEY\_ID")

RAZORPAY\_KEY\_SECRET = os.getenv("RAZORPAY\_KEY\_SECRET")

client = razorpay.Client(auth=(RAZORPAY\_KEY\_ID, RAZORPAY\_KEY\_SECRET))

# Streamlit UI

st.set\_page\_config(page\_title="AI Business Plan Generator", layout="wide")

st.title("📊 AI Business Plan Generator")

st.write("Generate a professional business plan for your startup or project using AI.")

# Session state

if 'paid' not in st.session\_state:

st.session\_state.paid = False

# Collect inputs

idea = st.text\_area("Business Idea", "An AI-powered app that generates investor-ready business plans for startups.")

industry = st.text\_input("Industry", "SaaS / Artificial Intelligence")

audience = st.text\_input("Target Audience", "Startup founders, freelancers, small business owners")

funding = st.text\_input("Funding Needs", "$50,000")

goals = st.text\_area("Business Goals", "To simplify and speed up the business planning process using AI")

# Razorpay payment logic

if not st.session\_state.paid:

st.subheader("💳 Payment")

if st.button("🔒 Pay ₹99 to Generate Plan"):

order\_data = {

'amount': 9900, # Amount in paise (₹99)

'currency': 'INR',

'payment\_capture': '1'

}

order = client.order.create(data=order\_data)

st.markdown("""

<form action="https://api.razorpay.com/v1/checkout/embedded" method="POST">

<input type="hidden" name="key\_id" value="{key}"/>

<input type="hidden" name="order\_id" value="{order\_id}"/>

<input type="hidden" name="name" value="AI Business Plan Generator"/>

<input type="hidden" name="description" value="Generate business plan using AI"/>

<input type="hidden" name="amount" value="9900"/>

<input type="hidden" name="prefill[name]" value="Dhruva"/>

<input type="hidden" name="prefill[email]" value="test@example.com"/>

<input type="hidden" name="theme[color]" value="#3399cc"/>

<input type="submit" value="Pay with Razorpay"/>

</form>

""".format(key=RAZORPAY\_KEY\_ID, order\_id=order['id']), unsafe\_allow\_html=True)

st.stop()

else:

st.success("✅ Payment Successful. You may now generate your plan.")

# Temporary button for testing purposes

if st.button("✅ I have completed payment"):

st.session\_state.paid = True

# Generate plan if paid

if st.session\_state.paid and st.button("🚀 Generate Business Plan"):

prompt = f"""

You are an expert business consultant and startup strategist. Using the details below, generate a comprehensive and structured business plan that is suitable for presentation to investors, banks, or stakeholders.

Inputs:

- Business Idea: {idea}

- Industry: {industry}

- Target Audience: {audience}

- Funding Needs: {funding}

- Business Goals: {goals}

The business plan should be well-organized and include the following sections:

1. Executive Summary

2. Company Description

3. Market Analysis

4. Product/Service Overview

5. Marketing & Sales Strategy

6. Operational Plan

7. Financial Projections

8. Competitor Analysis

9. Funding Requirements & Usage

10. Conclusion & Future Vision

Make sure the tone is professional, insightful, and tailored for a serious business proposal. Add bullet points or tables wherever needed.

"""

with st.spinner("Generating your business plan..."):

response = openai.ChatCompletion.create(

model="gpt-4",

messages=[

{"role": "system", "content": "You are a professional business strategist."},

{"role": "user", "content": prompt}

],

temperature=0.7,

max\_tokens=3000

)

business\_plan = response['choices'][0]['message']['content']

st.subheader("📄 Generated Business Plan")

st.write(business\_plan)

# Save to file

with open("business\_plan.txt", "w", encoding="utf-8") as f:

f.write(business\_plan)

with open("business\_plan.txt", "r") as file:

st.download\_button(label="📥 Download Plan as TXT",

data=file,

file\_name="business\_plan.txt")