7CCSMGPR - Traffic Simulation Project

Team Simulus

King's College London

https://github.com/leorohr/simulus

11 February 2015

- **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

- **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

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

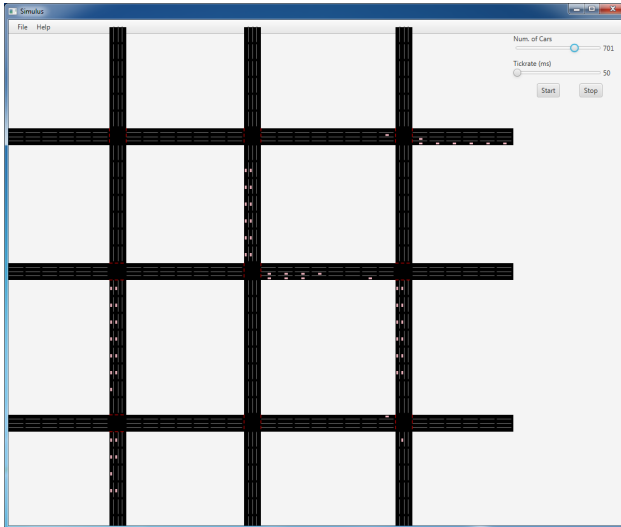# Demonstration

Questions

Welcome

Team Simulus

Project Description
Aims

Project Organisation

Progress

Demonstration

Questions