



**Product:** <https://edu-able.vercel.app>

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## Inspiration

Have you ever sat in a STEM lecture and felt overwhelmed by the amount of information being thrown at you? Did you struggle to type/write useful notes while also keeping up with the pace of the lecture?

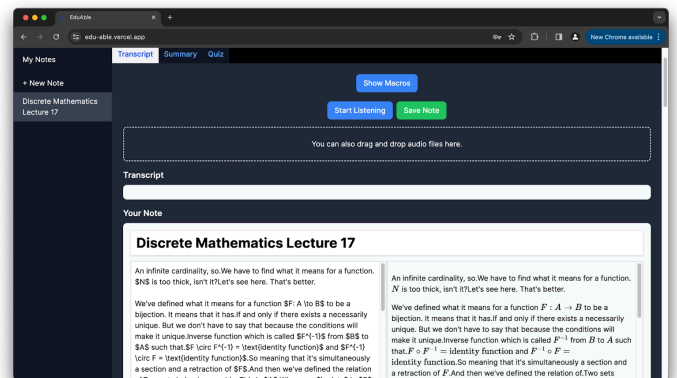
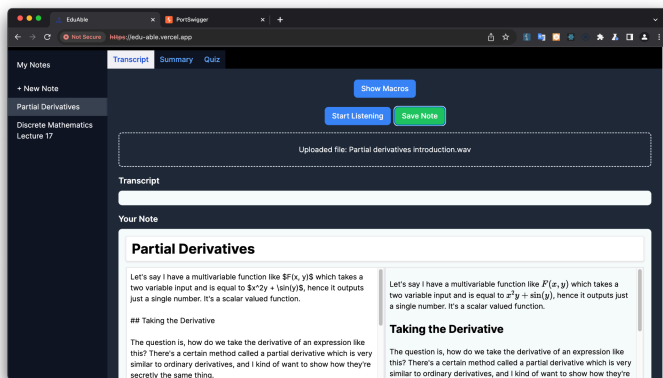
If only there was a way to automatically transcribe the lecture, *while still keeping the mathematical notations and expressions intact...* that way, you don't have to worry about figuring out the right LaTeX expressions and can focus on engaging with the material, rather than on typing or writing.

This is a problem that I, and many others face everyday. Beyond that, students with disabilities may not be able to type or write as quickly as others, and are disproportionately affected by this issue.

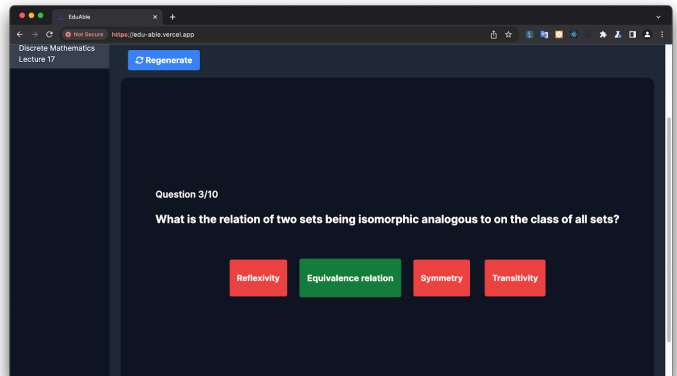
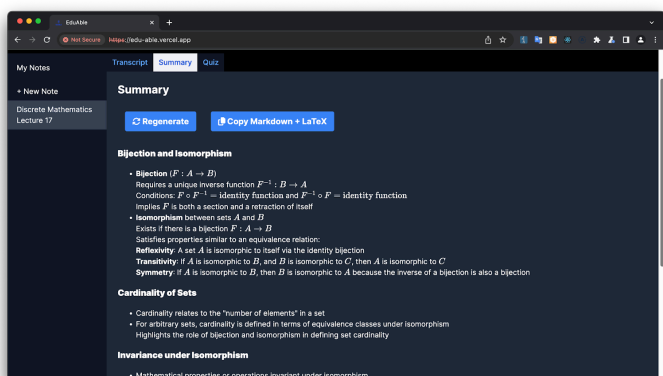
## What it does

YouTube demo: <https://www.youtube.com/watch?v=PWzY63zfQhQ>

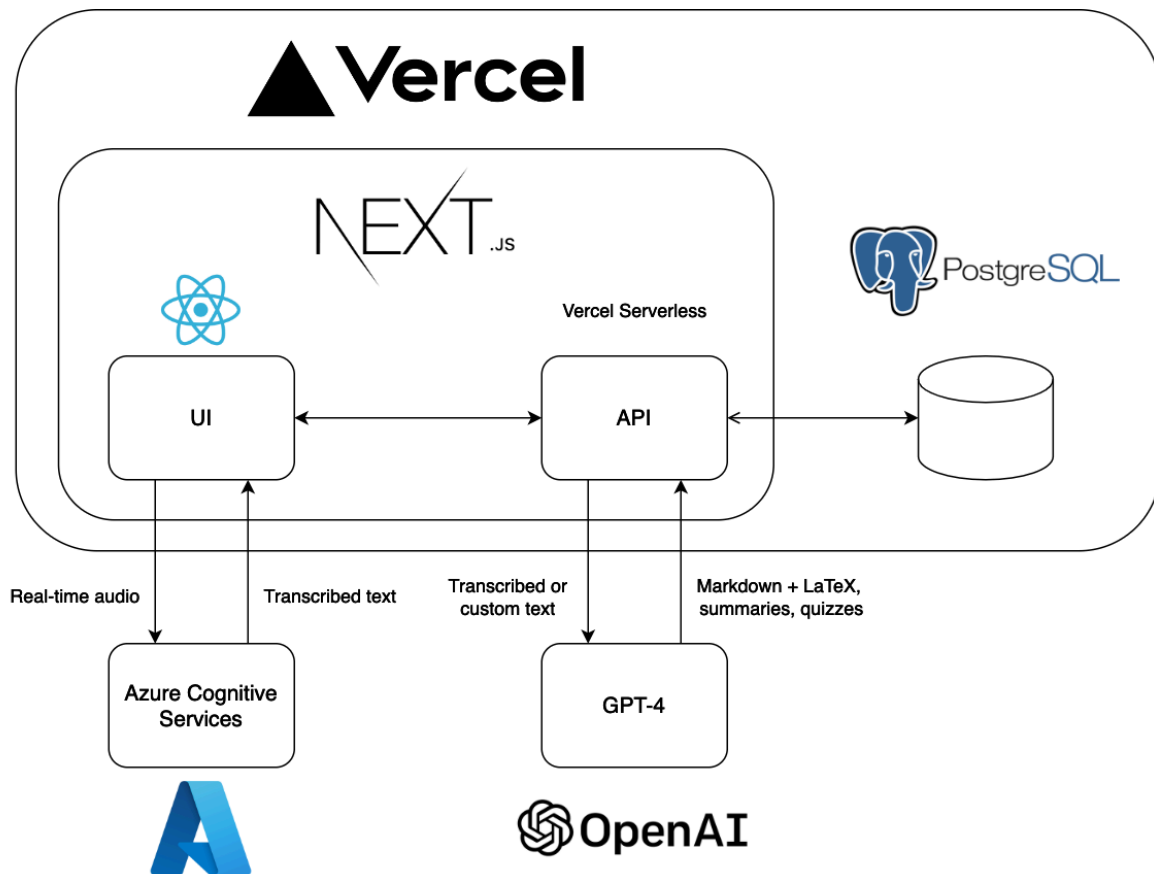
- Live transcription (or from an audio file) and conversion to Markdown and LaTeX. Can be used to transcribe lectures in real-time, or simply to take notes without using your hands.



- Summaries and quizzes generated from the transcribed notes.



# Stack



# Team

## Zayne Zhang – Technical

First year Computer Science student at Cambridge. Co-founder of Bakkhos Labs, a cybersecurity training & consultancy firm in Singapore which has made over £10,000 in profit in its first year of business.

## Adelyn Wu – Non-technical

First year Human, Social & Political Sciences student at Cambridge. Internship experience in management consulting & private equity. Unfortunately she couldn't be here today.

## Progress before the hackathon

Purely ideation stage. Everything was built during the hackathon.

# Market

1. Pre-university students with disabilities (since electronic devices are usually not allowed otherwise)
2. STEM students in higher education

With a monthly subscription cost of 8 GBP per user, the potential market size within the U.K. stands at 240 million GBP (through a top-down analysis considering the proportion of STEM students and students with disabilities). The addressable market has demonstrated a CAGR of 5.11% over the past five years and is predicted to keep this growth rate. The app's utility goes beyond the U.K., broadening its future market potential.