

Welcome

Team Simulus

Project  
Description

Aims

Project  
Organisation

Progress

Demonstration

Questions

# 7CCSMGPR - Traffic Simulation Project

**Team Simulus**

King's College London

*<https://github.com/leorohr/simulus>*

11 February 2015

# Aims (through MoSCoW Analysis)

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- **Must**

- Individual Vehicles
- Vehicle Entrance and Exit
- Vehicle Behaviour
- Statistics - Delay, Average Speed, Distance Travelled
- Traffic Management Policies - traffic signal timing, speed limit, etc

- **Should**

- Emergency Services
- User Maps (Map Editor)

- **Could**

- Save/Load User Maps
- External Map Source e.g. Google Maps

- **Won't**

- Pre-existing Traffic Simulators or Libraries

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- **Working Policy**
  - Cooperation
  - Equality
  - Responsibility
  - Self-Organisation
- **Methodology**
  - Constraint - Time Pressure
  - Iterative and Incremental
  - Emphasis on Feedback
- **Flexible Roles**
  - Research and Designer
  - Developer GUI, Model Implementation
  - Documentation Analyst
- **Collaboration**
  - Meetings, GitHub, Facebook, WhatsApp
- **Peer Assessment and Conflict Resolution**
  - Equal Weighting
  - Voice, Vote, Resolve

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| Date     | Phase                                 |
|----------|---------------------------------------|
| 15/01/15 | Formation & Research                  |
| 23/01/15 | Research                              |
| 30/01/15 | Development Cycle 1                   |
| 06/02/15 | Development Cycle 2                   |
| 13/02/15 | Development Cycle 3                   |
| 20/02/15 | Development Cycle 4                   |
| 27/02/15 | <b>Buffer (Development or Report)</b> |
| 06/03/15 | Report                                |
| 27/03/15 | Submission                            |

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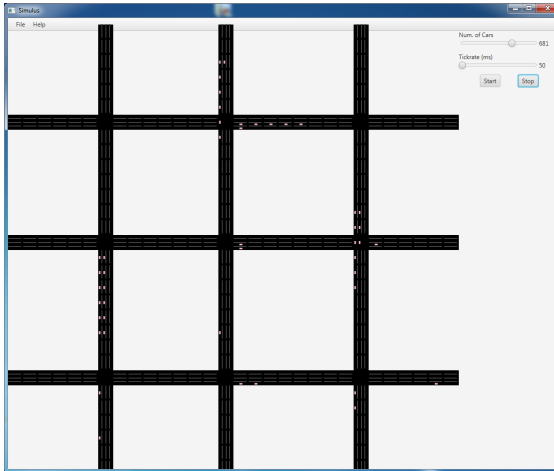
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