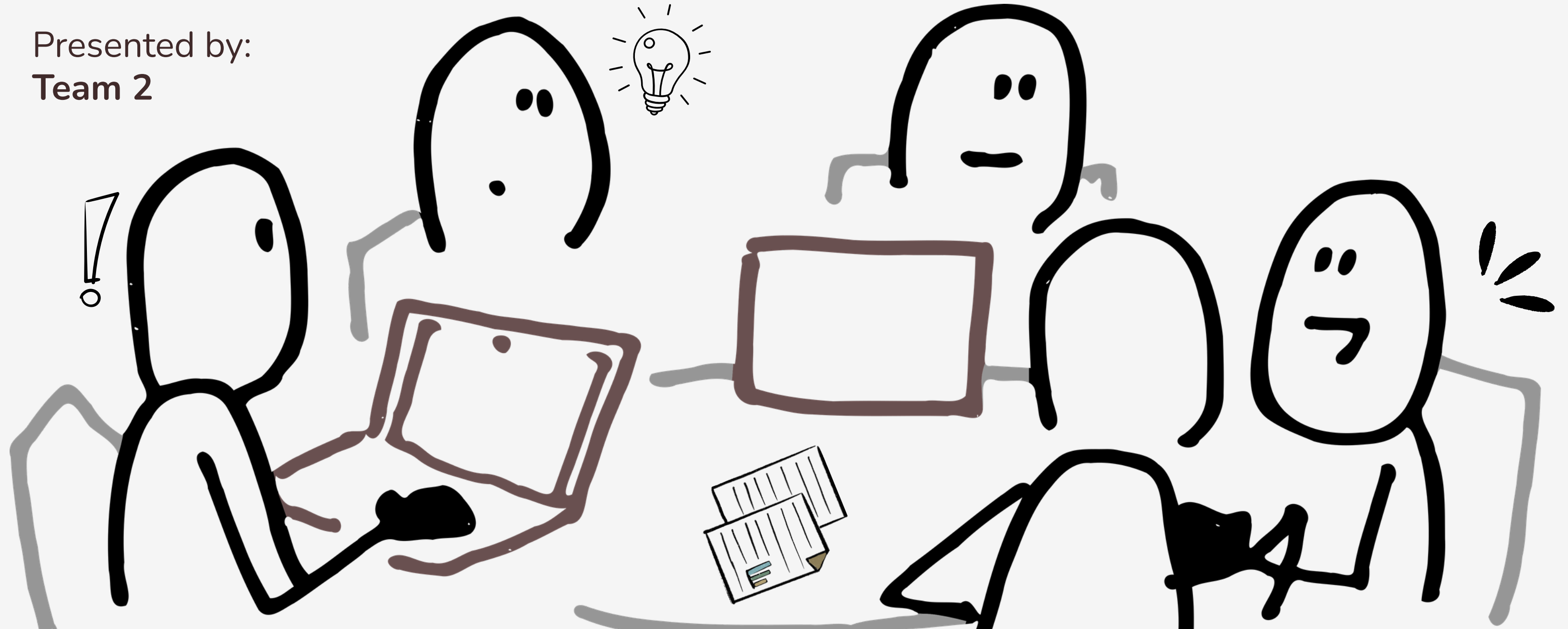


SONIQ

Presented by:
Team 2





MEET THE TEAM

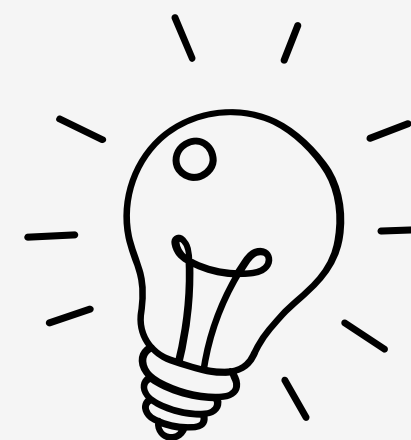
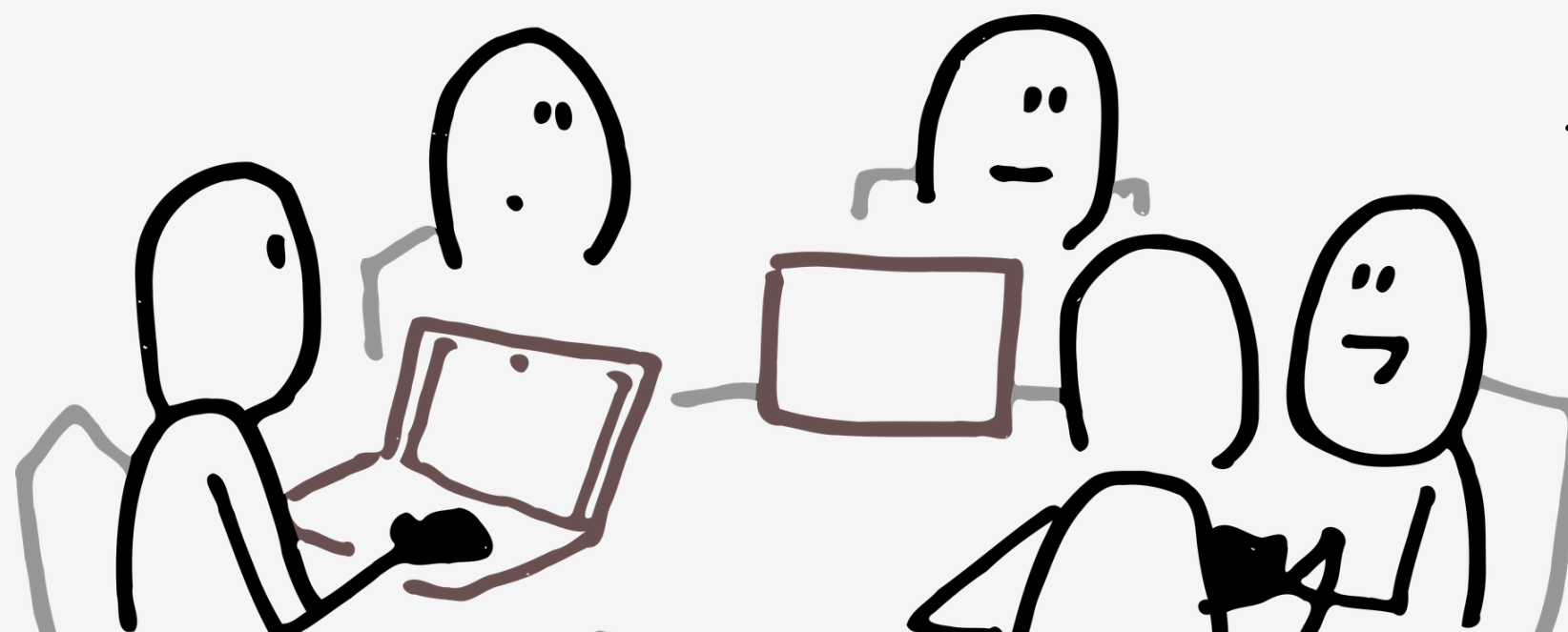
Dasha Binskaia

Ivan Htet

Jacob Aquino

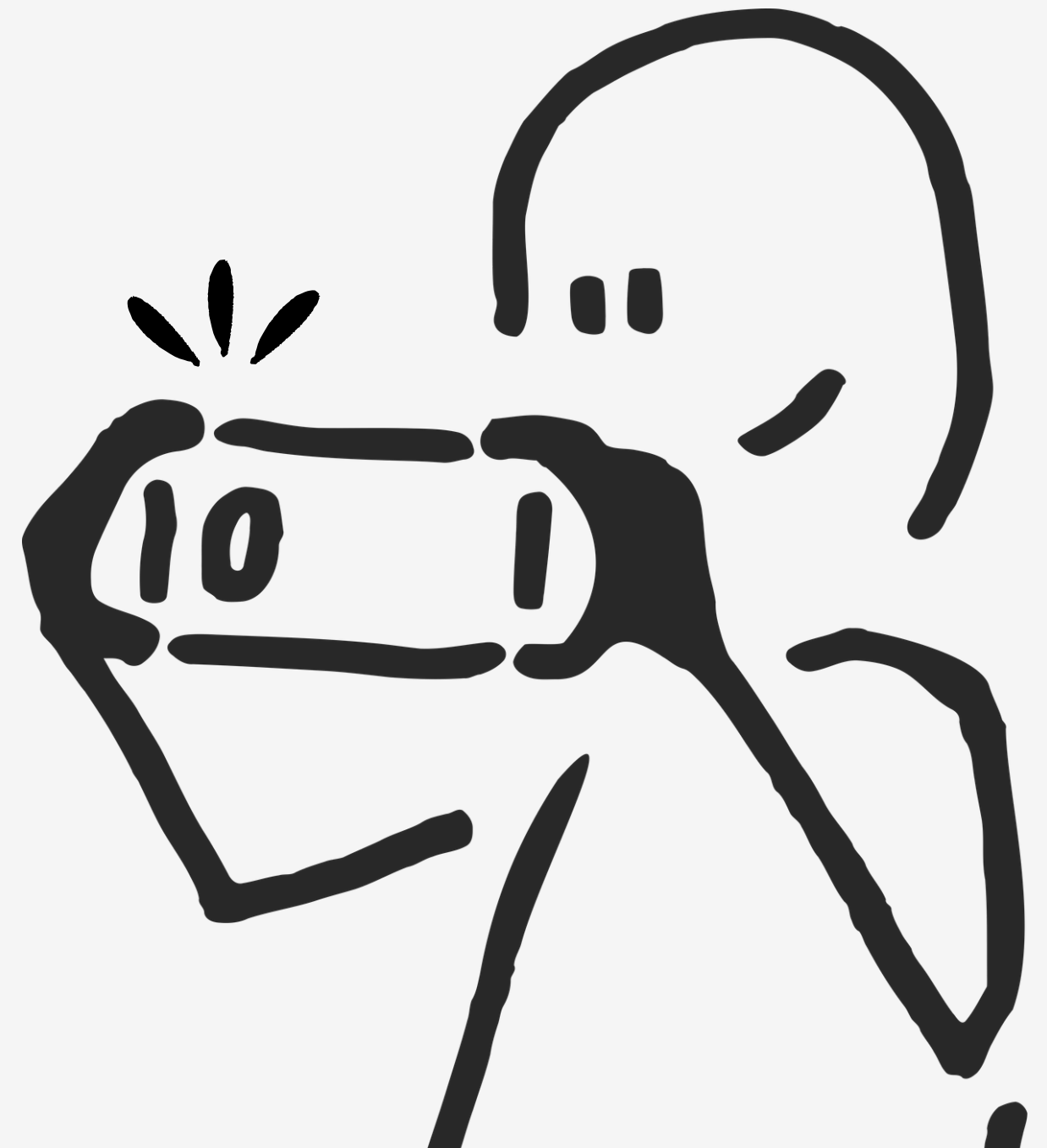
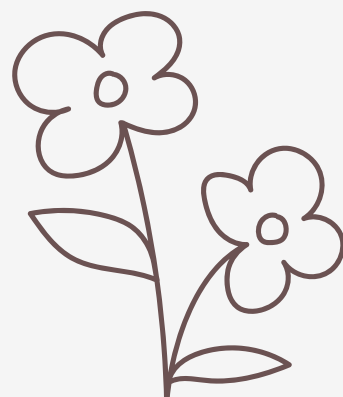
Paul Pham

Ricky Balderas



ABOUT THE PROJECT

- SONIQ is an automated course design auditor for online courses
- Evaluates courses against the CVC Online Course Design Rubric (22 elements across 4 sections)
- Runs both AI-powered rubric alignment checks and deterministic accessibility checks
- Produces a detailed report with ratings, evidence quotes, and actionable fixes
- Web interface for drag-and-drop upload with instant results



PROJECT OVERVIEW

- Rubric interpretation is inconsistent across different reviewers
- Accessibility issues (contrast, alt text, headings) are easy to miss by eye
- Courses might go live without meeting alignment standards
- No scalable way to audit hundreds of courses across an institution



03

PROBLEM

01

A single peer review takes 5 to 10 hours, clicking through every page, video, and assignment by hand.

02

The biggest time sink is accessibility: captions on every video, heading order on every page, alt text on every image.

03

One course had 85 videos, each opened one by one just to confirm the captions actually exist and they are correct.



OBJECTIVE

01

Reduce review time to less than 5 hours per course, while keeping accuracy

02

Automate the objective checks: structure, accessibility signals, captions, and standard modules.

03

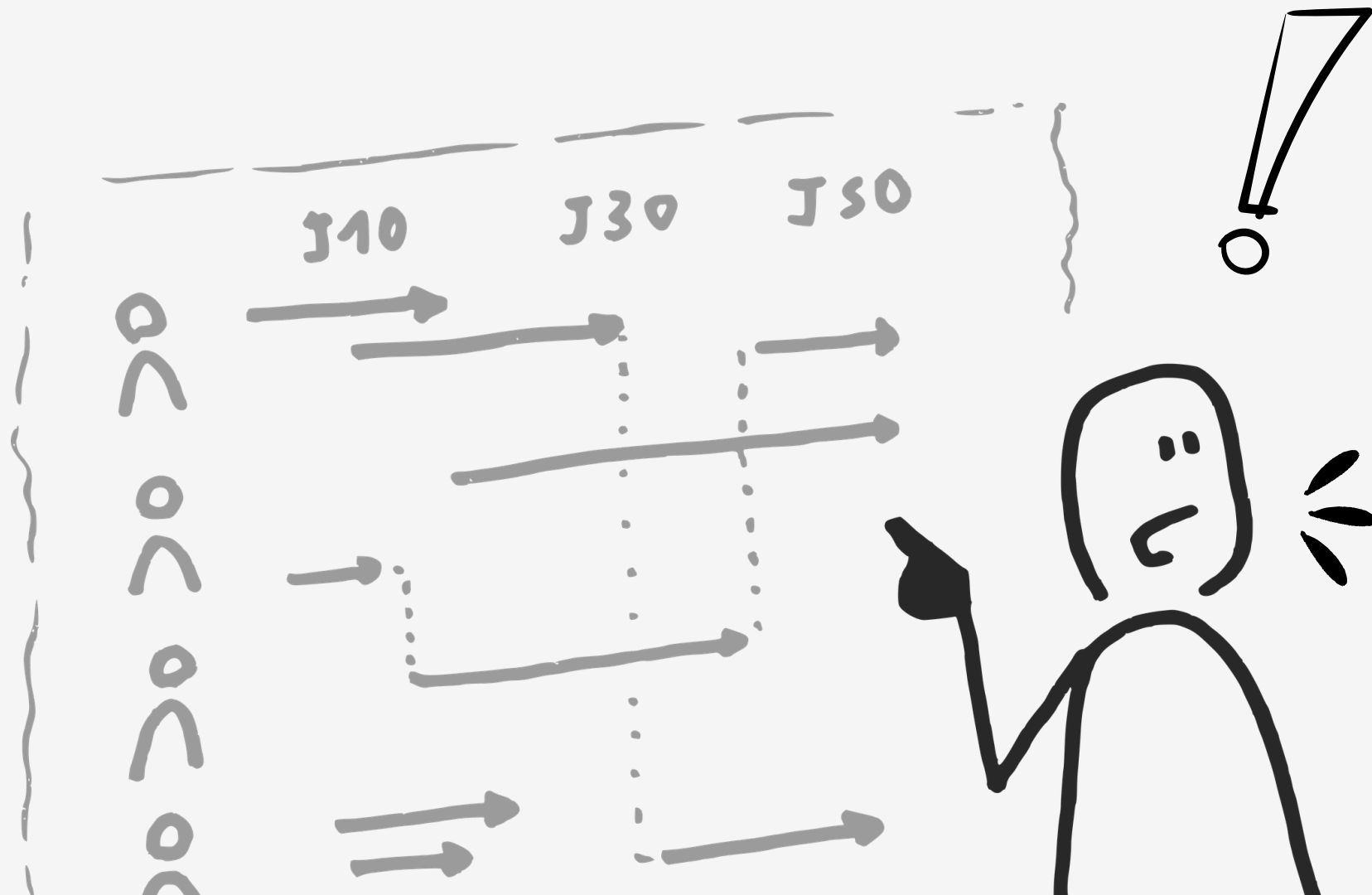
Keep a certified human reviewer in the loop for every final call.

04

Hours spent reviewing are now hours spent coaching, the part of the process only experts can do.



HOW IT WORKS



Ingest

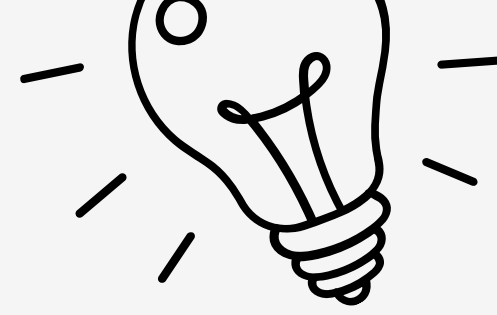
Take in an exported Canvas course and chunk it into structured pages, syllabus, assignments, discussions, etc.

Analyze

Score all 22 rubric standards plus accessibility checks, from heading structure to caption compliance.

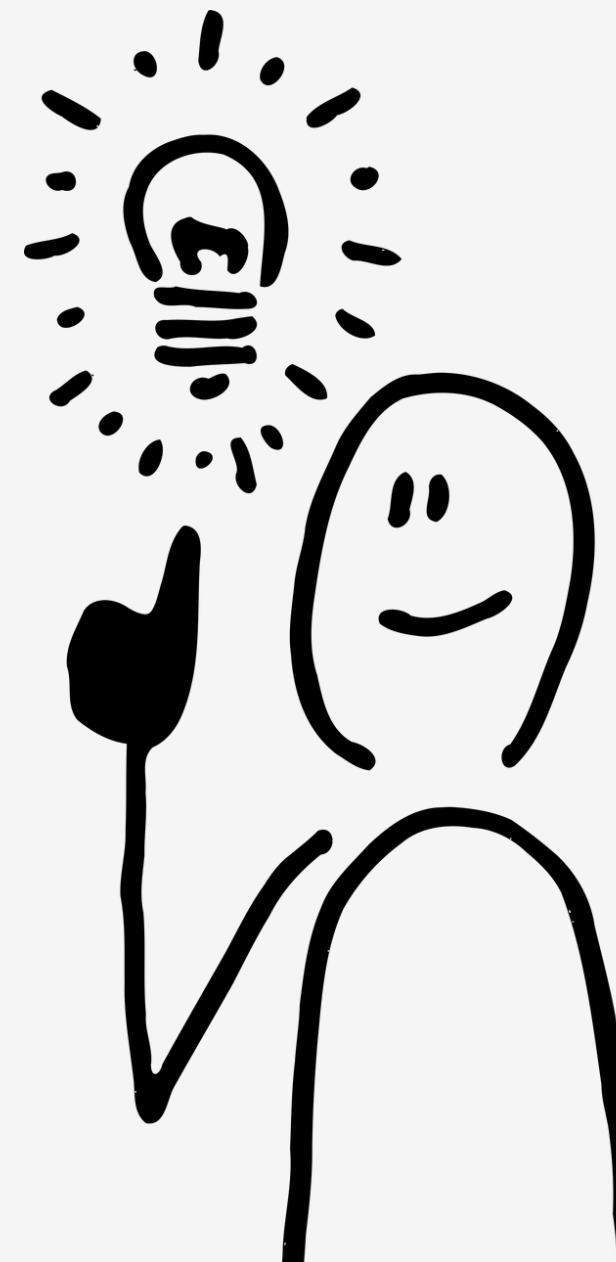
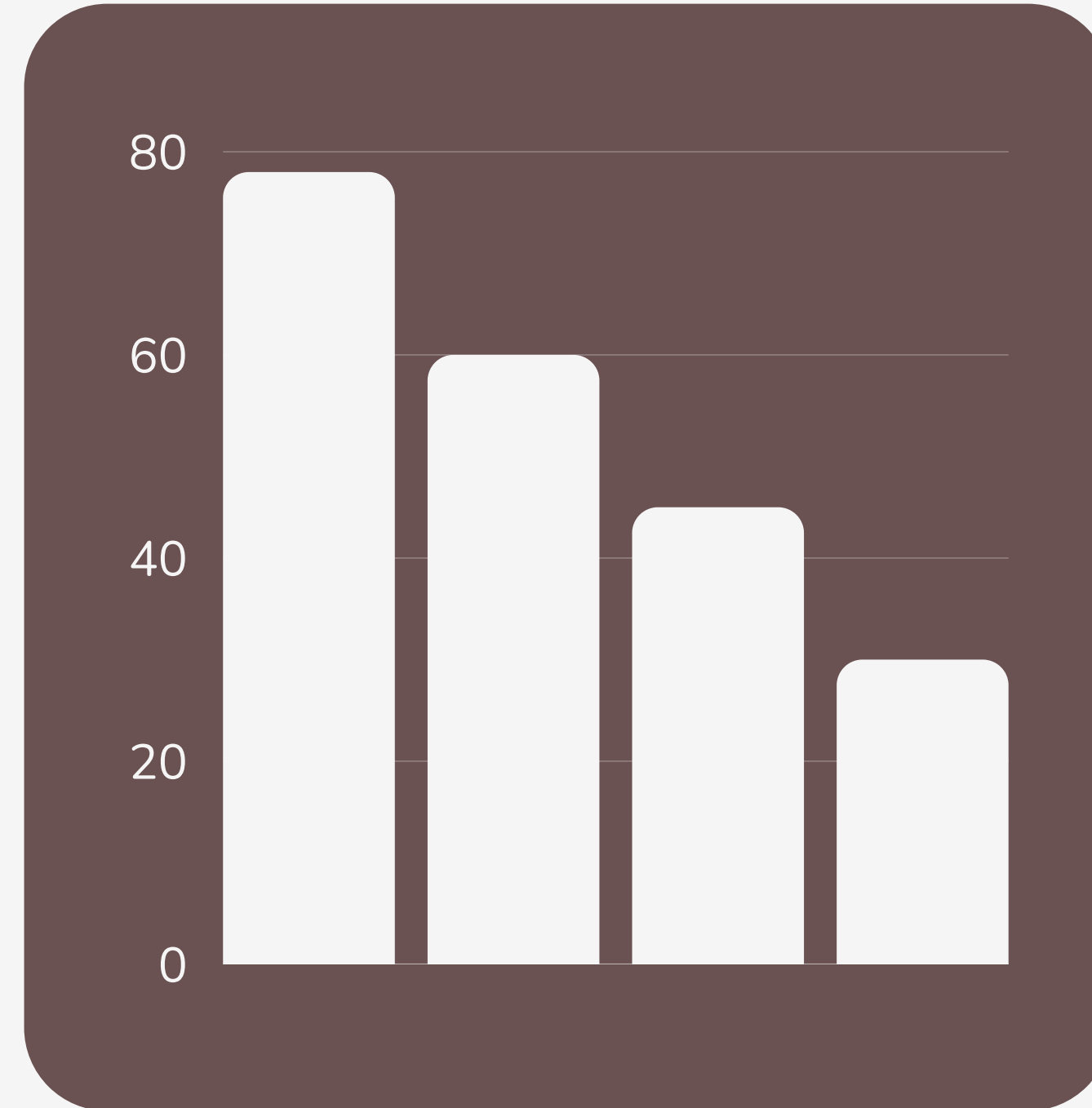
Report

Deliver findings with evidence-based reasoning and location of error, for every flagged item.

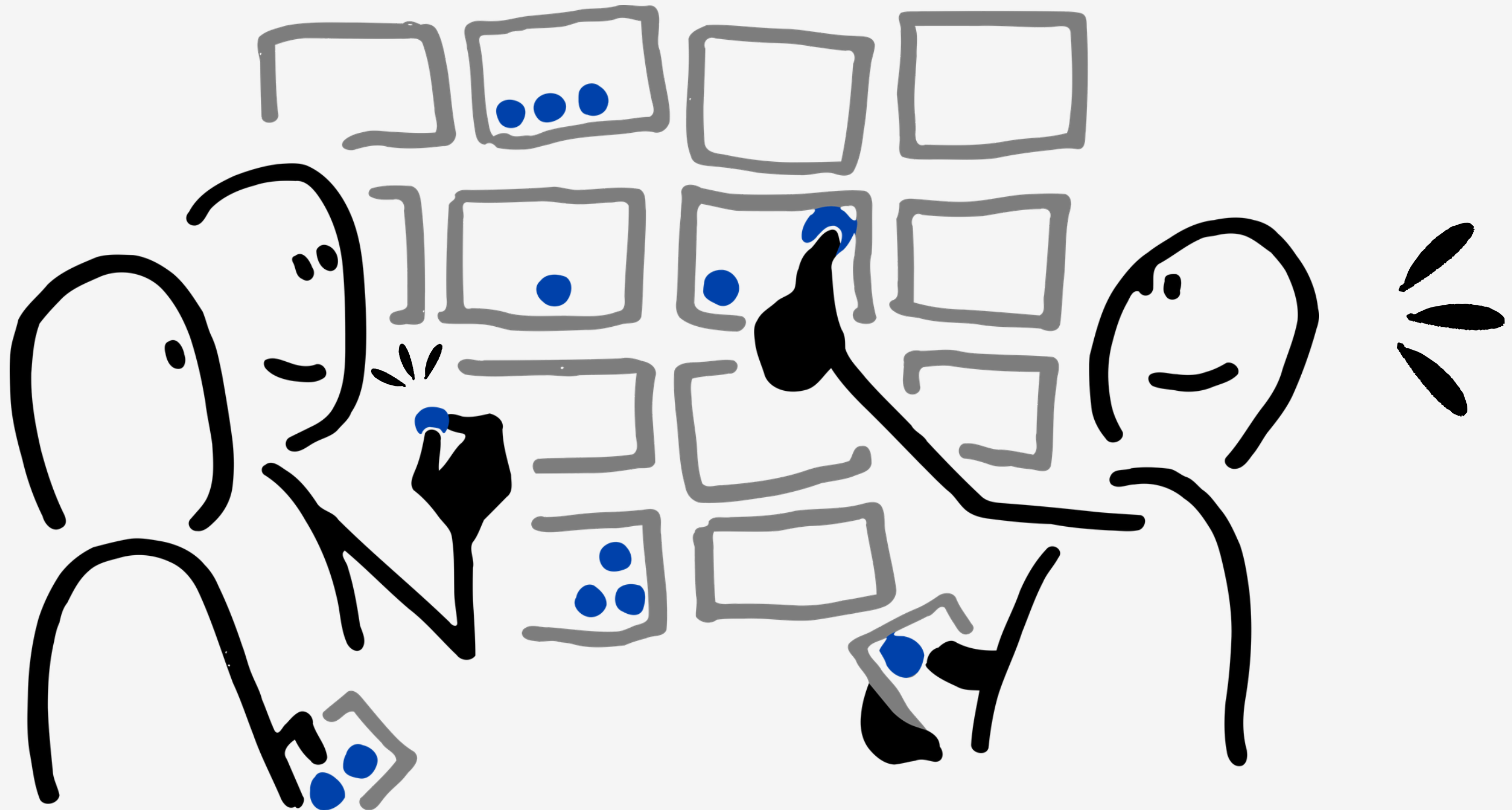


THE TECH

- Parser: Canvas export in, structured JSON out
- Deterministic check: checks accessibility features
- LLM check: AI reads and evaluates course content
- Every flag is tied to the exact module it came from

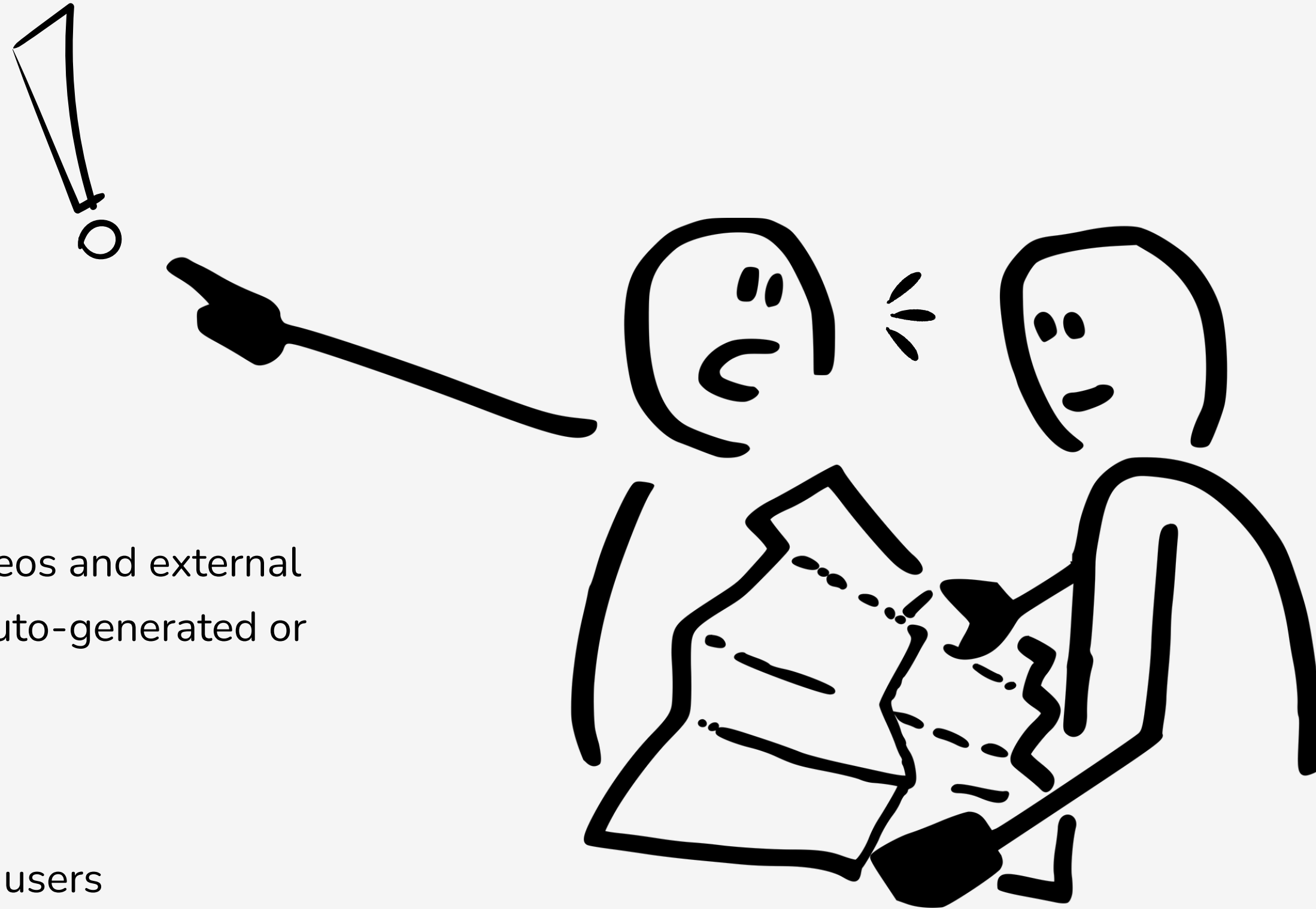


LIVE DEMO



UPCOMING FEATURES

- Caption Checker: checks if embedded videos and external videos have captions, access if they are auto-generated or manual
- AI chatbot window
- Scalability: Ready to scale up to 30,000+ users



Q&A

