Project Development Phase

Exception Handling

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PROJECT NAME	How to Create a Brand Promo Video Using Canva

- **File Loading Errors**:
  If you're working with various media files (images, videos, audio), use exception handling to check for and handle errors when loading these files. For instance, if an image or video file is missing or corrupted, you can catch the corresponding exceptions and provide informative error messages to the user.

- **Video Editing Errors:**
  During video editing, exceptions can occur when applying effects, transitions, or other modifications. Handle these exceptions to ensure that the application doesn't crash and provide feedback to the user about the issue.

- **Resource Management**:
  Exception handling can be used to manage resources like memory and files. For example, if the video editing software runs out of available memory, you can catch memory-related exceptions and display a message indicating that the user should free up memory or close other applications.

- **External Service Errors:**
  If your video creation process involves connecting to external services or APIs for content or data, handle exceptions that may arise due to network issues or service unavailability.

Provide informative messages or retry mechanisms when appropriate.

- **Rendering Errors:**

  Video rendering can be resource-intensive, and exceptions related to rendering errors or limitations (e.g., low disk space) should be handled gracefully to prevent data loss or application crashes.