OVERVIEW

GenEd is a generative AI that produces **"cinematic educational videos"** that leverage visual learning to address **specific gaps in understanding** or clarify a topic. It provides comprehensive video explanations of the subject or concept prompted by the student, immersing them in the scene while ensuring all content is factual.
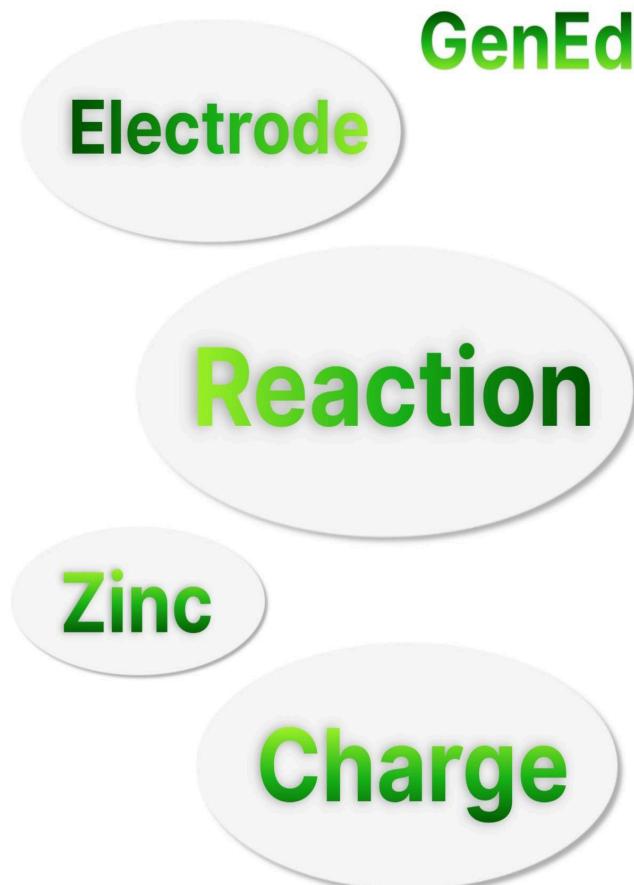
1	Prompt	S	You input a detailed explanation of your **specific knowledge gap** or topic for clarification using text or speech-to-text in the **prompt field**
2	Suggest	AI	AI provides real-time suggestions while you type a prompt (similar to Google's autocomplete), allowing you to quickly select a completed prompt or question from the suggestions
3	Generate	AI	AI renders a video or image that **visualizes** the concept, along with a **voiceover explanation** that supports understanding

CONCEPT APPLICATION

While the AI's generation process is still being developed and refined, the following concepts/steps will likely be involved:

- NLP / LLM
- Conceptual tags
- Diagnosis (of gap)
- Concept map
- Lesson planner
- Storyboard generator
- Fact-checking

GAP

The following are gaps in current educational generative AI:

- Lack of accuracy in content
- Limited cinematic or visual engagement
- Inability to generate longer, in-depth explanations
- Difficulty in identifying specific gaps in student knowledge