

GENERATIVE AI FOR VIDEO, ASSESSMENT & LEARNING

TWO AI FEATURES TRANSFORMING CONTENT DELIVERY & EVALUATION

Generative AI for Learning | Digital Learning Platform



INFLECTION POINT

- Traditional video production was financially unsustainable at scale | Filming, crews, and post-production costs made content creation slow and expensive
- Static documents and passive video content failed to engage learners | Low completion rates and poor knowledge retention across training and onboarding programs
- Instructors spent excessive time manually creating quiz content and reviewing assessments | Diverted attention from teaching and strategic student interaction
- Manual grading of open-ended questions created bottlenecks | Delayed formative feedback hindered student learning and course completion

EXIQO™ ENGINEERED FIX

OptimaAI Platform: Real-time text-to-avatar pipeline using open-source models and single-image facial mapping, converting any text into hyper-realistic, lip-synced avatar videos on demand

Context Engineering: BERTopic segmented video transcripts into conceptual units aligned to Bloom's six cognitive levels, ensuring every auto-generated question maps to the right depth of learning

AI SDLC Playbook: ChatGPT integration enabled dynamic avatar content from real-time queries; multi-model pipeline (GPT-3.5, LLAMA-3, Mistral) auto-generated MCQ, fill-in-the-blank, and open-ended question types

AI-EV Program: Rubric-based hybrid grading using LLM-driven analysis evaluated clarity, depth, and accuracy, providing instructors a reference baseline and accelerating the student feedback loop

70%

cost savings by eliminating video shoots, crews, and post-production

70%

reduction in manual grading time, so instructors are free to teach

100%

automated assessment workflow; quizzes generated within minutes