

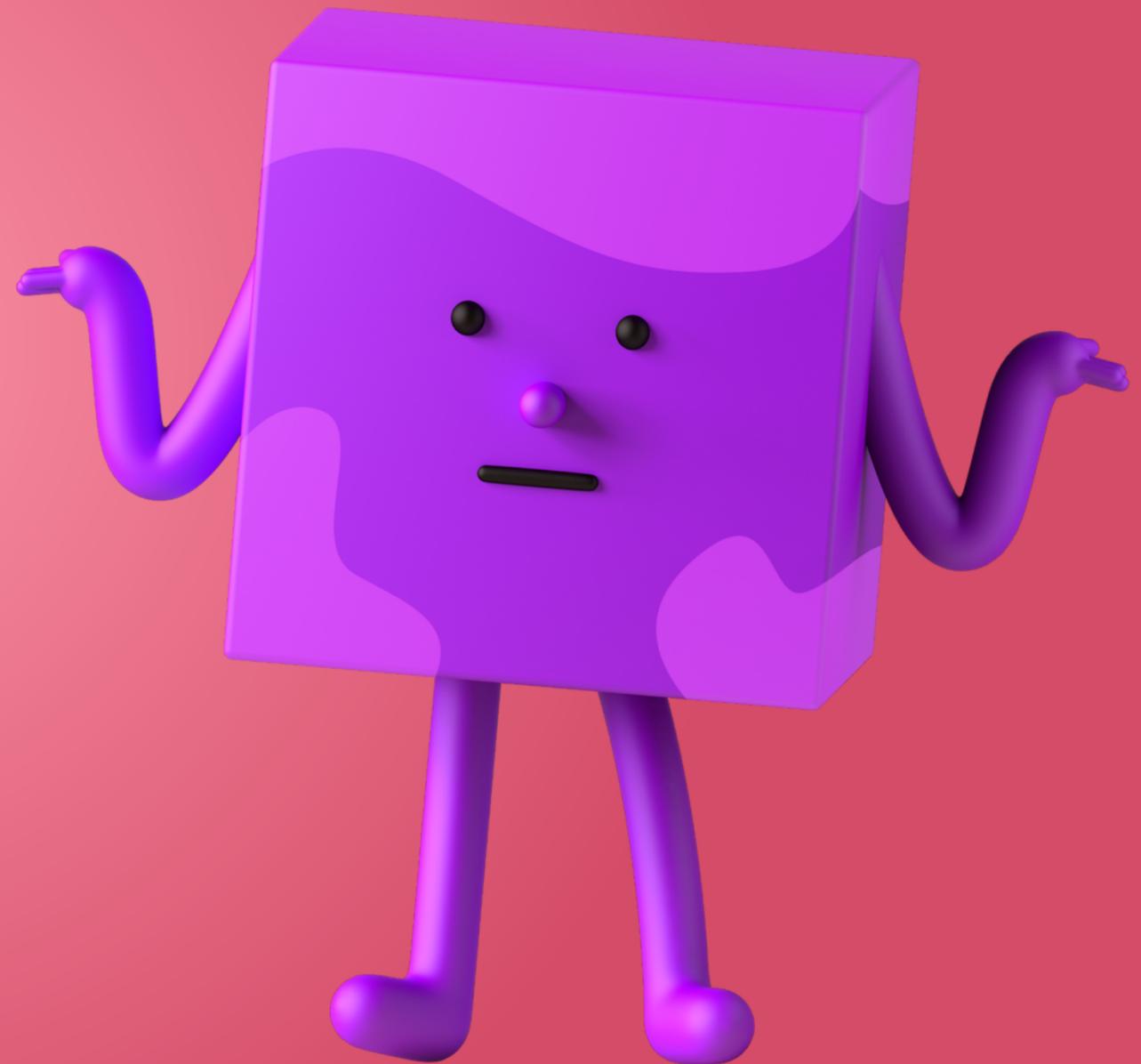
StoryScape

Where Stories Come to Life!



Why do we need this?

There is a lack of engaging and interactive storytelling experiences for kids that promote creativity, language skills, and moral development. Existing apps fall short in generating personalized story videos with audio content based on user prompts. As a result, there is a need for a user-friendly app that can produce captivating story videos with moral lessons, helping children unlock their imagination.





About Us

StoryScape is an innovative storytelling app for children that uses the prompts provided by users to generate captivating story videos with audio. It offers a visually stunning and interactive experience.

Each story carries a moral or lesson, aiming to nurture creativity and character development.

Technology Used

1

PaLM2

2

Google's Text-to-Speech

3

Stable Diffusion V1-5

4

MoviePy



1 PaLM2

We harnessed the power of an advanced language model, known as a PaLM2 developed by Google, to create an engaging and interactive platform for children.

Our platform not only encourages kids to explore their storytelling skills but also fosters a sense of excitement and wonder as they witness their ideas come to life through the stories they co-create with the LLM.

Generate a story about a thirsty crow



The Thirsty Crow

One hot summer day, a thirsty crow flew over a field. He looked down and saw a pitcher of water. He flew down to the pitcher and tried to drink, but the water was too low. The crow looked around for something to stand on, but there was nothing. The crow was about to give up when he saw some pebbles on the ground. He picked up a pebble and dropped it into the pitcher. The water level rose a little bit. The crow dropped another pebble ...

2 Google's Text-to-Speech

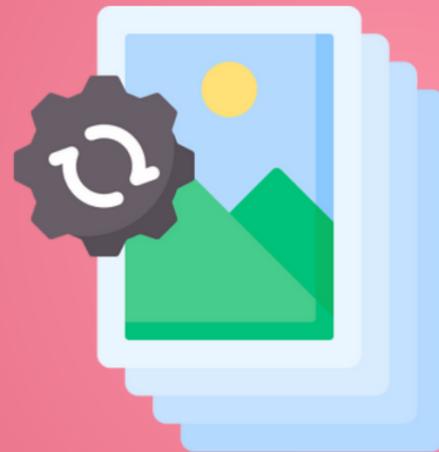
By leveraging this advanced technology, we were able to transform the generated stories into captivating audio narratives that closely resemble human speech. This allowed us to create engaging and immersive storytelling experiences that are highly relevant and appealing to kids.



3

Stable Diffusion V1-5

We integrated the powerful foundation model from Vertex AI's Garden Model into our platform, enabling us to seamlessly visualize the stories generated from prompts. This remarkable technology offered us a way to portray the story with astonishing realism and accuracy. The result was a captivating and enchanting journey that unfolded before their eyes, engaging their imagination and fostering a connection with the story.

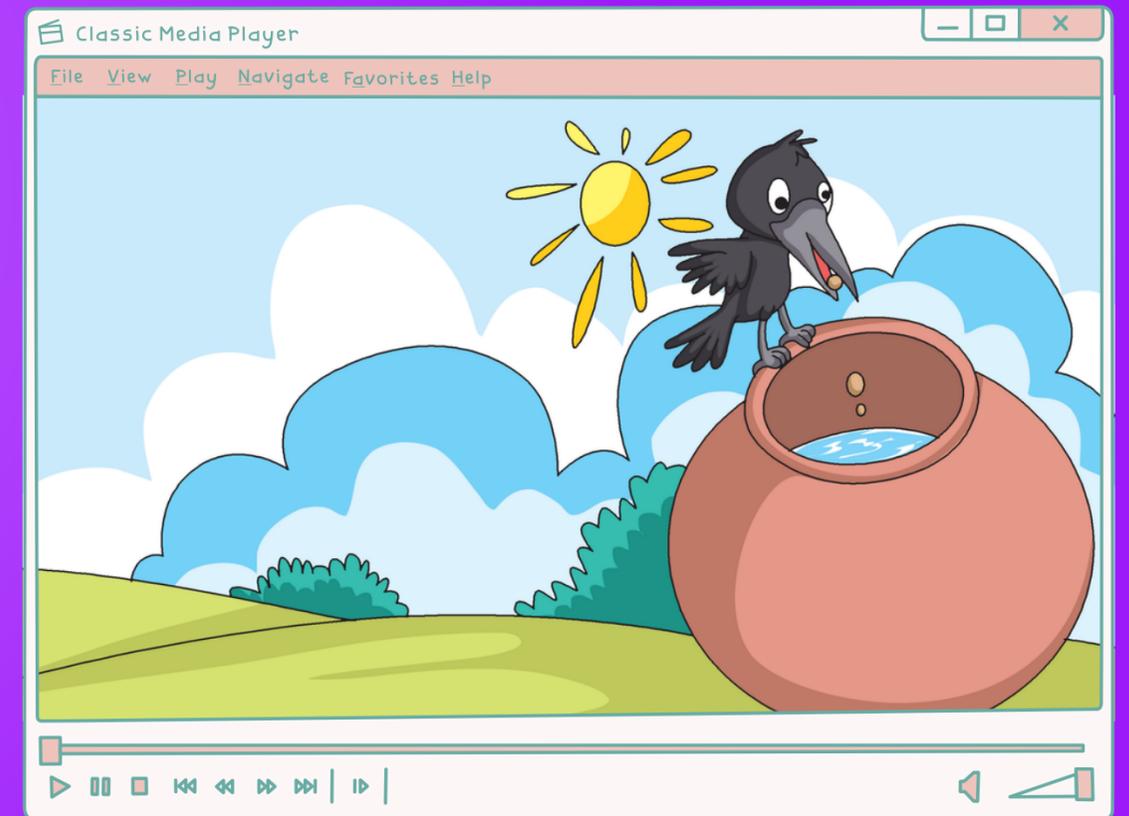


4

MoviePy

To complete our product, we employed the MoviePy library, A versatile tool in the realm of video editing and manipulation. With its robust functionality, we transformed the generated stories, enriched with human-like audio and captivating visualizations, into stunning and enchanting videos, delivering a captivating video that brings users' personalized stories to life.

**Create a story about a
thirsty crow...**



Use cases

**Entertainment
Industry**

**Digital Media
Platforms**

Parenting and Family Engagement



Future Scope

In the future, our product envisions:

1. Voice assistance for natural and interactive user interaction.
2. Expanded audio features, offering various narration options for a heightened immersive experience.
3. Multi-language support to reach a wider audience and promote inclusivity.
4. Leveraging upcoming models like Google's Imagen to create visually captivating videos.





Thank You

Link To GitHub Repo!

<https://github.com/Vaishnavi0805/Storyscape/tree/main>