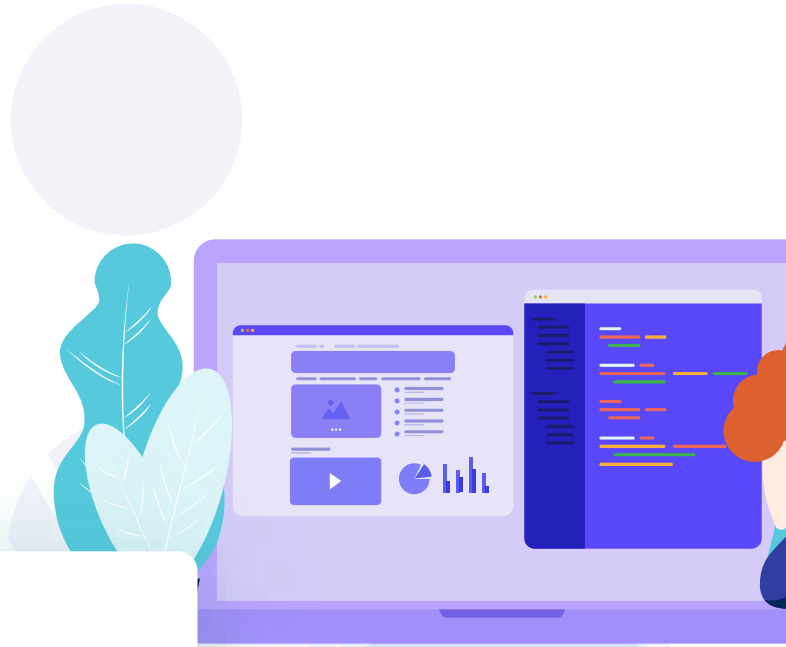
SynapsEd

Challenges in Traditional Education

One Size Fits all Approach:
Traditional educational models often employ a standardized curriculum that fails to address the diverse learning styles and pre-existing knowledge of individual students.



Challenge for Students

- Disengagement due to lack of interest and motivation
- Knowledge Gaps
- Suboptimal outcomes

Challenge for Educators

- Managing a classroom with varied needs
- Limited resources preventing individualized attention
- Difficulties in keeping track of student progress and engagement

> If I had to reduce all of educational psychology to just one principle, I would say this: **The most important single factor influencing learning is what the learner already knows.** Ascertain this and teach him accordingly.

- David Paul Ausubel, American Psychologist -

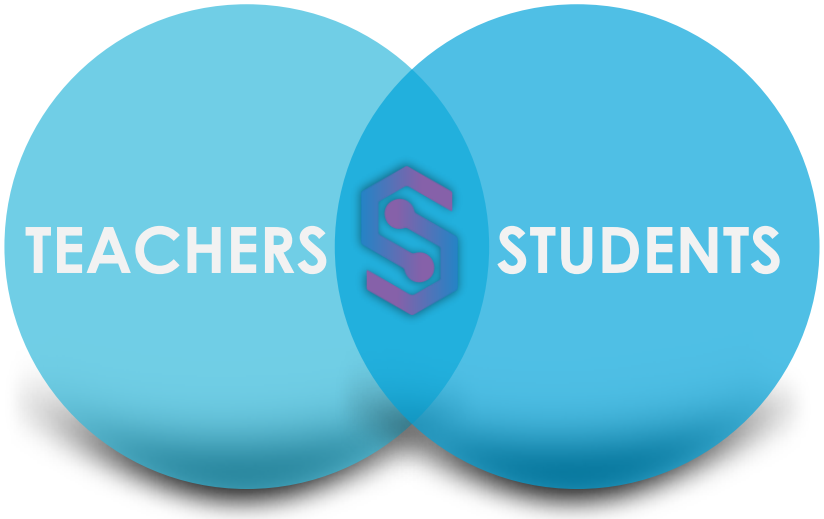
Introducing SynapsEd

An AI-powered educational platform designed to deliver personalized learning pathways tailored to each student's needs.

EDUCATORS:

SynapsEd is your smart teaching assistant, **automatically generating personalized learning plans for each student** while giving you deep insights into their progress.

It integrates with Brightspace, streamlines class management, and helps you provide timely, targeted support

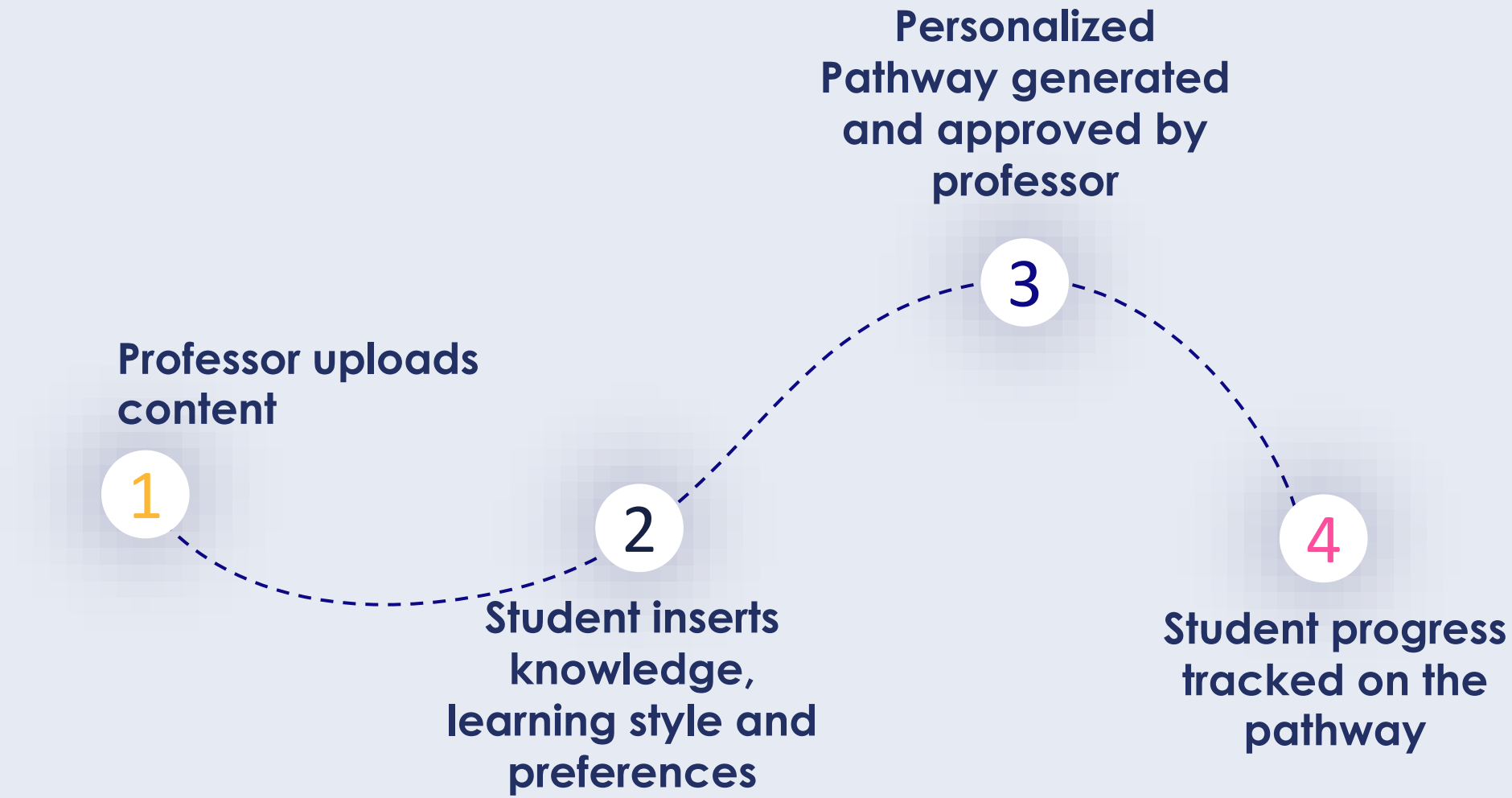


STUDENTS:

SynapsEd is your personal learning guide, using AI to provide customized **learning pathways** for each course, **based on what you know, and how you learn**.

It adapts as you progress, offering **interactive support, real-time answers, and engaging tools like quizzes and gamified streaks** to keep you motivated and on track.

Simply this.


Professor uploads content
1
2
Student inserts knowledge, learning style and preferences
Personalized Pathway generated and approved by professor
3
4
Student progress tracked on the pathway

Value for Educators

SynapsEd allows educators to enhance their pedagogy by aligning it more closely with student needs.

1. Personalized Teaching at Scale
2. Real-time Analytics & Insights
3. Makes content more engaging
4. Complete Control

Helps students take control of their education, making the learning experience more personalized, focused, and effective.

$348B Market

global EdTech market growth by 2030 (**13.3% CAGR**)

*Projections based on external research

By 2030, the **EdTech market** is forecasted to hit **$348B**, with an annual growth rate of Annual Growth Rate of 13.3%

Personalized learning market is expected to expand from $4.74 billion in 2024 to **$6.01 billion** in 2025, with a CAGR of 26.7%.

The **AI in Education market** is projected to grow from $2.21B in 2024 to **$5.82B** by 2030.

Market Gaps

Despite the existence of many AI-driven educational tools, several gaps remain

Holistically Personalized class Companion

Many platforms offer adaptive learning but lack comprehensive personalization that considers pre-existing knowledge and learning styles. There's a need for solutions that foster learner agency and cater to diverse learning styles.

Real Time Student Progress Insights

While AI can provide personalized content to students, there's a gap in delivering actionable analytics to educators

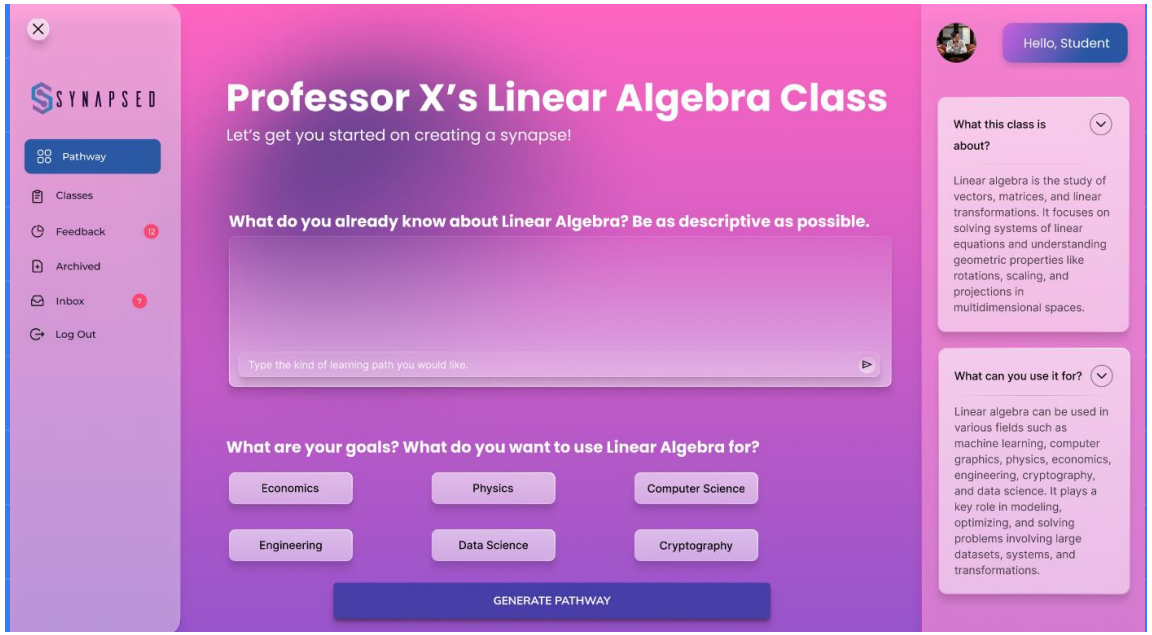
Integration with LMS (i.e, Brightspace)

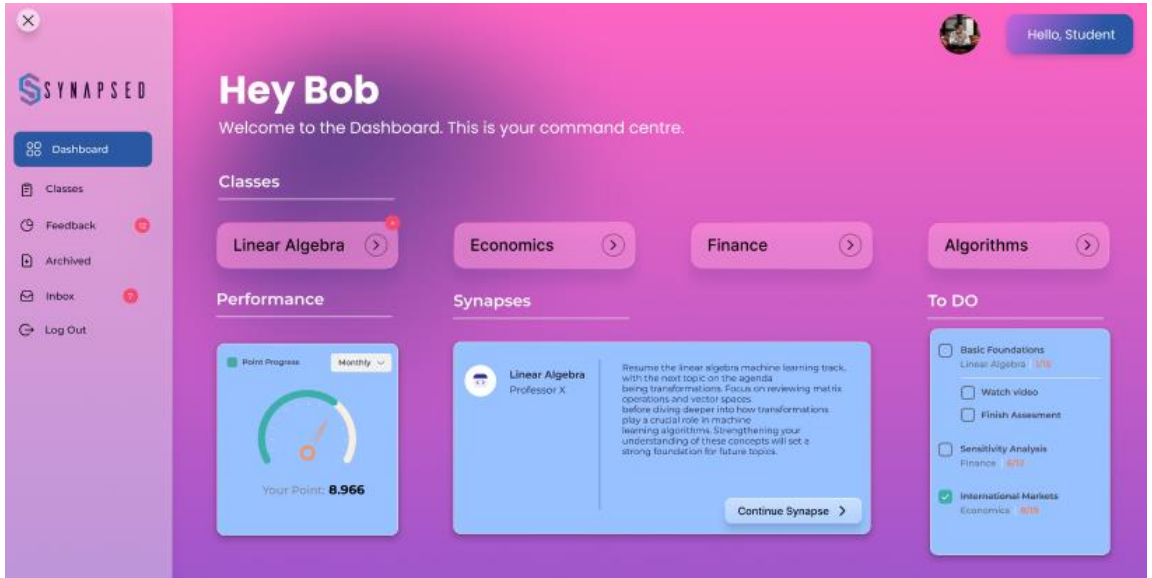
Educational institutions often face challenges integrating new AI solutions with their current Learning Management Systems (LMS). A platform that seamlessly integrates with existing infrastructures can alleviate this issue.

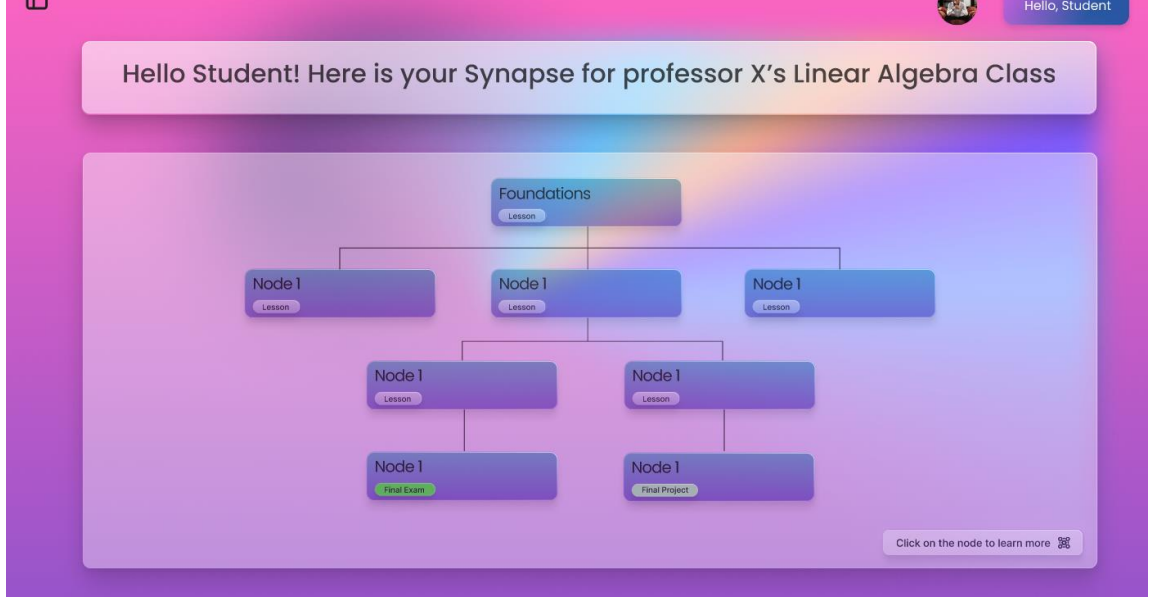
Professor's Content and Material Prioritized

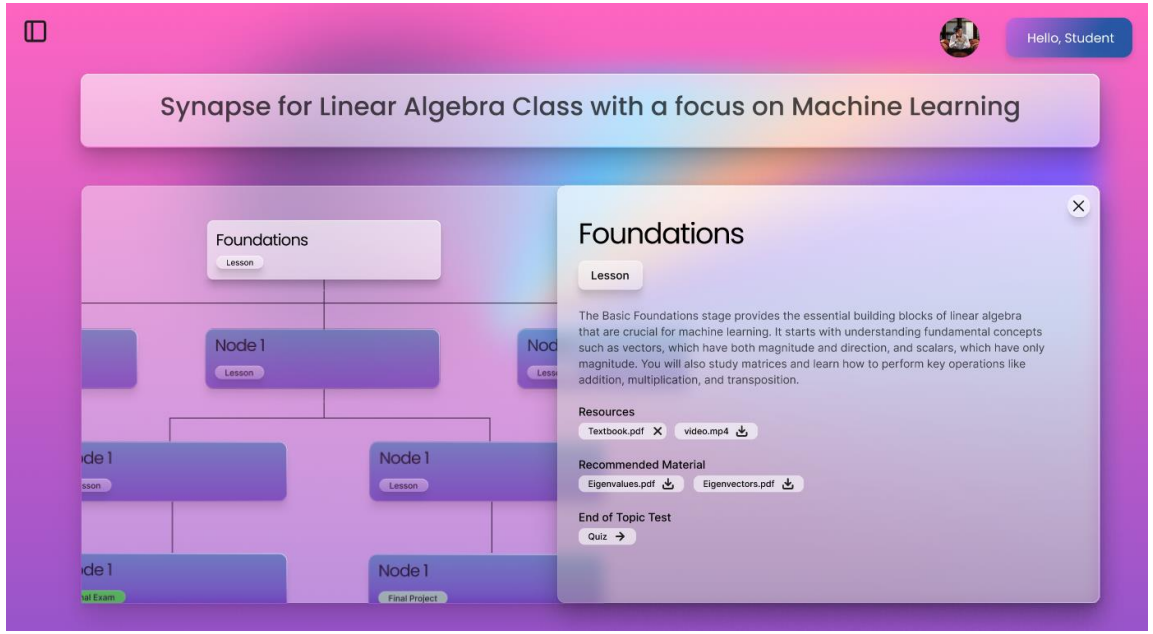
The platform simply aims to make the professors content more accessible for the students. The aim is to assist professors deliver their content – not to generate new content or replace them

Student View



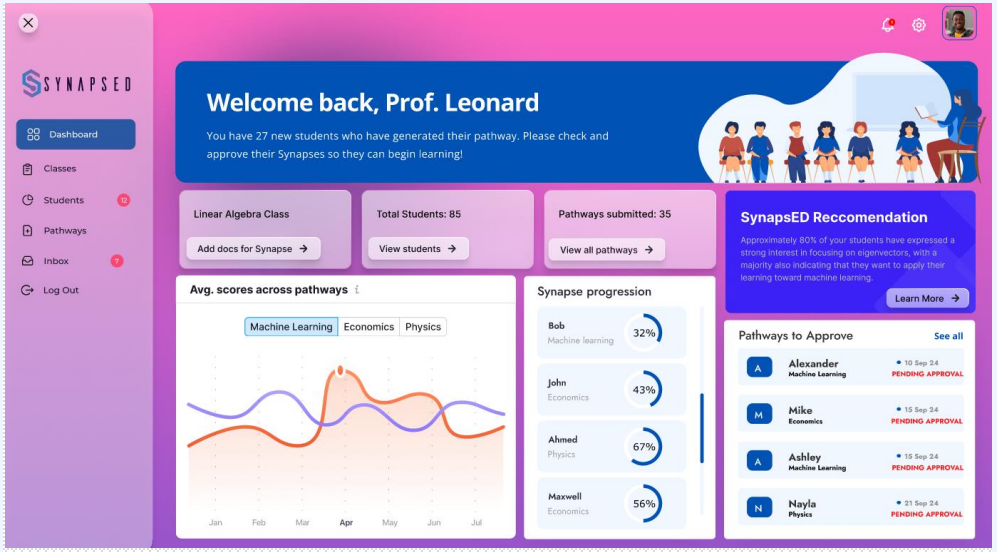


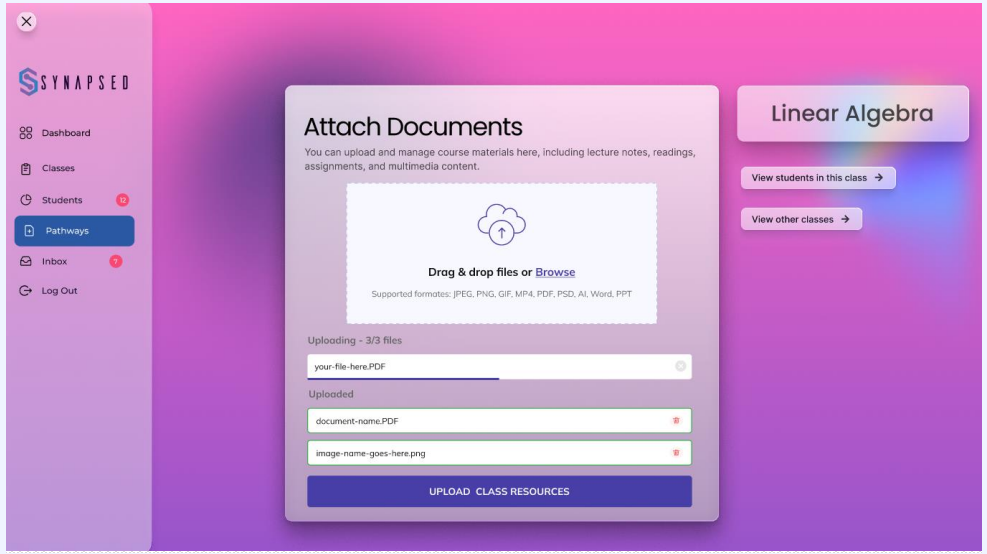




UI Design

Educator Dashboard

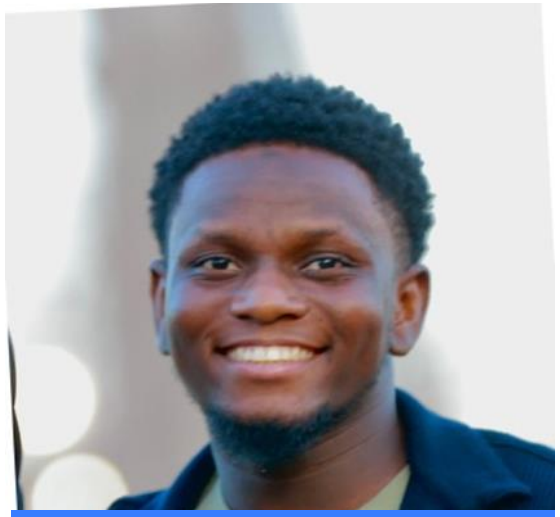




UI Design

The Team

The perfect combination of skills to turn ideas into reality



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Strategy

- Finance @ NYUAD
- The Business Guy

Thank you