

Welcome

Team Simulus

Project
Description

Aims

Project
Organisation

Progress

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 and Equality
- Responsibility
- Self-Organisation

- **Methodology**

- 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	Buffer (Development or Report)
06/03/15	Report
27/03/15	Submission

- Roads, Lanes, Intersections and Traffic Signals Modelled
- Individual Vehicles Modelled
- Vehicle Entrance and Exit
- Vehicle Behaviour (single at present)
- Model-View-Controller(MVC) Skeleton Implemented

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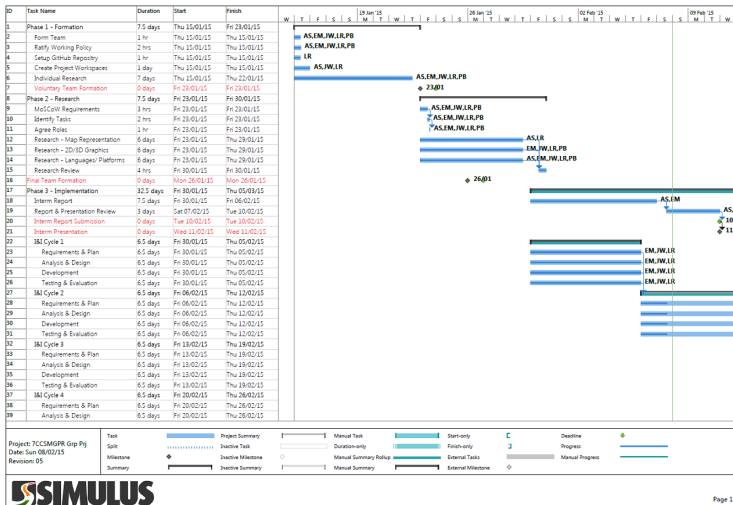
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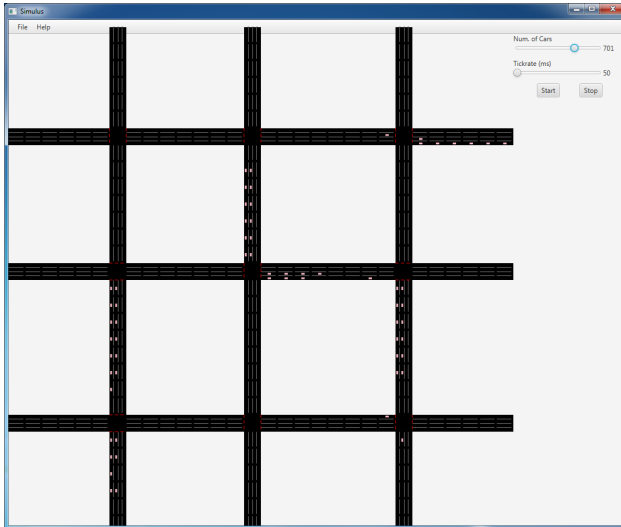
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