Beta Presentation
Composable 3D Model of Factory Floor
The Capstone Experience
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Project Overview

• Improve Efficiency
• Data Driven Digital Twin
• Configurable by Users
• Fixed and Dynamic Assets
System Architecture

Frontend

Server

Visual Packages

Database

Connection

API

Express

Node

VueJS

MongoDB

GeoJSON

Mongoose
Factory View
Create a New Factory

Create a New File

Select Template: Template 1 (1024x200)  
Location: 
Floor Type: 
Plant Number: 

Create
Edit Object Screen
New Object
What’s left to do?

- Stretch Goals
  - More Ion Assets
  - Import Purchased Models
  - User Tutorial
- Other Tasks
  - Performance Optimization
  - Code Cleanup
  - Expand Documentation
  - UI Polish
Questions?