Beta Presentation
3D Model for Factory Digital Twin

The Capstone Experience

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Project Overview

• Live Data 3D Model of Factory
• Display Real-Time Updates of Sensors
• Quickly View Factory and Find Issues Effectively
• Create Generalized Solution to allow for expansion & Scaling
System Architecture
Standard Edit Mode
Live Data Feed Simulator
View Mode & Line Pathing
Live Alerts
What’s left to do?

• Stretch Goals
  • Layer views
  • Graphs for visual history?
  • CDN for faster load times?

• Other Tasks
  • Concurrent User Sessions
  • Server Deployment (CI/CD)
  • Generalization
  • Changes to UI elements
  • QA Testing
Questions?