

Welcome

Team Simulus

Project Description

Aims

Project Prganisatio

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

Should

- Emergency Services
- User Maps

Could

- Save/Load User Maps
- External map source e.g. Google Maps

Won't

Pre-existing Traffic Simulators or platforms



Project Organisation

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Working Policy

- Cooperation
- Equality
- Responsibility
- Self-Organisation

Methodology

- Constraints Time Management
- 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





Progress

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	Task Name	Duration	Start	Finish	w I		19 Jan '15	w + +	26 Jan '25		02 Feb '25	w T F S	09 Feb '15
	Phase 1 - Formation	7.5 days	Thu 15/01/15	Fri 23/01/15				****					4
	Form Team	1 hr	Thu 15/01/15	Thu 15/01/15		AS,EM,	IW,LR,PB						
	Ratify Working Policy	2 hrs	Thu 15/01/15	Thu 15/01/15		AS,EM,	JW,LR,PB						
	Setup GitHub Repositry	1 hr	Thu 15/01/15	Thu 15/01/15		LR							
	Create Project Workspaces	1 day	Thu 15/01/15	Thu 15/01/15		AS,J	W,LR						
	Individual Research	7 days	Thu 15/01/15	Thu 22/01/15				AS,EM,J	W,LR,PB				
	Voluntary Team Formation	0 days	Fri 23/01/15	Fri 23/01/15				⊕ 23,0 0	1				
	Phase 2 - Research	7.5 days	Fri 23/01/15	Fri 30/01/15				_					
	MoSCoW Requirements	3 hrs	Fri 23/01/15	Fri 23/01/15				AS.	EM,JW,LR,PB				
,	Identify Tasks	2 hrs	Fri 23/01/15	Fri 23/01/15				*AS	E,EM,JW,LR,PB				
	Agree Roles	1 hr	Fri 23/01/15	Fri 23/01/15	- 1			TAS	S.EM,JW,LR,PB				
	Research - Map Representation	6 days	Fri 23/01/15	Thu 29/01/15	- 1					AS,LR			
3	Research - 2D/3D Graphics	6 days	Fri 23/01/15	Thu 29/01/15	- 1					EM,JW,L	C.PB		
	Research - Languages/ Platforn		Fri 23/01/15	Thu 29/01/15	-1					AS,EM,JI	V,LR,PB		
5	Research Review	4 hrs	Fri 30/01/15	Fri 30/01/15	-1					+			
5	Final Team Formation	0 days	Mon 26/01/15	Mon 26/01/15	-				→ 26,01				
7	Phase 3 - Implementation	32.5 day	Fri 30/01/15	Thu 05/03/15									_
8	Interm Report	7.5 days	Fri 30/01/15	Fri 06/02/15								AS,	EM
9	Report & Presentation Review	3 days	Sat 07/02/15	Tue 10/02/15								*	
,	Interm Report Submission	0 days	Tue 10/02/15	Tue 10/02/15									
	Interm Presentation	0 days	Wed 11/02/15	Wed 11/02/15									
2	181 Cycle 1	6.5 days	Fri 30/01/15	Thu 05/02/15									
3	Requirements & Plan	6.5 days	Fri 30/01/15	Thu 05/02/15								EM,JW,U	R
	Analysis & Design	6.5 days	Fri 30/01/15	Thu 05/02/15								EM,JW,L	R
5	Development	6.5 days	Fri 30/01/15	Thu 05/02/15	- 1							EM,JW,U	R
5	Testing & Evaluation	6.5 days	Fri 30/01/15	Thu 05/02/15								EM,JW,L	R
,	181 Cycle 2	6.5 days		Thu 12/02/15									
3	Requirements & Plan	6.5 days	Fri 06/02/15	Thu 12/02/15									
,	Analysis & Design	6.5 days	Fri 06/02/15	Thu 12/02/15									
,	Development	6.5 days	Fri 06/02/15	Thu 12/02/15									
ı	Testing & Evaluation	6.5 days	Fri 06/02/15	Thu 12/02/15									
2	18I Cycle 3	6.5 days		Thu 19/02/15	1								
3	Requirements & Plan	6.5 days	Fri 13/02/15	Thu 19/02/15									
4	Analysis & Design	6.5 days	Fri 13/02/15	Thu 19/02/15	1								
5	Development	6.5 days	Fri 13/02/15	Thu 19/02/15									
6	Testing & Evaluation	6.5 days	Fri 13/02/15	Thu 19/02/15	1								
7	181 Cycle 4	6.5 days	Fri 20/02/15	Thu 26/02/15	1								
8	Requirements & Plan	6.5 days	Fri 20/02/15	Thu 26/02/15									
9	Analysis & Design	6.5 days	Fri 20/02/15	Thu 26/02/15									
	Tack			Project Summary	_		Manual Task		Start-only		Deadline		
	ct: 7CCSMGPR Grp Pri			Inactive Task	-	- '	Duration-only		Finish-only	3	Progress	-	
	Sun 08/02/15		•	Inactive Milestone			Manual Summary Rollus		External Tasks	-	Manual Progress		
Revi	sion: 05		_	Inactive Summary	-		Manual Summary Nation		External Milestone		10945		
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Demonstration

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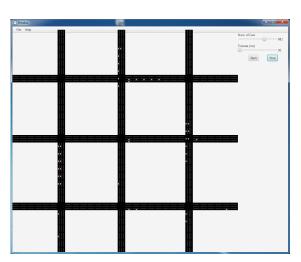
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