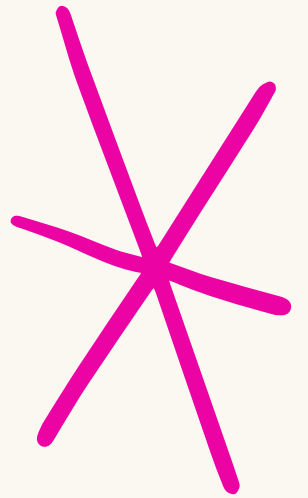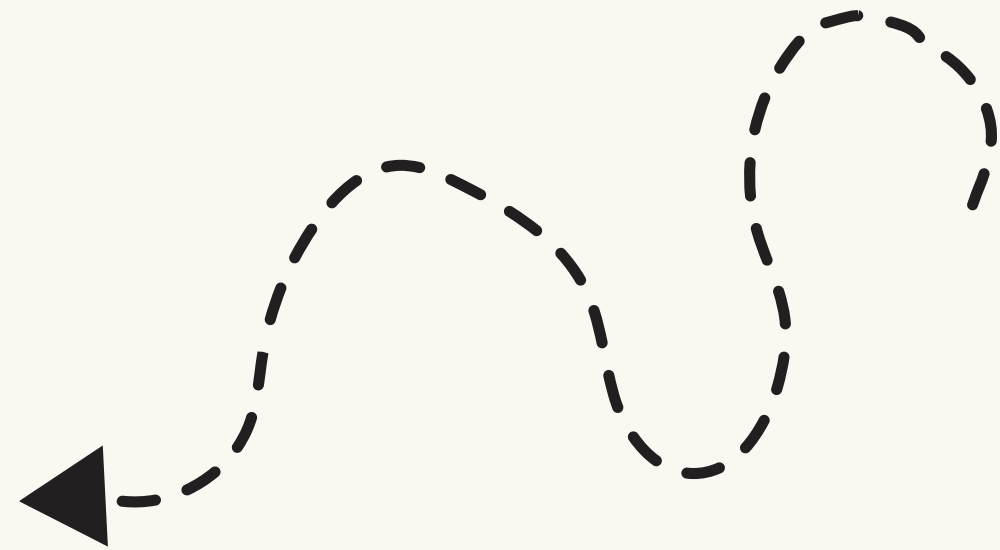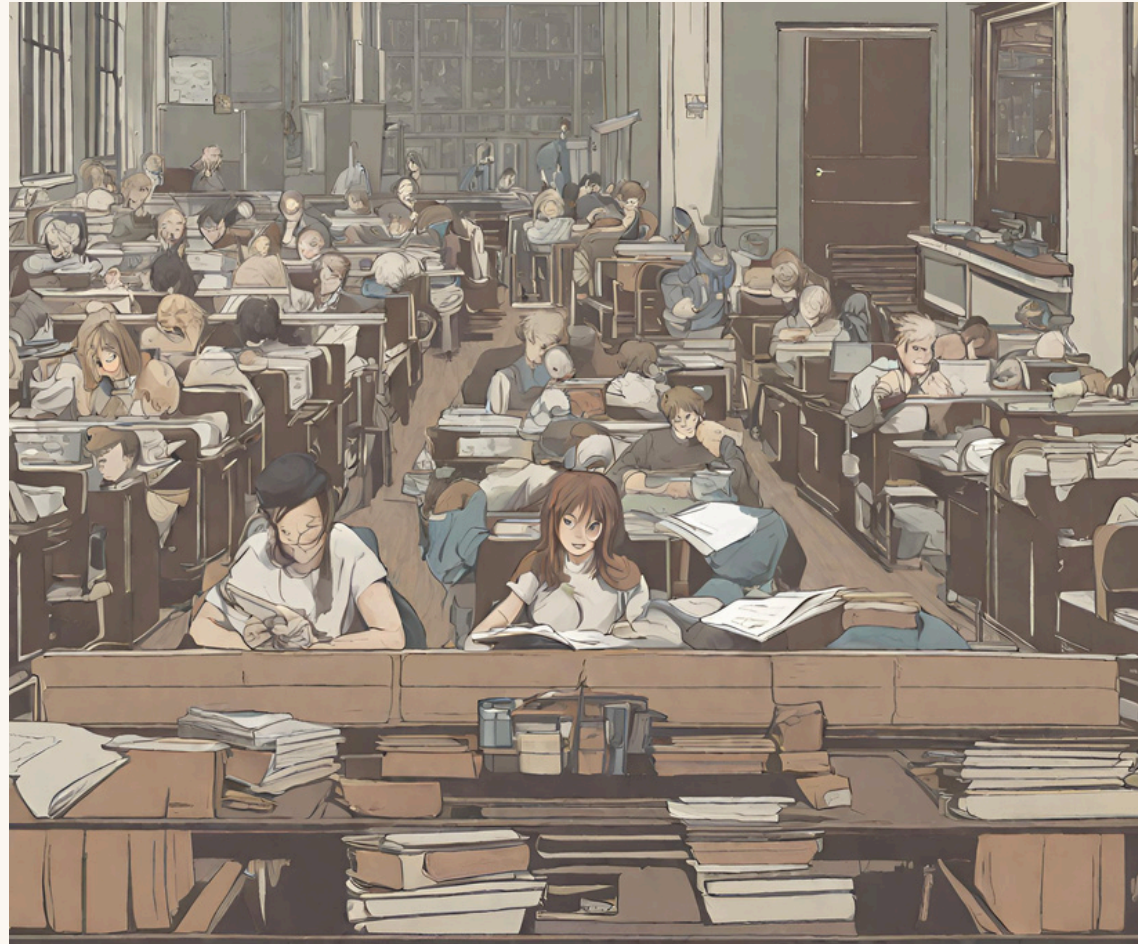lecture's
CHECK

Problem statement ♡

Dune State University would like all their Professors to record the lectures and upload them to their Learning Management System so that the lectures are available for students to watch anytime. With each video a PDF file too is uploaded. The system needs to validate the video for topic wise coverage. It also needs to match the video content and PDF and show its analysis.
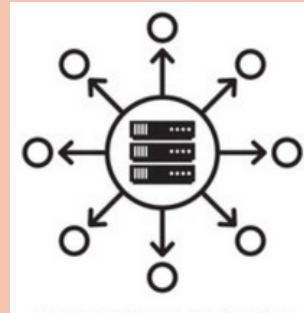
FRONTEND

MIDDLEWARE
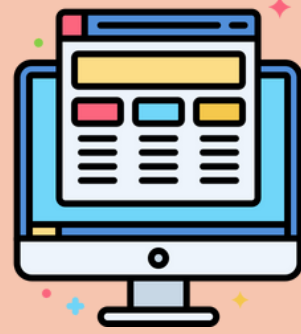
BACKEND

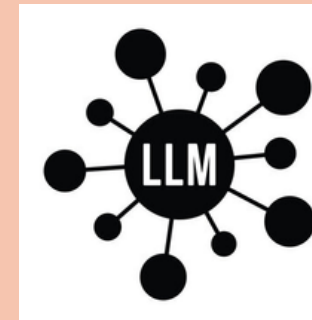**(react js,bootstrap)**

for uploading pdf's
and videos

(expresss js)
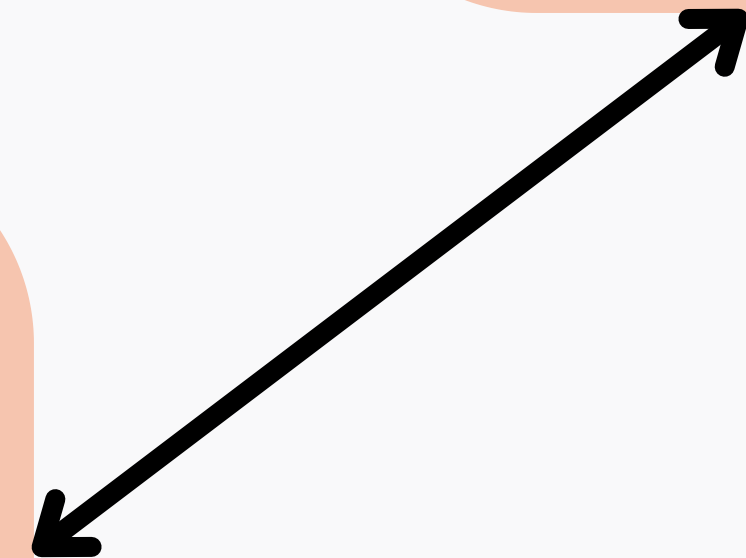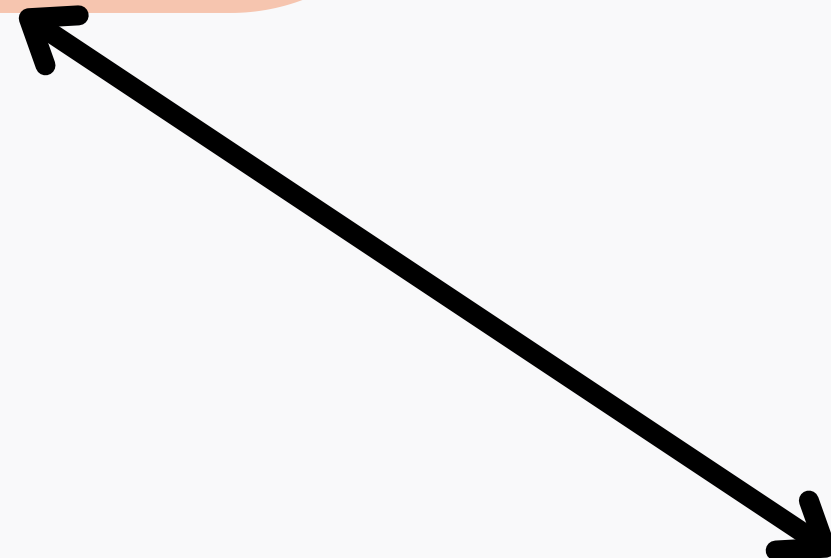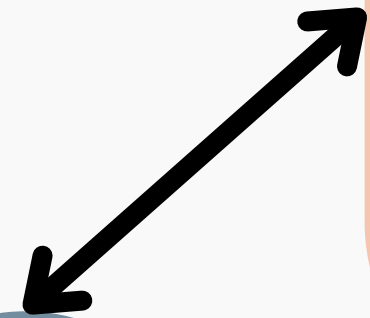
api end points for
different purposes

(mongodb)

for storing uploaded
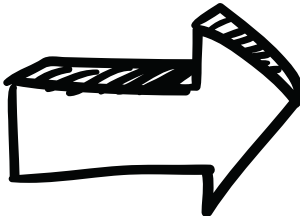pdf's and videos

for analyzing
pdf's

PURPOSE

Develop an AI-powered module using a Language Learning Model that can be integrated with Dune State University's Learning Management System to provide automated validation and analytical insights into the lecture content provided by professors in both video and PDF formats.
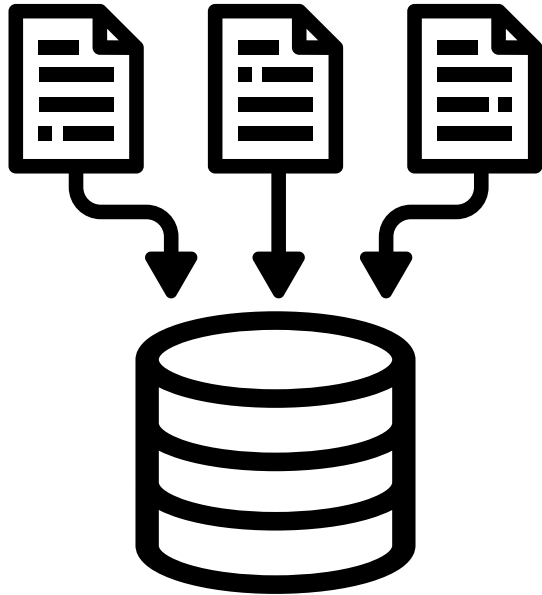
work flow

PROFESSORS

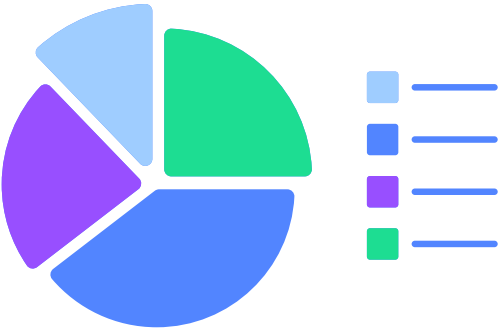**FRONTEND (HTML,CSS,JS,React)**

REQUEST

RESPONSE

STORES UPLOADED VIDEO AND PDF'S

BACKEND (MONGODB,NODE.JS)

VIDEO

AUDIO

TEXT

PDF

PDF

RESPONSE

REQUEST

content analysis (LLM)

Thank you!