

SAGGA

# We added a feature in 24-hours to our app SAGA which animates the Storyboards made using Stable Diffusion XL

The screenshot shows the 'Storyboards' tab of the Shadow Protocol app. The interface features a top navigation bar with tabs for Plot, Characters, Acts, Beats, Script, and Storyboards. The Storyboards section is a grid of shot cards. Each card includes a thumbnail image, a title (e.g., 'Full Shot • Eye Level'), and a description. A 'Write your notes here...' text area is present below each title. An 'Edit' button is located in the top right corner of each card. A large dashed box on the right side of the grid contains a plus sign icon and the text 'Create a new shot'. A back arrow labeled '< Script' is visible at the bottom left.

**S** Shadow Protocol

Plot Characters Acts Beats Script **Storyboards**

**Full Shot • Eye Level**  
Write your notes here...

**Medium Shot • Hip Level**  
Write your notes here...

**Full Shot • Eye Level**  
Camera pans down from sky and zooms in on the road

Scene 2 Shot 2 **Edit**

**Full Shot • Eye Level**  
The car loudly zooms through the frame

Scene 2 Shot 3 **Edit**

**Full Shot • Eye Level**  
Background landscape flies by in the background with upbeat Jazz music playing

**+**  
Create a new shot

< Script

# Team SAGA

Stable Video 24-hours Hackathon with Lablab.ai

# SAGA - “Living Storyboards” feature

**Short Description:** A prototype to turn our app user’s storyboards in to “living storyboards”, known in Hollywood when connected together as pre-viz (pre-visualization).

This helps the Director communicate motion to the Production Crew on set of a film, to prepare the camera equipment and object motion for each scene and shot.

**Problem & Solution:** Leading up to a production (with hundreds of people involved), most don’t read the latest director notes - which can change daily. An iPad on set with “living storyboards” allows the AD to communicate the vision for efficient filming. Hollywood productions today can cost over \$200M and streamers like Disney+ are losing billions. There aren’t enough VFX artists to go around, and the urgent overwhelming demand and timelines are causing workers to burn out. Technology that brings the top-level cost down and eases burdens on workers will succeed in this evergreen recession-proof pandemic-proof industry. Generative AI will be the key to improve and democratize Hollywood and solve it’s biggest problems (from VFX demand to a need for more original diverse stories).

# Long Description

At team SAGA we have built and launched in market a Generative AI application that helps our customers (both aspiring filmmakers and Hollywood professionals alike) create their best story faster.

Our app today uses Stability.AI Stable Diffusion XL (SDXL) as well as OpenAI GPT-4 and DALL-E 3 to generate every aspect of story from plot, to characters, acts and beats and scripts, to full storyboards. See: <https://writeonsaga.com>

During this 24-hour hackathon, we built a working prototype to bring our storyboards to life, allowing users to type Director's Notes with comments about the direction of motion for objects in the scene and/or camera angles, and animate each storyboard for a few seconds on each shot.

# Technology & Category

- Stable Diffusion Animation SDK
- Stable Video Diffusion API
- Stable Diffusion XL

Storytelling, Filmmaking, Cinematography, Screenwriting, Creative Writing, Indie Film, Pre-Visualization

# Demo Video



# GitHub Repo

Private (can show judges on request)



# Demo App

Private (can show judges on request, provide login)

# TAM (Total Addressable Market)

Today: Storytellers and Media Creators (English-speaking Western markets)

- 150k writers
- 600k filmmakers
- 300k gamemakers
- 3M online video creators

Future: India (Bollywood), Nigeria (Nollywood), Western Europe, etc.

# Revenue Streams

Today:

- Web app (SaaS) - monthly subscription

Future:

- GPT Store
- iPad app
- Software add-ins (Final Draft, Celtx, Toon Boom, etc.)

# Competitors

Alternate Competitors	Text	Image	Video	Weakness
Midjourney		✓		Hard to storyboard, only on Discord currently
OpenAI ChatGPT + DALL-E3	✓	✓		Chatbot UX not designed for filmmakers
Copy.ai	✓			Focused on business writing
Jasper	✓	✓		Focused on business writing
Sudowrite	✓	✓		Generic, not designed for filmmakers
Tome	✓	✓		Focused on business presentations
Storia		✓		StoriaBoard doesn't work, bad UX
Metaphysic.ai			✓	Focused on deepfakes
RunwayML Gen-2			✓	No text or image (yet) for storytelling
Google Bard	✓	✓		Focused on productivity and search
Microsoft Bing	✓	✓		Focused on productivity and search
Amazon Alexa	✓	✓		Children's stories, unclear go-to-market

# Future Prospects

2024: Concept Art, Character Casting, Comics and Graphic Novels

2025: Script Coverage (GAN), Pre-Viz video clips

2026: App extensions (Final Draft, Storyboard Pro, Chrome, Office365, etc.)

2027: Computer Animated Short Films (CGI scenes)

2028: Screenplays in more Languages (BLOOM LLM supports 60 languages)

2029: Photo-Realistic Feature Films, Documentaries,

2030: Commercial Advertisements, and Fiction Novels

2031: Whitelabel Streaming Service, Generative Music

2032: VR Interactive Movie-Games, Metaverse real-time entertainment

# Links

App (3-day free trial): <https://writeonsaga.com>

ChatGPT Plus GPT: <https://chat.openai.com/g/g-0X4q4iYYN-saga>

Company: <https://cyberfilm.ai> (blog: <https://bit.ly/AlandHollywood>)

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