STUDIQ: Learn More in Less Time

Pain Point: Wasted

resources in creating a

learning curriculum to

test comprehension



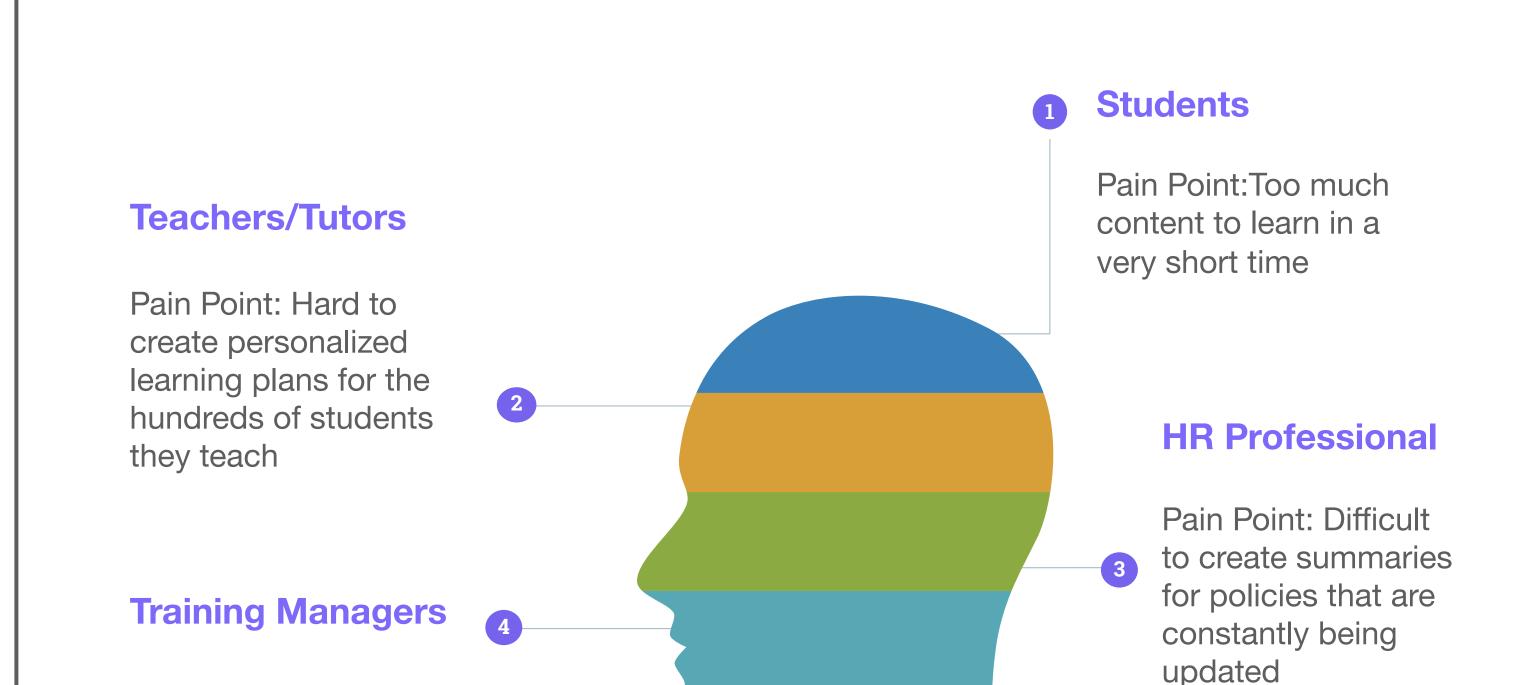
Abstract

studies a groundbreaking educational technology platform designed to address the challenges of information overload and complex content comprehension. It simplifies the learning process through a three-step interaction flow: efficient text digestion, active engagement through question-answer pairs, and a user-centric interface. By leveraging computer vision and generative technologies, STUDIQ processes dense texts and visual materials into concise summaries and interactive questions, enhancing understanding and retention.

This innovative platform is cost-effective and scalable, offering a novel approach to interactive learning by automating content generation and reducing reliance on user-generated content.

STUDIQ fills a significant gap in the market by providing accessible, high-quality educational resources without the need for extensive manual effort or teacher involvement. With its focus on active learning and technological advancement, STUDIQ represents a transformative solution in the field of educational technology, promising to make learning more efficient, engaging, and accessible to a wider audience.

Motivation | What is the need for STUDIQ?



Educational Companies

Deire Deinte Difficult to exacts

Pain Point: Difficult to create tests, flashcards and summaries for the hundreds of courses they teach

Inherent Inefficiency in Learning from Technical

Documents: Technical documents, characterized by their dense content and complex jargon, often pose a significant barrier to comprehension. The effort required to sift through such materials can be daunting, leading to inefficiency in the learning process. STUDIQ is motivated by the need to simplify this process, making it easier for learners to digest and comprehend technical information.

Lack of Cohesive User Experience in Existing Tools:

This fragmentation requires users to navigate between multiple platforms to achieve a comprehensive learning experience, which can be cumbersome and counterproductive. STUDIQ seeks to overcome this challenge by providing an all-encompassing platform that integrates the functionalities of various tools, offering a seamless and cohesive user experience.

Generalization of Existing Products: Current market solutions are typically designed with a broad user base in mind, often overlooking the nuanced needs of learners in specialized fields. This one-size-fits-all approach falls short in scenarios that demand detailed and precise information extraction. STUDIQ is driven by the desire to fill this gap, providing a tailored solution that caters to the specific needs of technical learning.

Solution | How does STUDIQ fix the problem?



Summarization and Comprehension Enhancement

By converting dense technical documents into concise summaries and generating interactive question-answer pairs, STUDIQ simplifies complex information, making it easier for users to understand and engage with the material.



Customizable Learning Tools

It enables the automatic generation of flashcards and quizzes from uploaded content, allowing users to tailor their study materials to their specific learning needs and preferences, thereby improving retention and understanding.



Collaborative Learning Environment

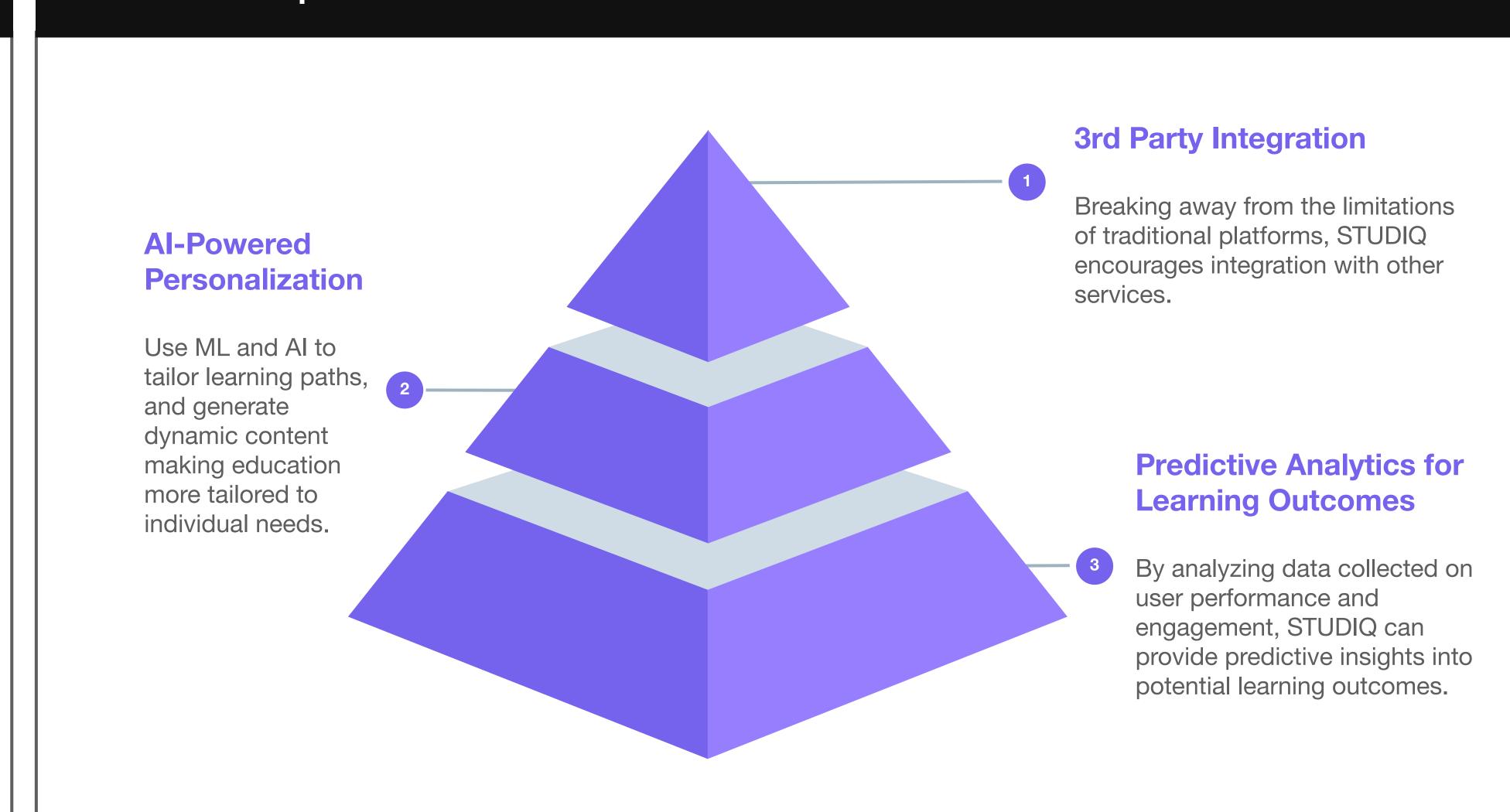
STUDIQ fosters a community of learners by allowing users to share summaries, flashcards, quizzes, and other generated content, encouraging collaboration and mutual learning among peers.



User-Centric Design and Scalability

With a focus on a sleek and intuitive user interface, STUDIQ ensures an enjoyable and seamless learning experience across different web browsers, while its scalable cloud-based architecture accommodates a growing user base efficiently.

Innovation | How is STUDIQ different?



Monetization | How does STUDIQ make money?



Ads Tier

Enjoy free access to a wealth of educational resources, complemented by targeted, educational advertisements that enrich your learning journey. This tier allows users to explore a wide range of subjects without a subscription, making education accessible to everyone.



Subscriptions Tier

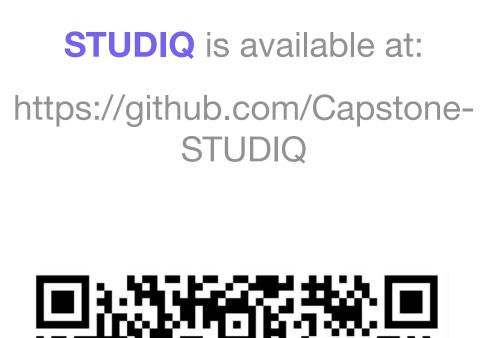
Experience education without boundaries with our Premium Tier, offering ad-free learning, exclusive content, and advanced features designed to enhance your academic performance. Take control of your educational journey with personalized learning paths, detailed progress tracking, and access to expert tutors.



API Tier

Elevate your service or application with our API Tier, providing extensive access to our educational content and powerful learning tools for seamless integration. Ideal for developers and businesses, this tier offers scalable solutions to incorporate high-quality educational resources.

Team





Special thanks to the Team

Heidi Toews



heidi.toews@ucalgary.ca



Marco Truong
vietnam.truong@ucalgary.ca



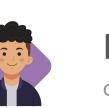
Dhyey Lalseta
dhyey.lalseta@ucalgary.ca



Harsh Sharma
harshit.sharma@ucalgary.ca



Usman Khan muhammad@ucalgary.ca



Daniel Lee daniel.lee1@ucalgary.ca