Chiron A.I. – Inclusive EdTech Innovation

Project Type: MBA Innovation Capstone

Institution: University of Illinois Urbana-Champaign – Gies College of Business

Timeline: January 2024 – May 2024

Overview

Chiron A.I. is a concept-stage EdTech platform designed to personalize K–12 learning for special needs and underserved students using AI-powered tools. The platform leverages large language models (LLMs), machine learning, and multilingual NLP to deliver culturally competent, accessible tutoring experiences.

Key Contributions

• Led product strategy for AI-driven personalization tools, including speech-to-text and emotionally adaptive avatars.
• Conducted market and competitor analysis, benchmarking against tools like Merlyn and Eduaide.
• Applied Universal Design for Learning (UDL) principles and equity-first AI guidelines to support accessible instruction.
• Collaborated on ethical framework to mitigate algorithmic bias and ensure compliance with privacy regulations (FERPA, COPPA).
• Contributed to go-to-market and pricing strategies aimed at Title I school districts.

Outcome

Produced a comprehensive business plan and innovation blueprint, including a product roadmap, ethical compliance protocols, and partnership models. Received strong peer and instructor feedback for clarity, mission alignment, and future scalability.

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