



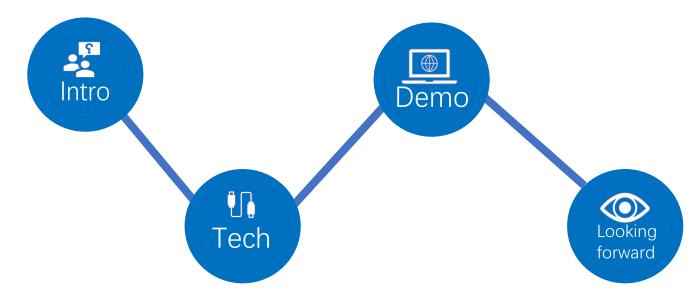
Team THR33 POI Management Al Assistant

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Content







Intro

- A lot of POI (Point of Interest) data can be received from images captured by IDS
- The POI Data will need to be managed effectively
- Why not have a single source of truth- An Interface to manage POI data?
- Why not use Artificial Intelligence to enhance the management process?





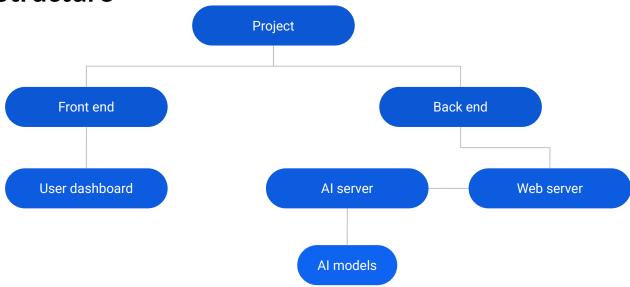
POI Management AI Assistant

- Save time with AI suggestions
 - Potential POIs based on structures in images (Shelves in a Warehouse)
- Seamless Management
 - Create, Update, Delete POIs and Attributes (Material, Color, Installation date)
- Enhanced Summary/Overview of POIs and their current state
 - See the current state of everything at a glance





Project Structure

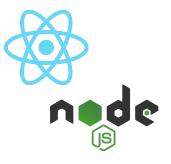






Technologies

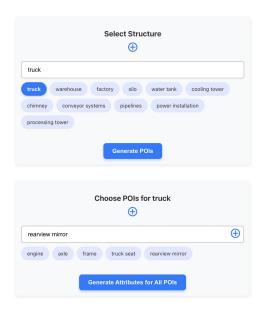
- React.js
- Node.js
- LLM Studio (Provide **APIs** to the AI models)
- Al Models
 - Llama-3.2-1b-instruct
 - o Deepseek-r1-distill-qwen-7b



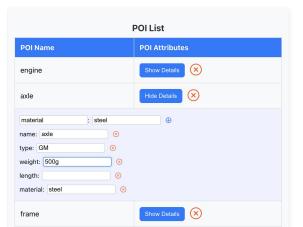




Gallery







truck seat

rearview mirror







Demo

- https://drive.google.com/file/d/1oUiUjgsK5TC6ft1aRjOJQzxsYZ7fm1-t/view?usp=sharing
- Integration API demo (Postman)





Looking Forward

- Enhance POI creation through AI Object detection
- Direct Integration with **KRpano**
- Make the Summary feature more flexible: Tell AI what to focus on







Thank You