Alpha Presentation
Railroad Switch Alignment Training

The Capstone Experience

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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

User Access

Course

Learning Management System

SCORM API

Student Records

SCORM Integration kit

Builds

Unity 3D

WebGL

Microsoft Sharepoint
Gameplay
Level Complete

Level Score:
100%

Press the left arrow key to retry, or press the right arrow key to exit
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?