**import zipfile**

**import os**

**# Define file structure**

**project\_name = "download-buddy"**

**template\_dir = f"{project\_name}/templates"**

**os.makedirs(template\_dir, exist\_ok=True)**

**# File contents**

**files = {**

**f"{project\_name}/app.py": """**

**import os**

**import yt\_dlp**

**from flask import Flask, request, jsonify, send\_file, render\_template**

**app = Flask(\_\_name\_\_, template\_folder='templates')**

**DOWNLOAD\_DIR = "downloads"**

**if not os.path.exists(DOWNLOAD\_DIR):**

**os.makedirs(DOWNLOAD\_DIR)**

**ydl\_opts = {**

**'format': 'bestaudio/best',**

**'outtmpl': f'{DOWNLOAD\_DIR}/%(title)s.%(ext)s',**

**'postprocessors': [{**

**'key': 'FFmpegExtractAudio',**

**'preferredcodec': 'mp3',**

**'preferredquality': '192',**

**}],**

**'quiet': True**

**}**

**@app.route('/')**

**def index():**

**return render\_template('index.html')**

**@app.route('/download/audio', methods=['POST'])**

**def download\_audio():**

**url = request.form.get('url')**

**if not url:**

**return jsonify({'error': 'URL is required'}), 400**

**with yt\_dlp.YoutubeDL(ydl\_opts) as ydl:**

**info = ydl.extract\_info(url, download=True)**

**file\_path = ydl.prepare\_filename(info).replace(info['ext'], 'mp3')**

**return send\_file(file\_path, as\_attachment=True)**

**@app.route('/download/video', methods=['POST'])**

**def download\_video():**

**url = request.form.get('url')**

**if not url:**

**return jsonify({'error': 'URL is required'}), 400**

**video\_opts = ydl\_opts.copy()**

**video\_opts['format'] = 'best'**

**video\_opts.pop('postprocessors', None)**

**with yt\_dlp.YoutubeDL(video\_opts) as ydl:**

**info = ydl.extract\_info(url, download=True)**

**file\_path = ydl.prepare\_filename(info)**

**return send\_file(file\_path, as\_attachment=True)**

**if \_\_name\_\_ == '\_\_main\_\_':**

**app.run(debug=True)**

**""",**

**f"{project\_name}/requirements.txt": "flask\nyt-dlp\n",**

**f"{project\_name}/.render.yaml": """**

**services:**

**- type: web**

**name: download-buddy**

**env: python**

**plan: free**

**buildCommand: pip install -r requirements.txt**

**startCommand: python app.py**

**autoDeploy: true**

**""",**

**f"{template\_dir}/index.html": """**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<title>Download Buddy</title>**

**<style>**

**body { font-family: sans-serif; max-width: 500px; margin: 40px auto; }**

**input, button, select { padding: 10px; margin-top: 10px; width: 100%; }**

**h1 { text-align: center; }**

**</style>**

**</head>**

**<body>**

**<h1>🎵 Download Buddy</h1>**

**<form method="POST" id="downloadForm">**

**<input type="text" name="url" placeholder="Paste video URL here" required />**

**<select name="type">**

**<option value="audio">Download Audio (MP3)</option>**

**<option value="video">Download Video (MP4)</option>**

**</select>**

**<button type="submit">Download</button>**

**</form>**

**<script>**

**document.getElementById('downloadForm').addEventListener('submit', async (e) => {**

**e.preventDefault();**

**const form = e.target;**

**const url = form.url.value;**

**const type = form.type.value;**

**const endpoint = `/download/${type}`;**

**const formData = new FormData();**

**formData.append('url', url);**

**const response = await fetch(endpoint, {**

**method: 'POST',**

**body: formData**

**});**

**if (response.ok) {**

**const blob = await response.blob();**

**const a = document.createElement('a');**

**a.href = window.URL.createObjectURL(blob);**

**a.download = `${type === 'audio' ? 'audio.mp3' : 'video.mp4'}`;**

**a.click();**

**} else {**

**alert('Download failed.');**

**}**

**});**

**</script>**

**</body>**

**</html>**

**"""**

**}**

**# Create the ZIP file**

**zip\_path = "/mnt/data/download-buddy.zip"**

**with zipfile.ZipFile(zip\_path, 'w') as zf:**

**for filepath, content in files.items():**

**with open(filepath, 'w', encoding='utf-8') as f:**

**f.write(content.strip())**

**zf.write(filepath)**

**zip\_path**