Intern Project Assessment: AI Text-to-Video Application.

Objective:

The goal of this project is to develop an AI-powered text-to-video application for personal use, generating high-quality videos with fluid motion and dynamics. Interns are expected to create an approach document outlining the development strategy and key features.

Requirements:

1. **Resolution and Quality:**
   - Define the preferred resolution for the generated videos (up to 4K) and ensure a high-quality output.
2. **Motion and Dynamics:**
   - Develop techniques for achieving fluid motion and dynamic transitions in the generated videos.
3. **Text Input:**
   - Implement a user-friendly system for text input, considering manual input and file upload options.
4. **Customization:**
   - Provide users with options to customize visual elements such as fonts, colors, and backgrounds.
5. **Audio Integration:**
   - Decide if audio integration, such as background music or voiceovers, should be included in the generated videos.

6. **Output Formats:**
   - Determine additional output formats or file types to support alongside video.
7. **Personal Use:**
   - Define how the application will cater to personal use, such as personal projects or social media content creation.
8. **User Interface and Experience:**
   - Outline design preferences for the user interface to ensure a seamless and user-friendly experience.
9. **Platform:**
   - Decide on the targeted platforms for the application (e.g., Windows, Mac, web) and address any specific development considerations.
10. **Feedback and Adjustments:**
    - Develop strategies for handling user feedback and addressing requests for adjustments to the generated videos.

Intern Approach Document:

Interns are expected to create an approach document covering:

- Technical strategies for achieving high-resolution and fluid motion in the generated videos.
- Plans for user-friendly text input and customization options.
- Considerations for audio integration and supporting multiple output formats.
- Proposed user interface design and user experience enhancements.
- A roadmap for the development and release of the application on the targeted platform(s).
- Strategies for handling user feedback and implementing adjustments to enhance the application.