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# ClassAI

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# Problem

- Online lectures can be tiring and not straight to the point.  
Also tons of technical issues during the online lecture
- Hard to pinpoint important sections in the lecture (especially when you have 2h lectures for 5 courses)
- Hard to find and refer to important sections in the lecture when studying

# Solution

- Classroom platform for teachers to post recorded lectures, have course discussions with students, and help students
- Uploaded lectures are processed by ClassAI and AI pinpoints the most important sections of the lecture. Also summarizes the important sections and saves time
- We also have course discussions, amazing UI/UX, and dark mode for studying before the exam at 2AM

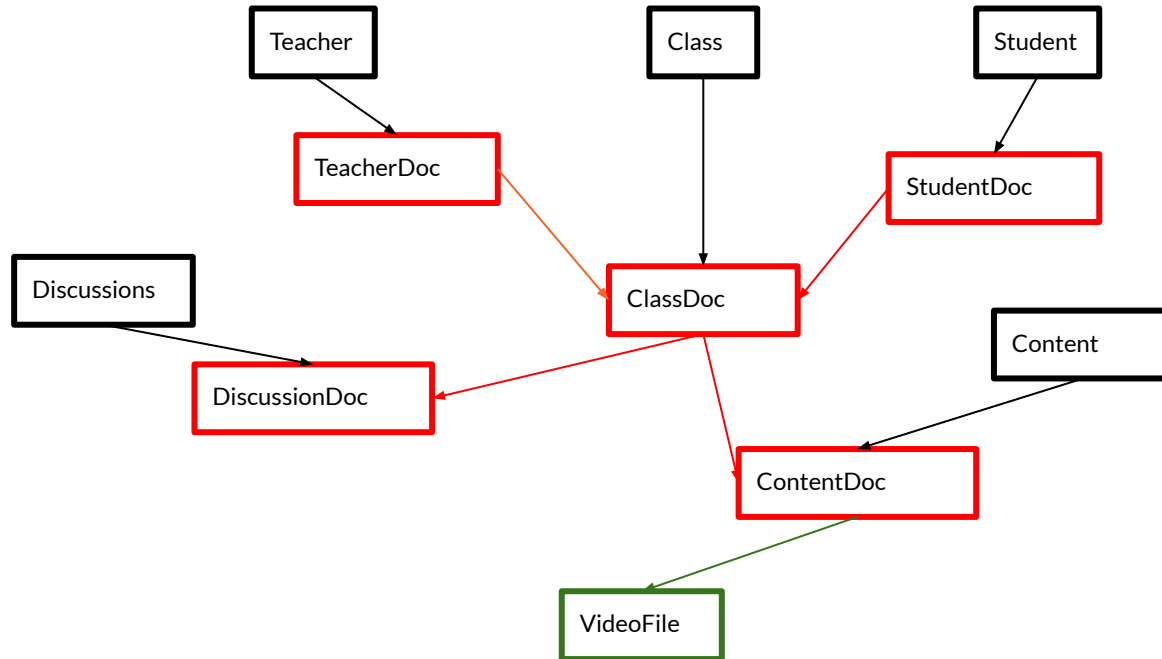
# What We're Competing For

- **Social Impact:** Education, helps teacher/students navigate online learning
- **AI/ML:** Using AI/ML
- **Best Design:** We have awesome UI/UX
- **Best Pitch:** Best pitch...?
- **Judges' Favorite:** Who knows...?
- **Assembly AI challenge**
- **MLH - Best Use of Google Cloud**

# Technical Details

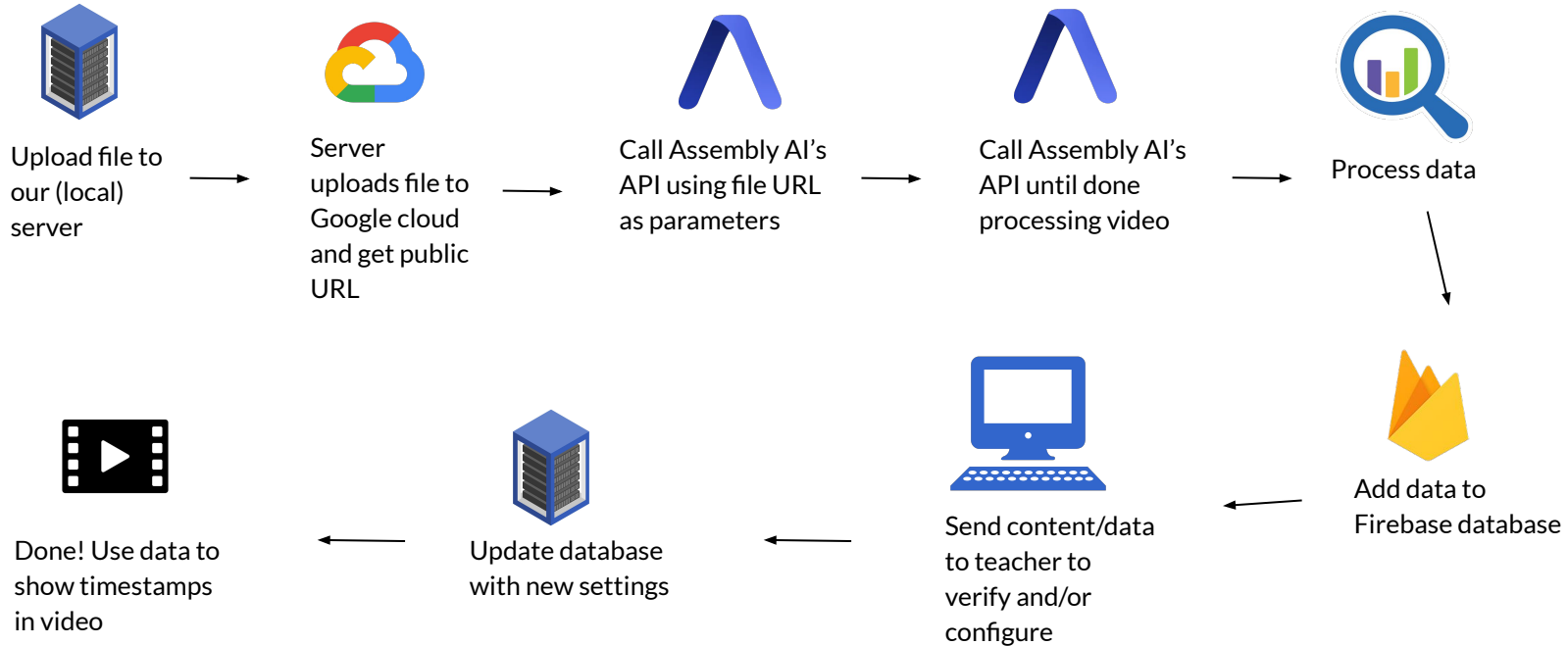
- Frontend:  
VueJS/Vuex, Tailwind CSS
- Backend:  
NodeJS, ExpressJS
- Database:  
Google Firebase Firestore & Cloud Storage
- Other:  
Assembly AI's API, JS/HTML/CSS/SCSS

# Database Design (NoSQL)



- Firestore for NoSQL database
- Firebase Storage for file storage (ie. S3 buckets)
- Black = Collections
- Red = Document
- Green = Firebase Storage

# Uploading + Transcribing Video (with Assembly AI)



This took 10h+ 😭



# Dark Mode

