

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Composable 3D Model of Factory Floor

The Capstone Experience

Team Magna

Sid Amaranth
Viktor Filipovich
Alex Grundy
Josey Klann
Ben Zuke

Department of Computer Science and Engineering
Michigan State University

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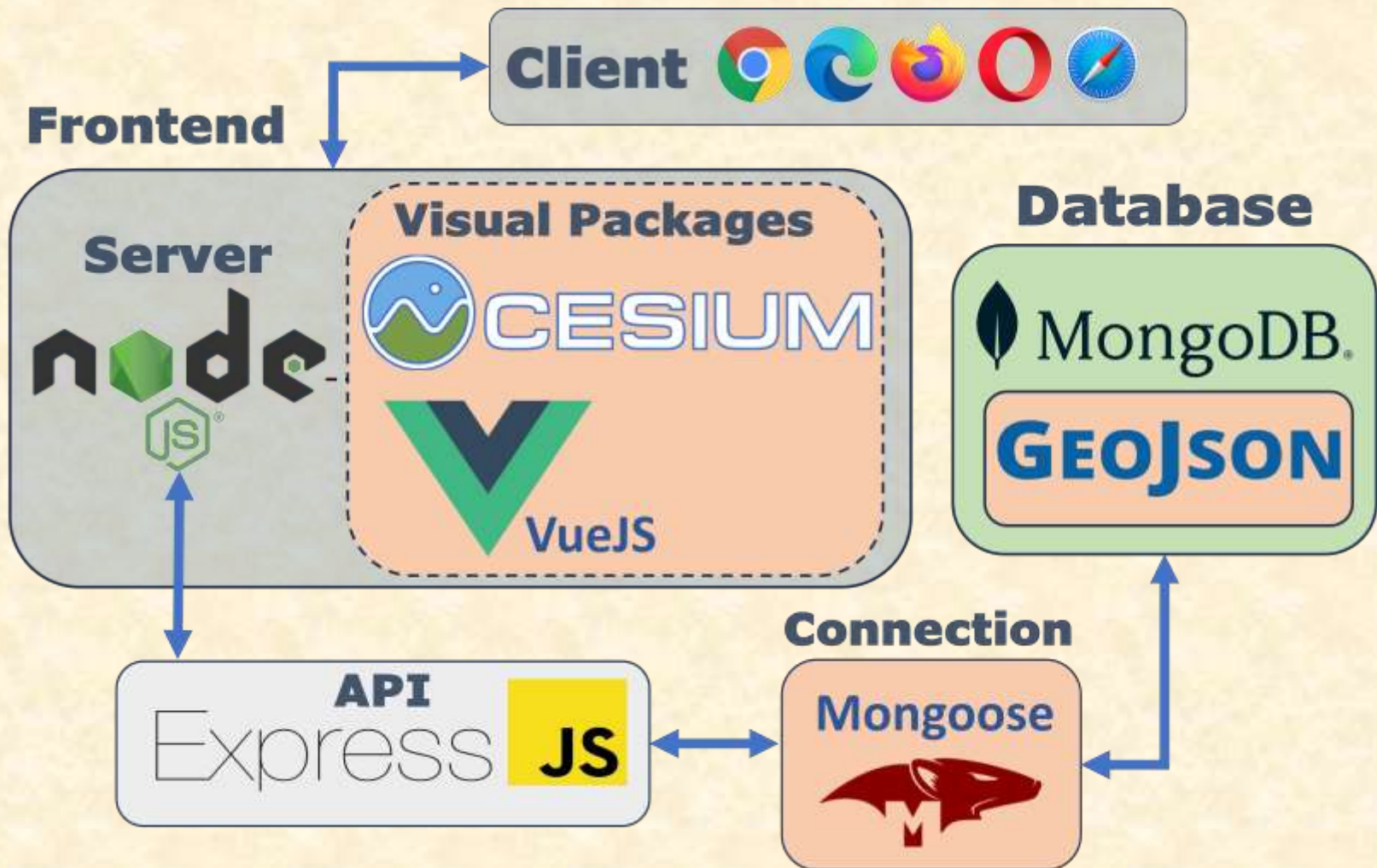
*From Students...
...to Professionals*

Project Overview

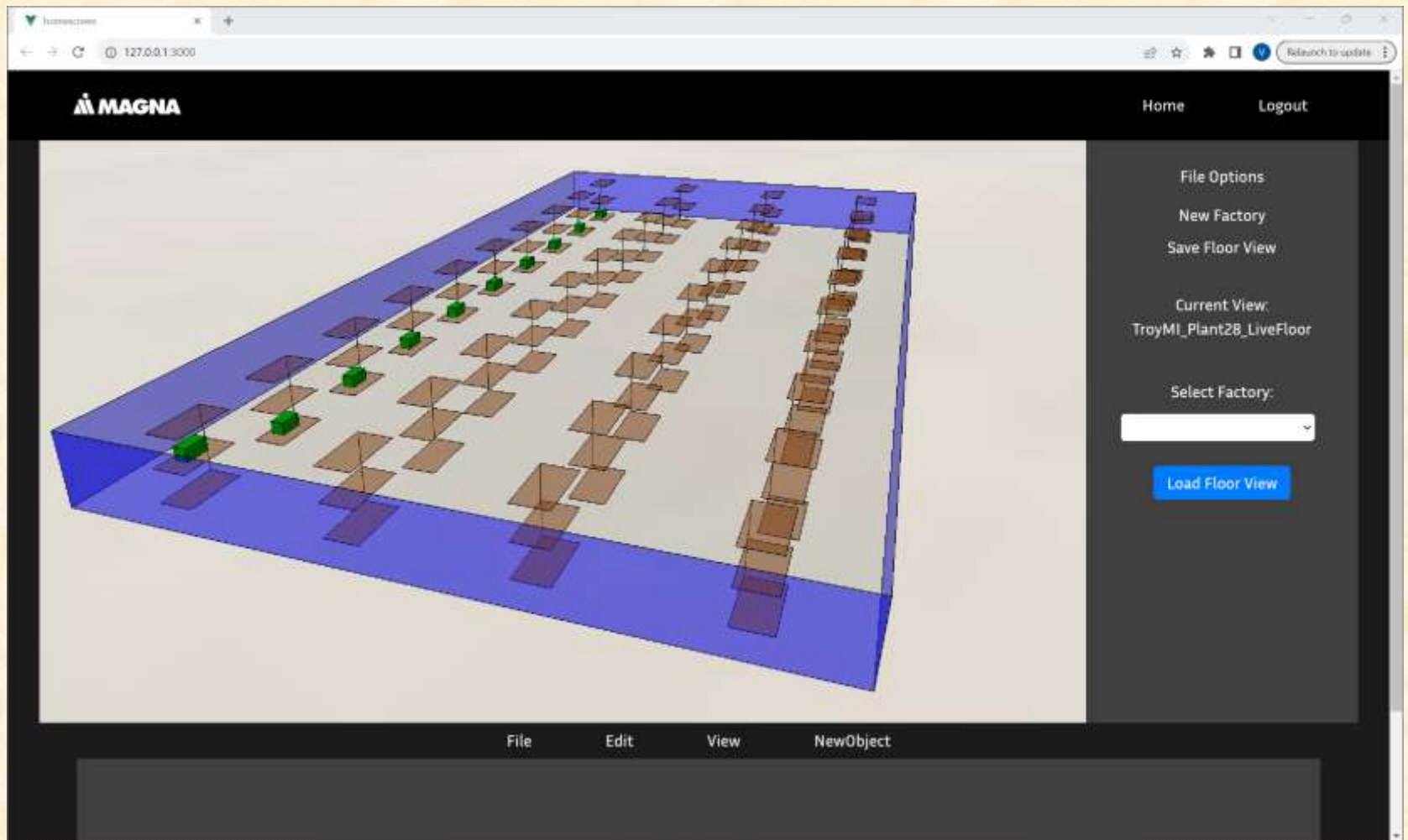
- Improve Efficiency
- Data Driven Digital Twin
- Configurable by Users
- Fixed and Dynamic Assets



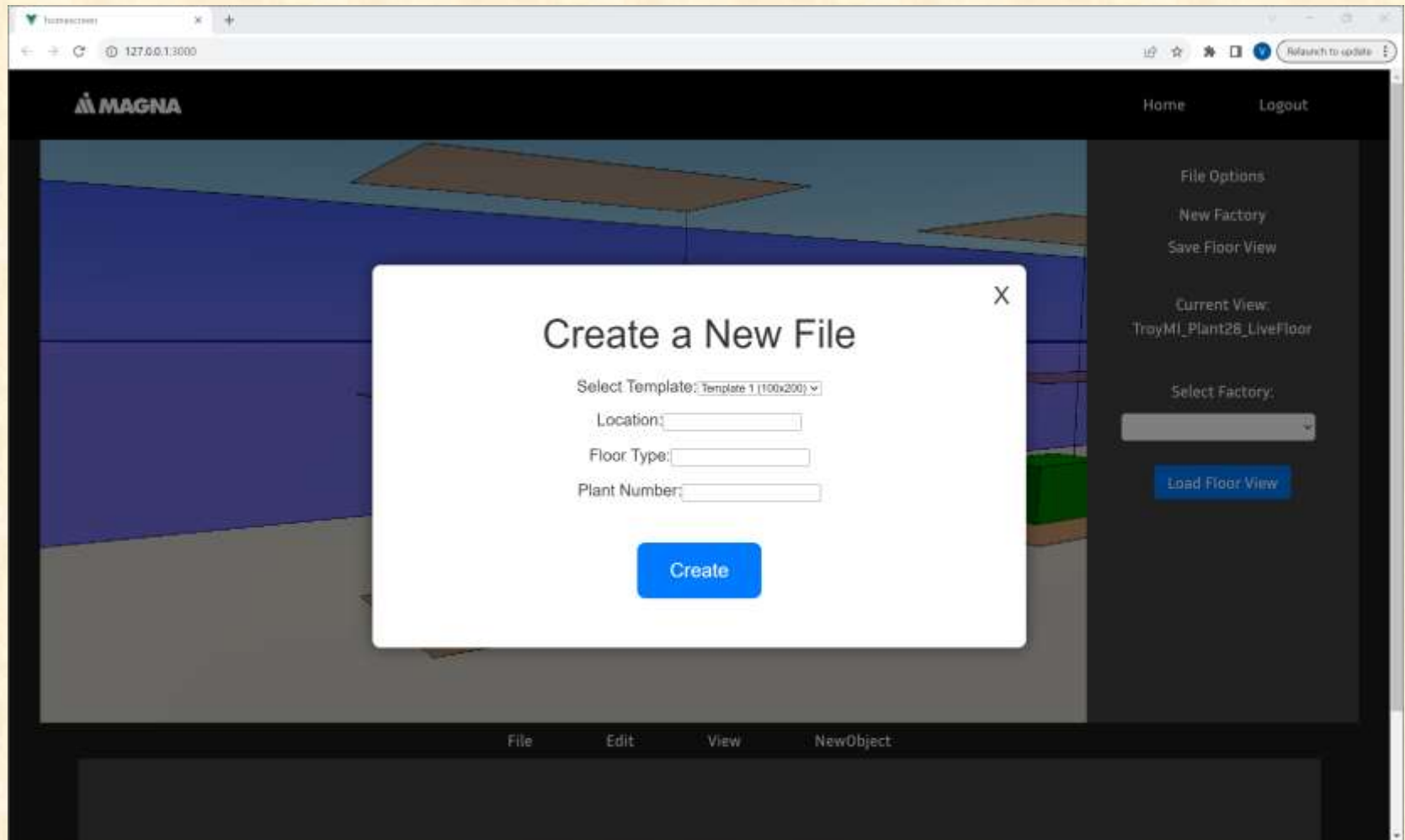
System Architecture



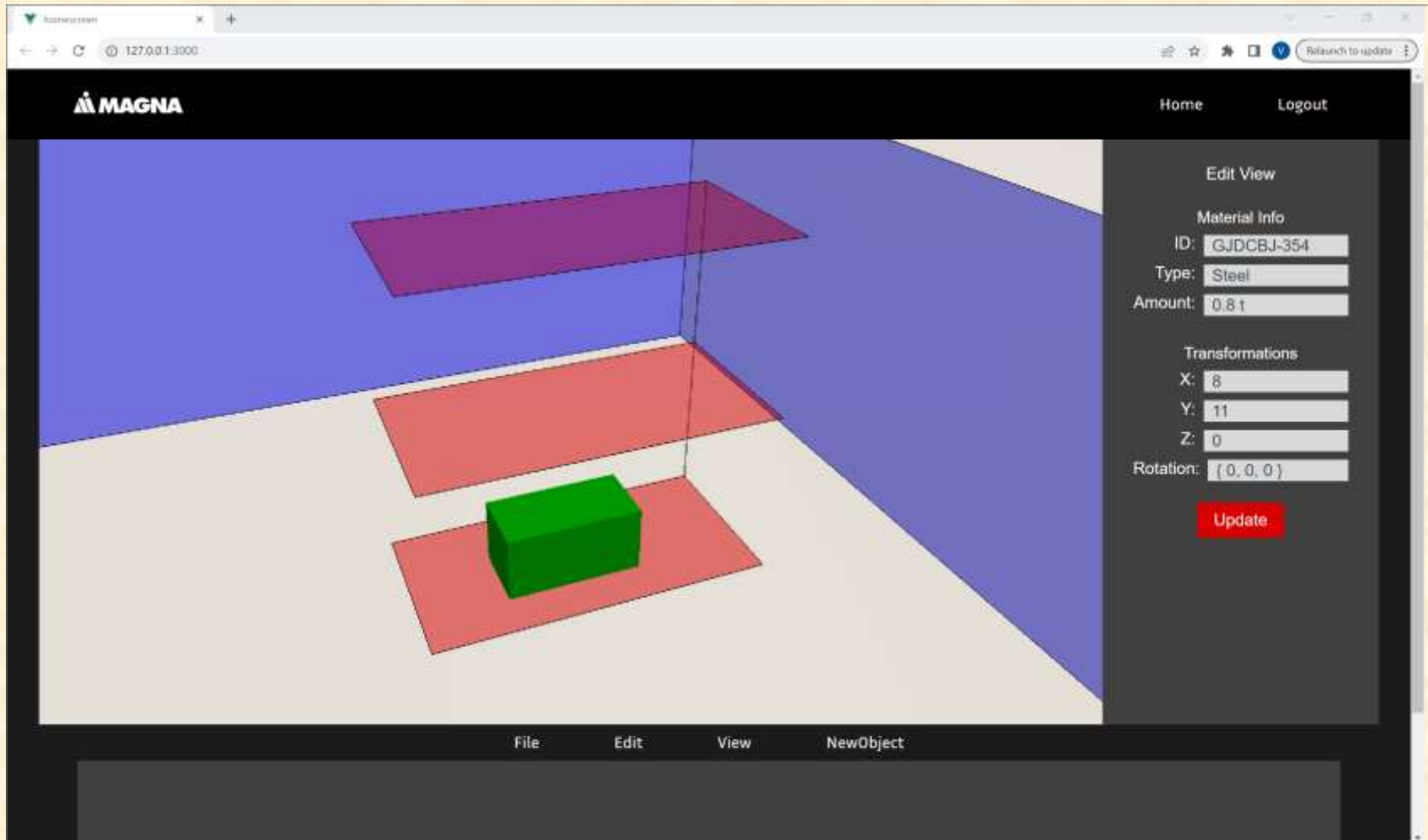
Factory View



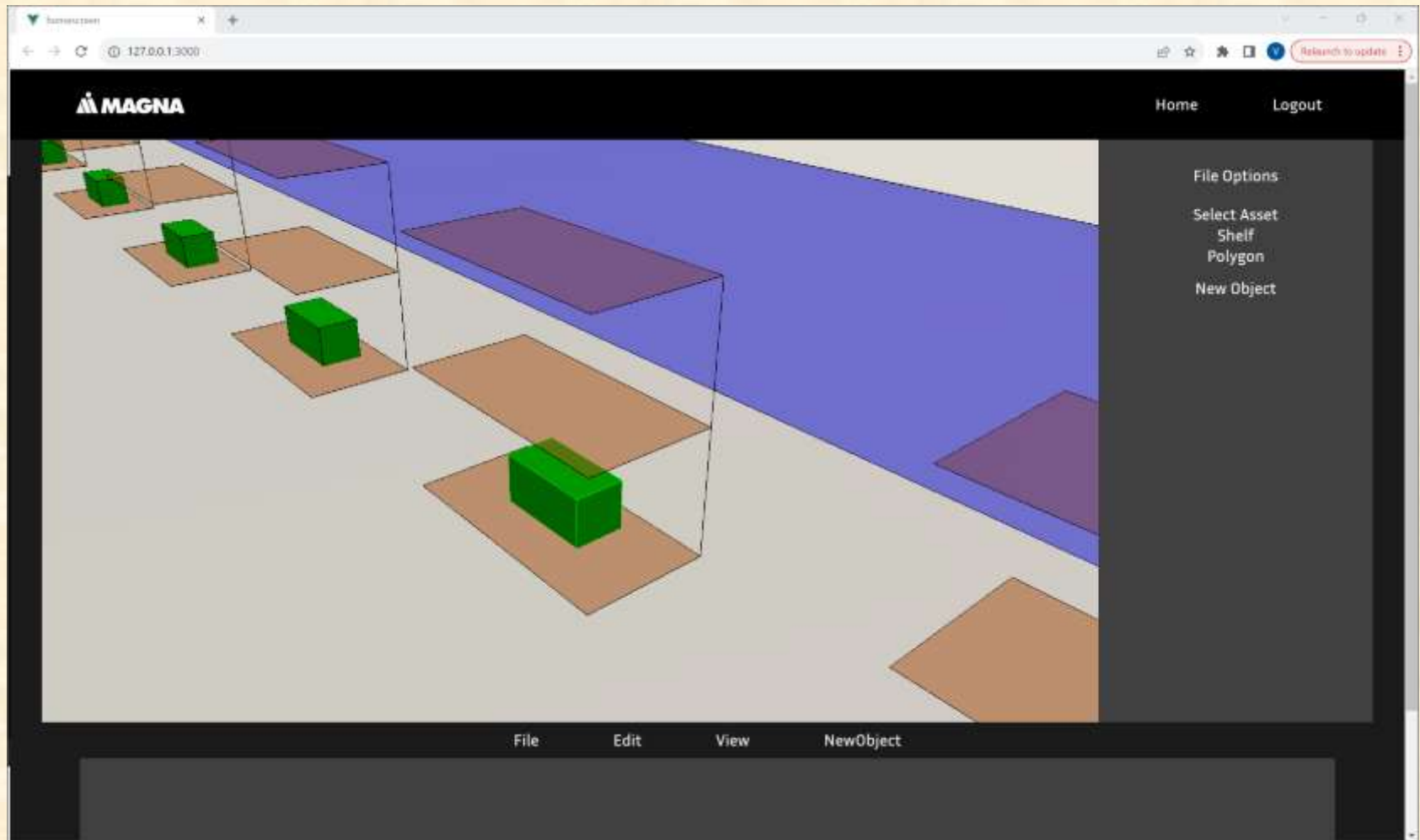
Create a New Factory



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?

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