Distributed Traffic Management

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CPSC 5387 - Distributed Computing
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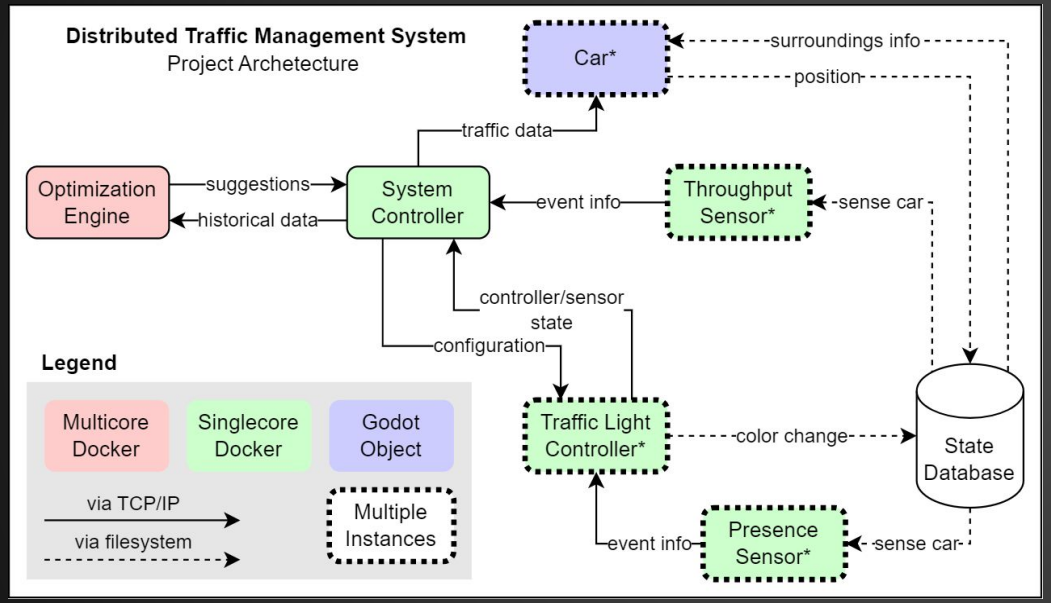
The Plan



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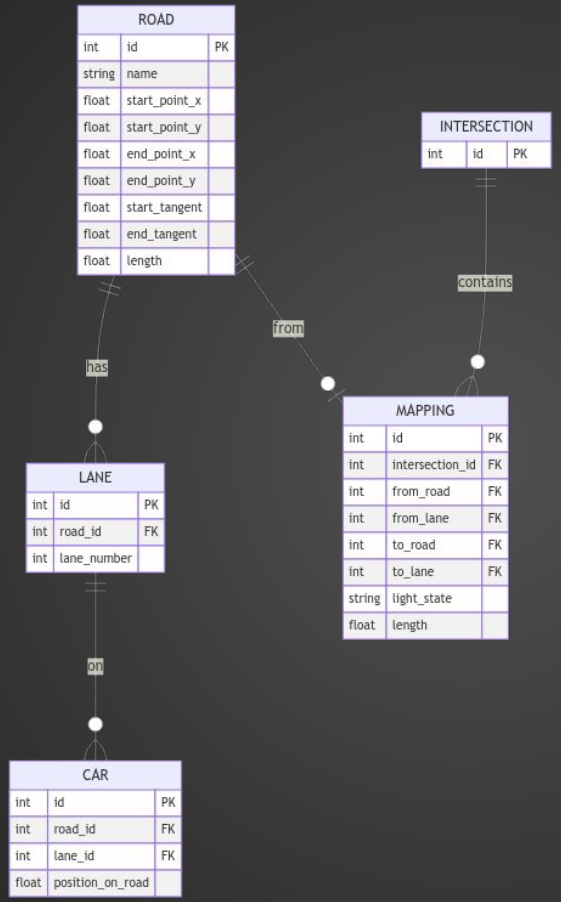
The Plan



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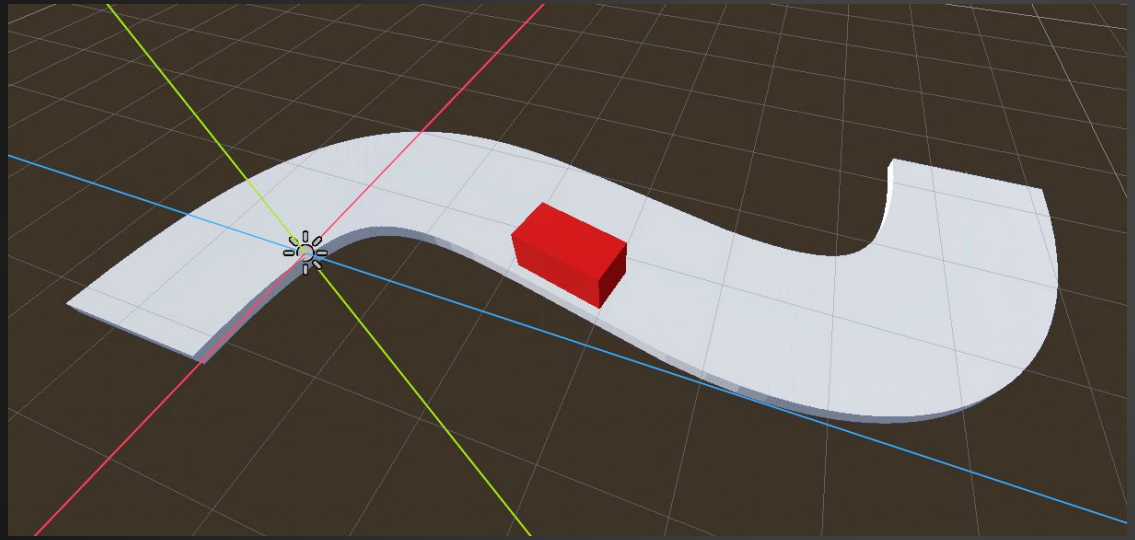
The Plan



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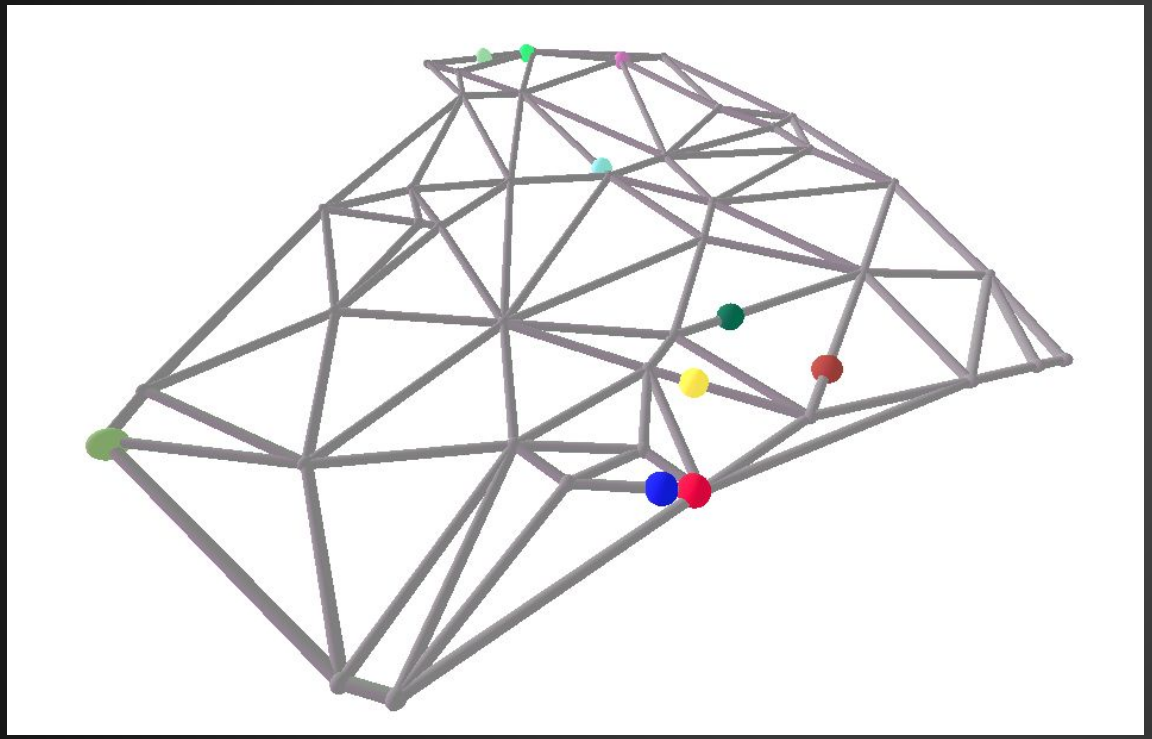
The Issues

- Docker Obfuscation
- Geometry
- Complexity

The Scaled Down Prototype



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The Scaled Down Prototype Features

- API calls
- Multiple processes (could be wrapped in Docker later)
- Each car is responsible for their own path but can get data from global sensors.

Features Missing

- No traffic lights
- No benchmarking on traffic throughput for different light algorithms

Demo