

Live Demo Link

lectrify.app

Code: 1234

Problem Statement

- UNSW students struggle to remain attentive and engaged amidst the entire duration of a lecture, minimising their learning and understanding of topics.

- UNSW Lecturers struggle to engage and promote discussions
- Students are embarrassed to answer questions.
- lecturer gains no response from students and cannot gauge students understanding

Solution

Lectrify offers a dynamic and concurrent quiz experience.

AI and voice recognition to deliver questions instantaneously.

Anonymous interaction and engagement through multiple choice questions.

Software Used

Front End

HTML

CSS

Javascript

Python

Back End

Express.js

Software

ChatGPT

4o

4o-mini

OpenAI Whisper

Scalability

OpenAI tokens for voice processing will cost 15c for 1 million tokens

The project relies on easily scalable hosting, which only ever increase with more Quiz rooms.

Lectrify will cost UNSW a whopping 1 cent per lecture

Access to Quiz Playback
alongside lecture recordings

Pre-Written Quiz Sets
prior to Lectures

Future Features

ACCEPT/DECLINE
Quiz Questions

Light/Dark Mode



Stats?



Credits

Presenter: Ryan Hay

Presenter: Biswas Simkhada

Lead Developer: Ryan Hay

Lead Designer: Biswas Simkhada

Designer: David Shun

Writer&QA: Fahim Mahmud

Writer&QA: Mubashir

Muhammad Hussain