

## Task 1: Research & Summarize

### What is SORA?

SORA is an AI tool that helps people create and edit videos using artificial intelligence. Instead of doing all the editing by hand, SORA uses smart computer models to generate videos from things like text descriptions or pictures. This makes it easier for people who may not know much about video editing to make creative videos quickly and easily.

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### How does SORA compare to DALL·E, Pika Labs, and RunwayML?

- **DALL·E** is famous for creating images from text prompts but does not make videos. It creates detailed pictures but only still images.
- **Pika Labs** is more like SORA because it also makes videos from text prompts. It focuses on making quick, short videos and is good for brainstorming ideas fast.
- **RunwayML** offers many AI tools for both video and images. It helps creators edit videos by removing backgrounds or adding special effects using AI. It is popular among professional video editors.

SORA stands out because it tries to be easy to use while still giving creators control over the videos. It combines simple tools with smart AI, making it friendly for beginners and useful for quick video projects.

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### Ethical Issues in AI Video Generation

Using AI to create videos comes with some important concerns:

1. **Fake Videos (Deepfakes):** AI can make very realistic fake videos that might be used to spread lies or harm people's reputations.
2. **Copyright Problems:** AI tools learn from existing videos and images, which might be protected by copyright. This raises questions about who owns the new videos created by AI.
3. **Bias in Videos:** AI can accidentally include unfair or harmful stereotypes if it learns from biased data.
4. **Honesty and Consent:** It's important to let viewers know when a video is made by AI and to get permission from people if their images or voices are used.

To use tools like SORA responsibly, creators and developers need to be careful about these issues and work to make sure AI videos are safe, fair, and honest.

## **Task 2: Prompt Engineering Practice**

### **1. Education:**

A short video of a young girl planting a small tree in her backyard. The sun is shining, and she waters the tree carefully with a watering can. Bees and butterflies fly around, showing how nature grows with care.

### **2. Entertainment:**

A funny animation of a playful dog trying to catch its own tail inside a cozy living room. The dog spins around in circles, knocking over a vase and making the people laugh. Bright colors and cheerful music make the scene happy and fun.

### **3. Environment:**

A calm video showing a clear river flowing gently through a green forest. Fish swim in the water while birds sing and fly over the trees. The video ends with a message about keeping nature clean and safe for all animals.

### **4. Technology:**

A simple animation of a helpful robot carrying grocery bags to a person's house. The robot moves smoothly and smiles, showing it wants to help. The person waves and thanks the robot happily at the door.

### **5. Space:**

A short clip of a spaceship flying slowly past the moon in space. Stars twinkle brightly in the dark sky as the spaceship glides silently. The scene shows how big and beautiful space is, with a peaceful feeling.

## Detailed Prompt:

“A 15-second animated video of a curious child finding an old, dusty book in their attic. When they open the book, colorful magical creatures fly out and start playing around the room! Suddenly, the child turns into a tiny wizard, puts on a pointy hat, and waves a magic wand to make sparkles and lights appear everywhere, smiling with joy.”

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## Scene-by-Scene Breakdown:

### Scene 1 (0-4 seconds):

A child explores a dusty attic and finds an old, mysterious book.

### Scene 2 (4-8 seconds):

The child opens the book, and magical creatures fly out, swirling happily.

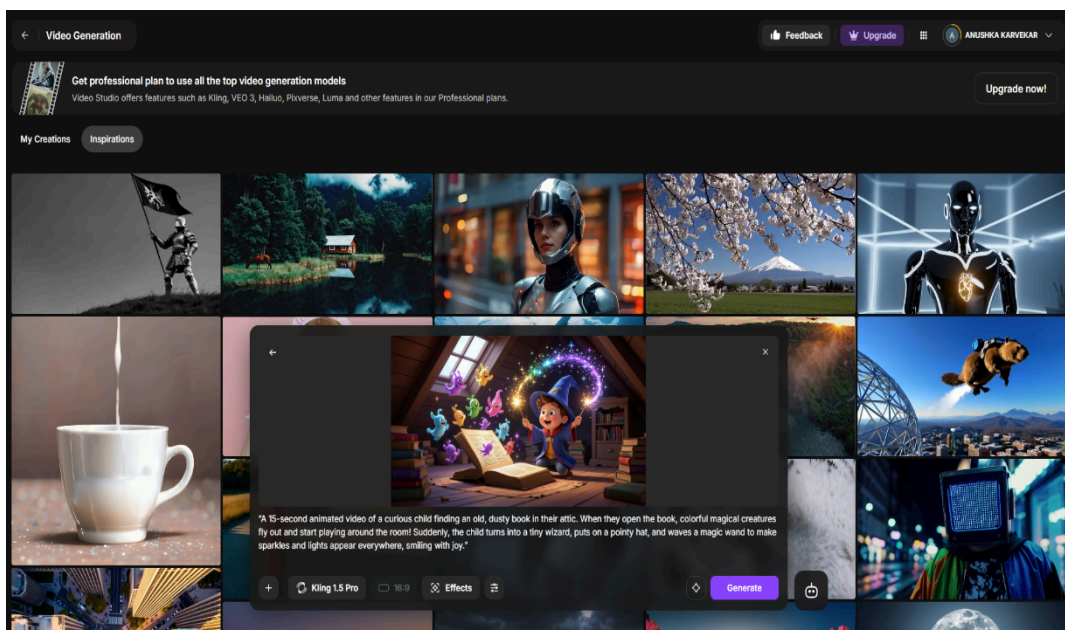
### Scene 3 (8-12 seconds):

The child transforms into a tiny wizard, puts on a pointy hat, and holds a magic wand.

### Scene 4 (12-15 seconds):

The tiny wizard waves the wand, creating glowing sparkles and lights around the attic, smiling excitedly.

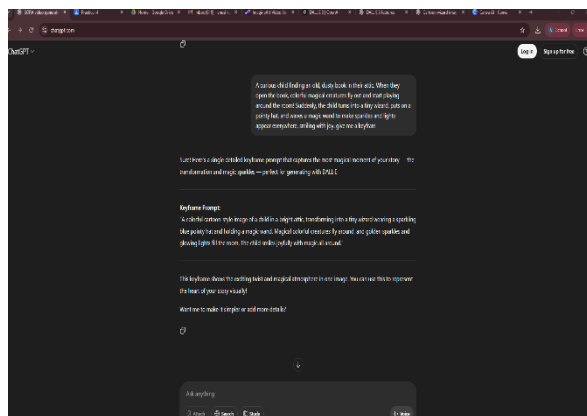
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## Practice Activity (Without Direct SORA Access)

### DALL·E generated keyframes.

“A colorful cartoon-style image of a child in a bright attic, transforming into a tiny wizard wearing a sparkling blue pointy hat and holding a magic wand. Magical colorful creatures fly around, and golden sparkles and glowing lights fill the room. The child smiles joyfully with magic all around.”



### IMAGE Using CANVA

