#### MICHIGAN STATE UNIVERSITY

# Alpha Presentation Insight Weaver AI (IWAI)

The Capstone Experience

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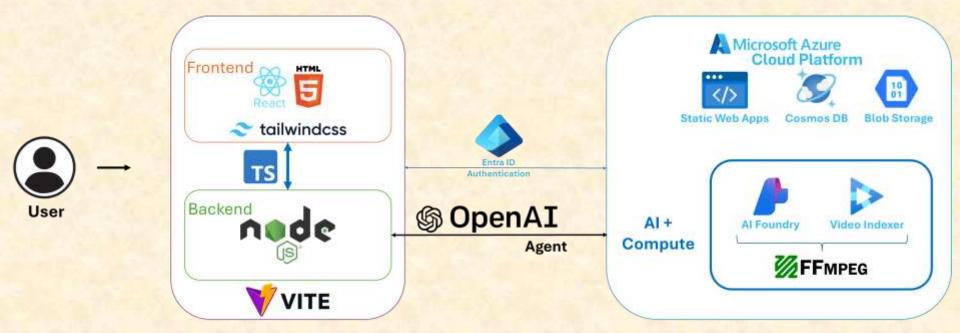
Fall 2025



### **Project Overview**

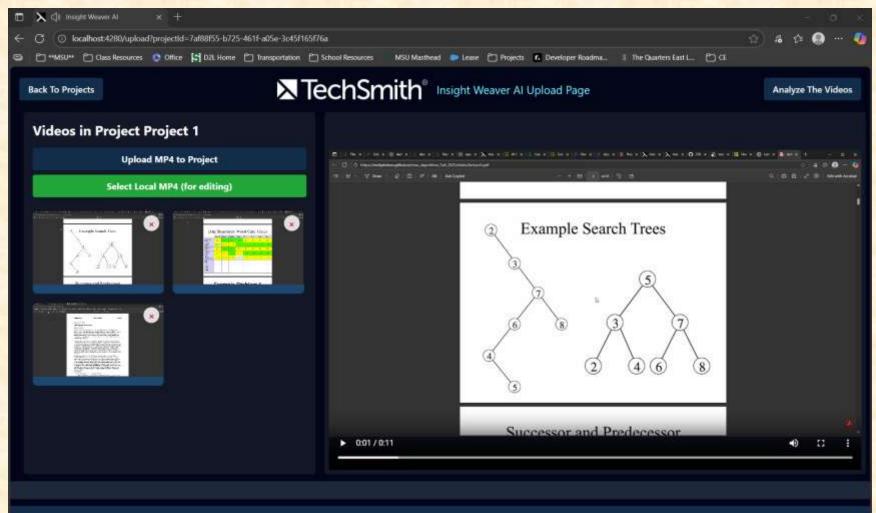
- Video editing is difficult and time consuming.
- IWAI can produce professional and cohesive videos from uploaded content in minutes.
- Agentic AI will analyze video content, and create 3 videos that the user can choose from.
- Once chosen, the user can either proceed straight to sharing/downloading or further refine their video using AI chat.

# System Architecture



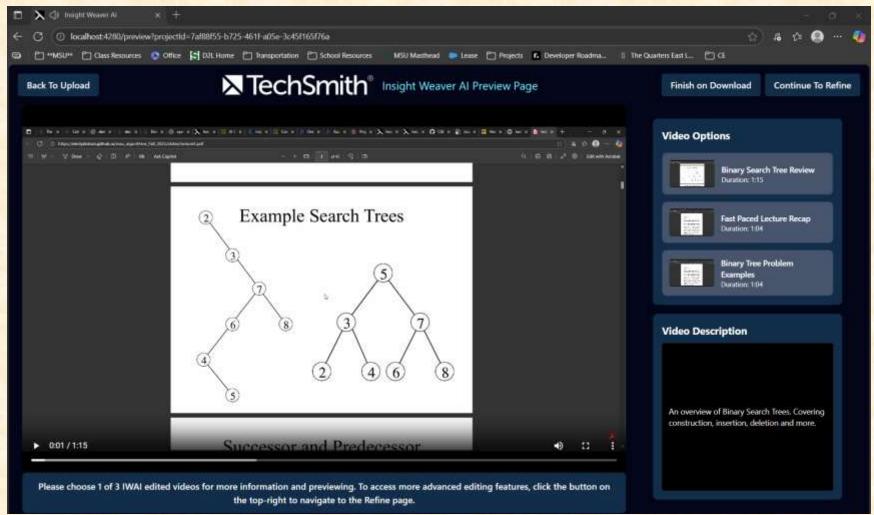


# **Upload Page**





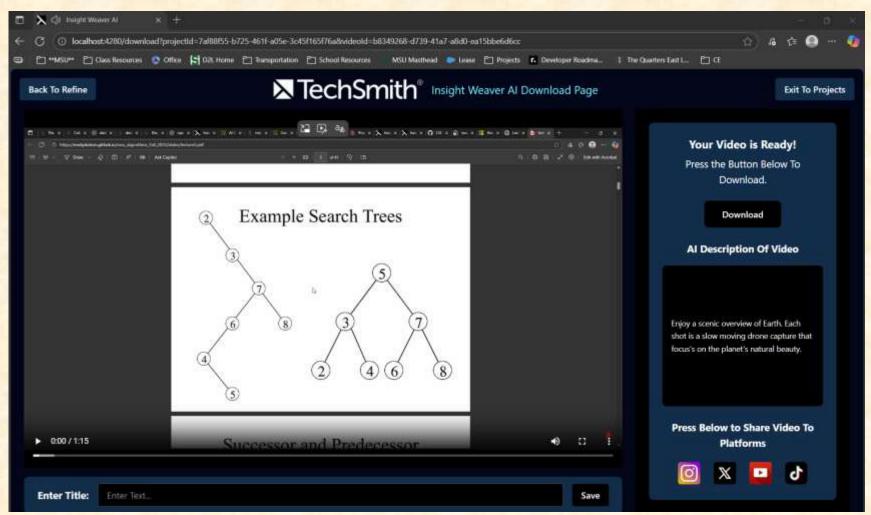
### Preview Page



# Refine Page



## **Download Page**





#### What's left to do?

- Massively expand Al Agent capabilities
  - Chain together edits(cuts, transitions, etc)
  - More realistic and intelligent video creations
- Allow for more natural and human friendly chat on refine page
- Enable sharing to more major platforms
- Improve UI/UX and navigation between pages
  - Make each step feel more impactful

# Questions?

