MICHIGAN STATE UNIVERSITY

Alpha Presentation

UserClarity

The Capstone Experience

Team TechSmith

Sam Ardinger
Mann Aswal
Calvin Clark
Naseeb Bello
Tanaya Kirtane
Jackson Wright

Department of Computer Science and Engineering
Michigan State University

Spring 2026

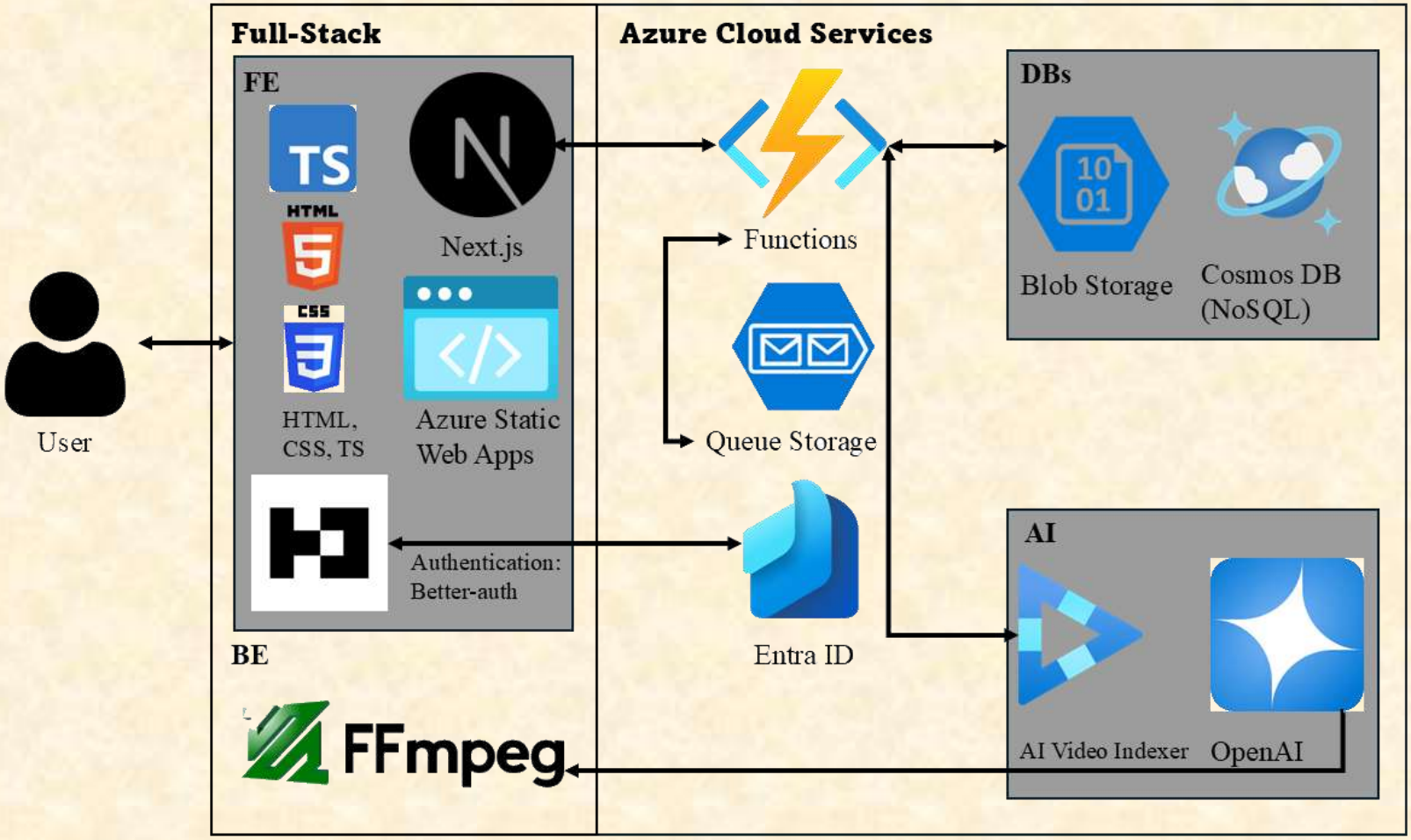


From Students…
…to Professionals

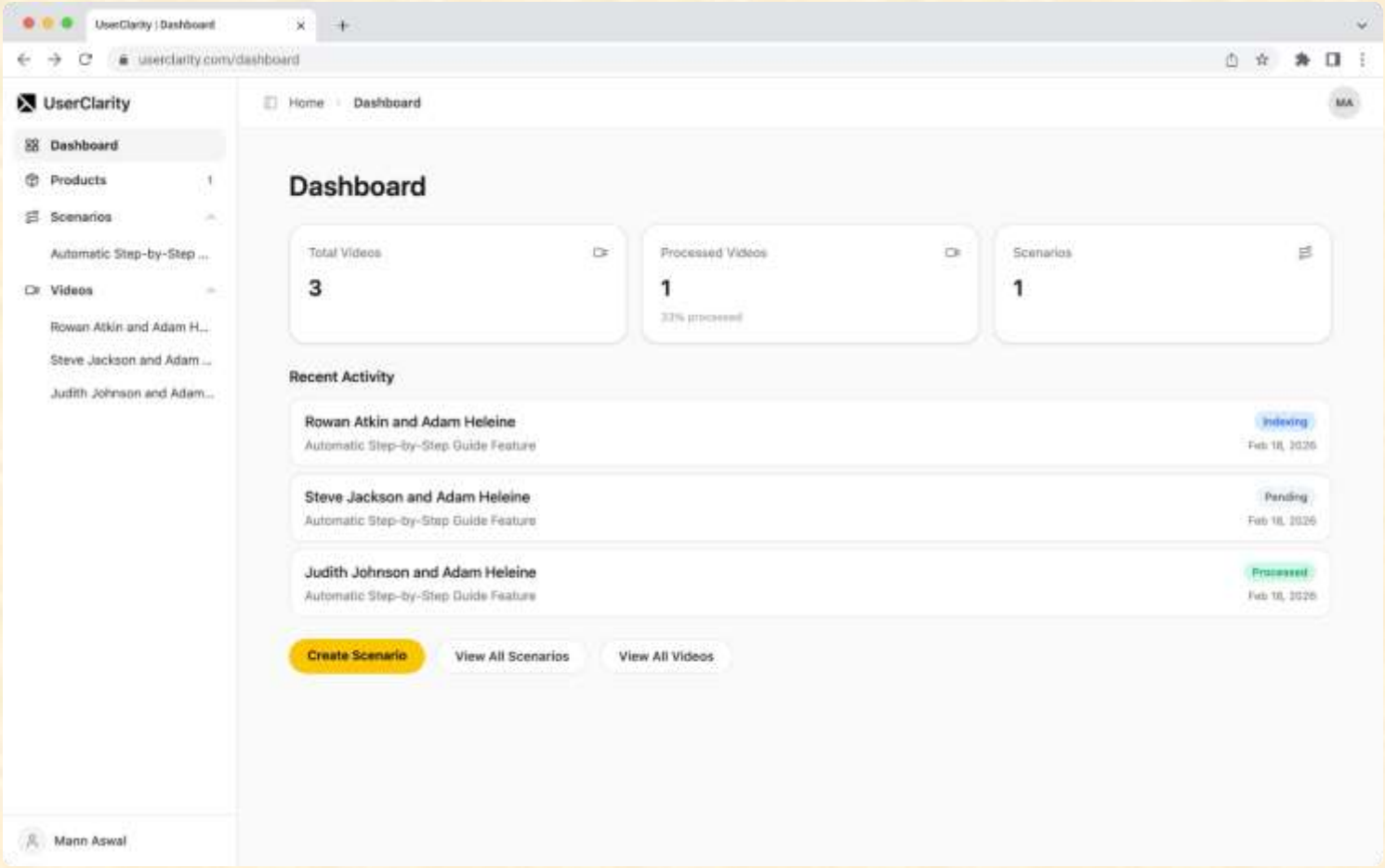
Project Overview

- Web app that analyzes UX usability test recordings
- Saves time by automating the review process
- AI Pipeline analyzes videos to detect successes and struggles
- Converts uploaded recordings to downloadable UX reports

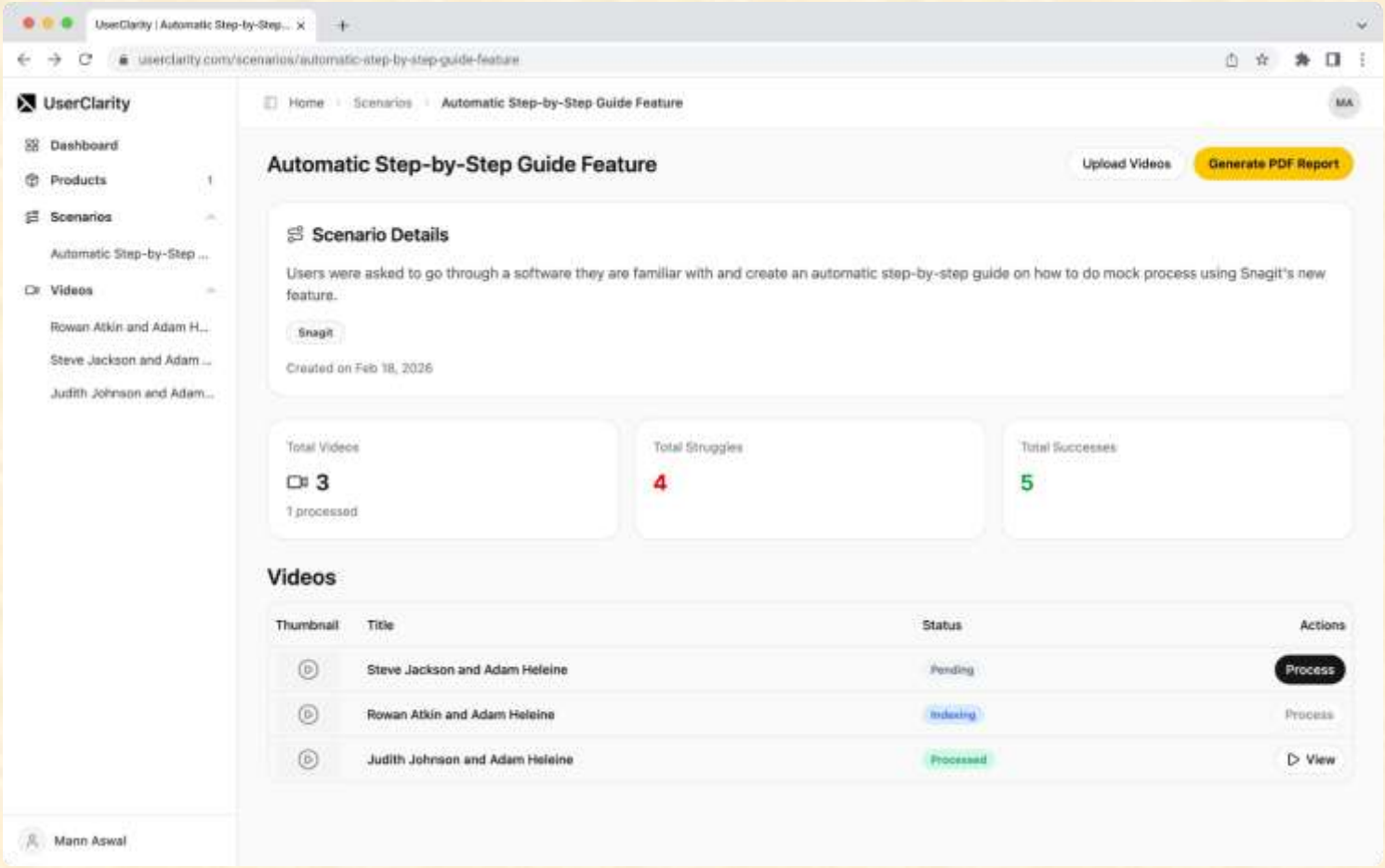
System Architecture



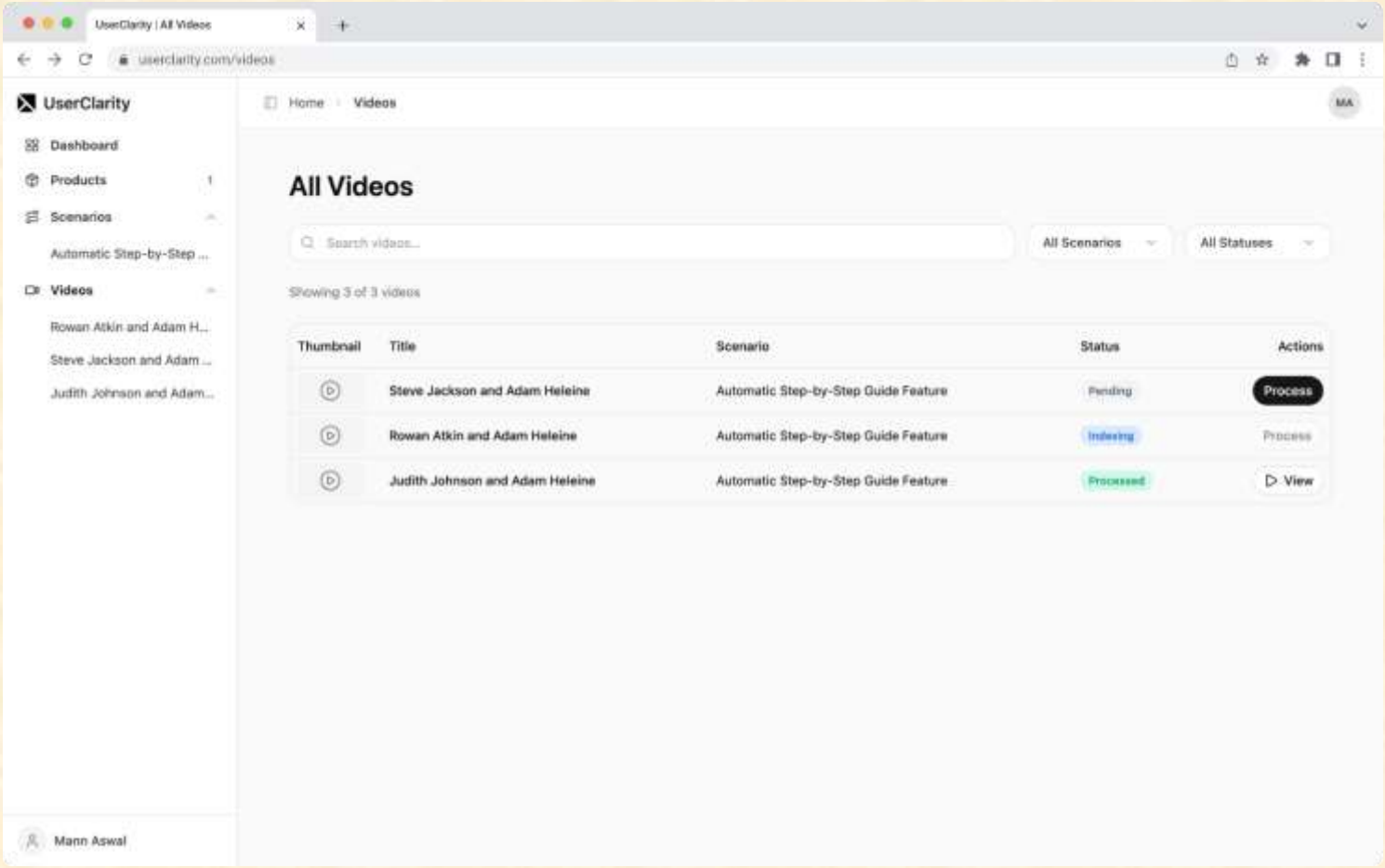
Dashboard Page



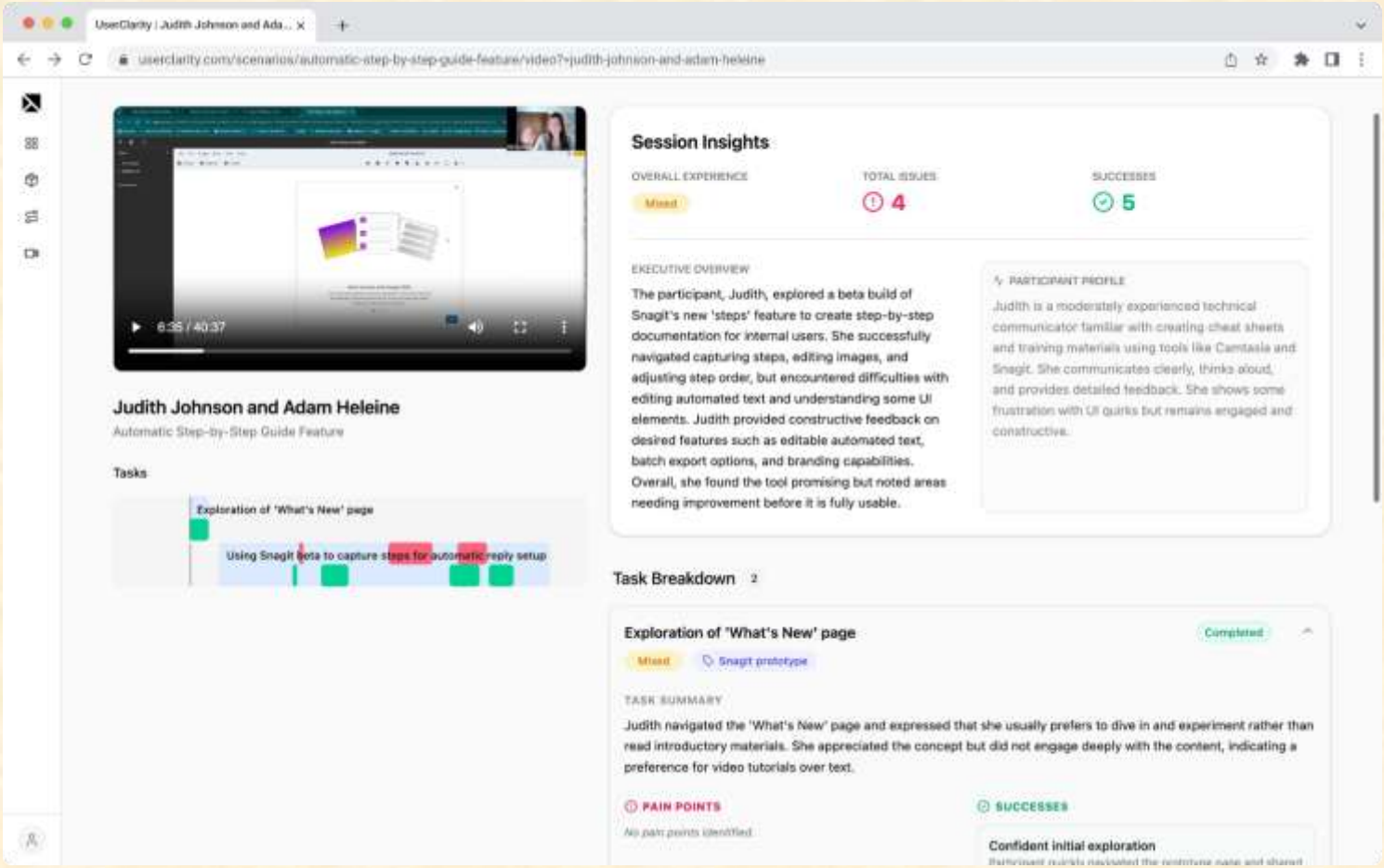
Scenario Detail Page



All Videos Page



Video Detail Page



What’s left to do?

- Fine-tune AI minification and prompts
- Add API testing and update error boundaries
- Record dataset of personal usability tests
- Generate PDF and highlight exports
- Stretch goals:
  - A/B testing
  - Human-in-the-loop editing

Questions?

