MICHIGAN STATE UNIVERSITY

Alpha Presentation Railroad Switch Alignment Training

The Capstone Experience

Team Union Pacific

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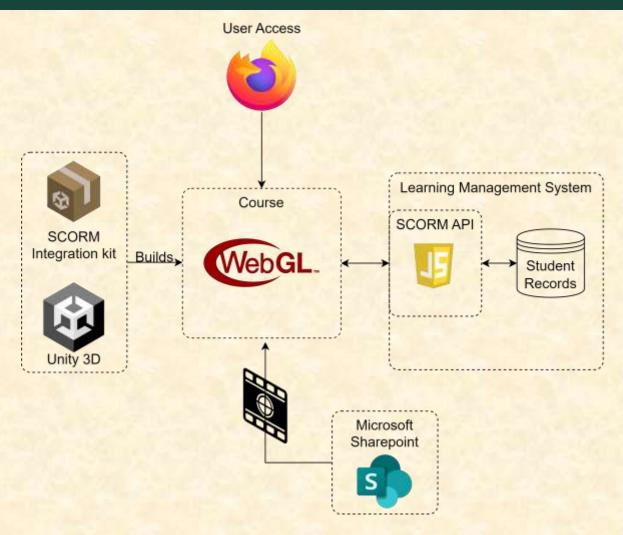
Fall 2023



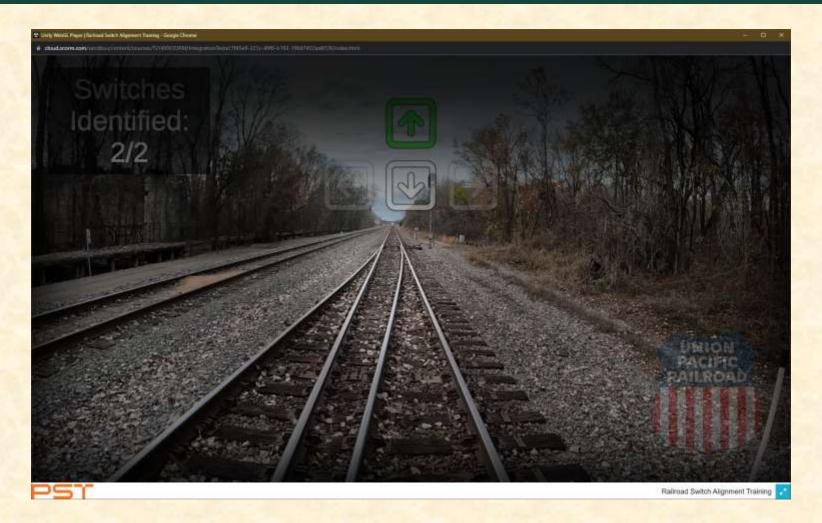
Project Overview

- 'Railroad Switch Alignment Training' sponsored by Union Pacific
- Correct switch identification is crucial
- Set of simulations for training purposes
 - Allows for efficient repetition
 - From a safe environment

System Architecture



Gameplay



Level Complete

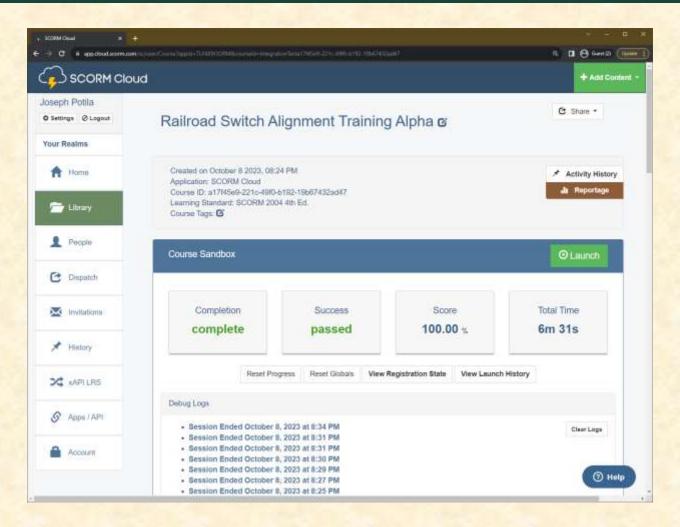




Importing a video



SCORM results



What's left to do?

- Make more levels
- Fetching video and config from server
- Update tutorial pauses
- Finalize user interface
- Update JSON layout

Questions?

