## Group 07 Transcript

Control Group, Student Experiment

Person 1 and 2 are female, person 3 is male

	T.
	Recording 77:20
0:00:01.1	Ok
PERSON 1	
0:00:01.6	Record now yeah, otherwise- ok. So first, there are two-
PERSON 2	
0:00:11.3	Yeah yeah yeah for the [inaudible] view I should- I think we should
PERSON 3	include the designing approach. Which means the students to create
	the roads, and the intersections and stuff.
0:00:22.7	Yeah
PERSON 2	
0:00:22.7	And then there's a different module for running the simulations, so
PERSON 3	you have set your simulations, but then you have to run it on the
	design node scenario.
0:00:34.0	Mhm
PERSON 2	
0:00:34.3	So we- I think we should focus on these two different-
PERSON 3	
0:00:39.0	Yeah for the development and-
PERSON 1	
0:00:40.2	For development, what's your [inaudible]
PERSON 3	
0:00:43.9	It isn't obligated, but ok, but it's important
PERSON 1	
0:00:46.2	The idea for context
PERSON 3	
0:00:48.2	Yeah. I have to look into context again. If you don't mind- then
PERSON 1	there's this void of quietness
0:01:30.2	Do we have to tell that we look things up as well?
PERSON 2	
0:01:33.2	Yes we can use the internet, it's
PERSON 3	
0:01:35.2	Yeah

PERSON 1	
0:01:35.4	Because- ok. No, I'm just using the book actually
PERSON 2	
0:01:38.3	Yeah the book also
PERSON 3	
0:01:41.1	Ok
PERSON 2	
0:01:42.3	Yes, use the book
PERSON 3	
0:01:50.3	Ok maybe we have to start just, yeah, the requirements
PERSON 1	
0:01:50.3	Yeah ok
PERSON 2	
0:01:55.7	Ok. Are you gonna highlight it.
PERSON 3	
0:02:00.0	Yeah
PERSON 2	
0:02:00.9	Requirements
PERSON 3	
0:02:03.6	Ok
PERSON 2	
0:02:08.7	And the constraints
PERSON 3	
0:02:10.3	Yeah
PERSON 1	
0:02:13.5	Ok but the constraints are part of perspectives, right? So, that's not
PERSON 2	really
0:02:19.5	No, constraints in the requirements
PERSON 1	
0:02:23.1	You cannot have, for example, the allotment view
PERSON 3	
0:02:25.9	Ok
PERSON 2	
0:02:25.9	Yeah. Like, requirements, will they- what needs to be in there and
PERSON 1	constraints, what's not need
0:02:36.1	Ok
PERSON 2	

0:02:43.5 PERSON 2 0:02:43.7 PERSON 2 0:02:55.4 PERSON 1 0:03:02.4 PERSON 2 0:03:54.6 PERSON 1 0:03:54.6 PERSON 2 0:04:09.6 PERSON 2 0:04:13.0 PERSON 2 0:04:13.0 PERSON 3 0:04:13.0 PERSON 3 0:04:13.0 PERSON 3 0:04:56.4 PERSON 1 0:03:58.1 PERSON 2 0:05:01.2 PERSON 2 DIVIDING What's meant by accommodate left hand-PERSON 1 0:04:50.5 PERSON 1 0:04:50.6 PERSON 1 0:05:10.7 PERSON 1 0:05:10.7 PERSON 2 0:05:10.1 By left hand green arrow lights. Is that like, the lights have to have an arrow goes straight-Veah person sight, then the left traffic light-PERSON 3 0:05:19.5 The other goes left, the other goes right, then the left traffic light-PERSON 3 0:05:19.5 The other goes left, the other goes right, then the left traffic light-		
0:02:43.7 PERSON 2 0:02:55.4 PERSON 1 0:03:02.4 PERSON 2 No. yeah ok, I know, but I thought that was a non-functional thing. And they haven't mentioned that we have to take that into account ok. But it's convenient, but still it's part of perspectives I think. We can just- so it should accommodate at least six intersections.  0:03:58.1 PERSON 2 PERSON 3 PERSON 2 0:04:09.6 PERSON 3 0:04:13.0 PERSON 2 0:04:20.0 PERSON 3 0:04:20.0 PERSON 3 0:04:20.4 PERSON 3 0:04:20.4 PERSON 2 0:04:56.4 PERSON 1 0:04:59.5 PERSON 1 0:05:00.7 PERSON 2 0:05:01.2 By left hand green arrow lights. Is that like, the lights have to have an arrow agoes straight- 0:05:18.9 PERSON 2 0:05:18.9 PERSON 3 PERSON 2 0:05:18.9 PERSON 3	0:02:41.5	So first we need to [inaudible] on this
PERSON 2  0:02:55.4 PERSON 1  0:03:02.4 PERSON 2  And they haven't mentioned that we have to take that into account ok. But it's convenient, but still it's part of perspectives I think. We can just- so it should accommodate at least six intersections.  0:03:54.6 PERSON 2  0:03:58.1 PERSON 2  0:04:09.6 PERSON 3  0:04:13.0 PERSON 3  0:04:20.0 PERSON 3  0:04:20.0 PERSON 3  0:04:56.4 PERSON 2  0:04:56.4 PERSON 2  0:05:00.0 PERSON 1  0:05:00.0 PERSON 1  0:05:00.7 PERSON 1  0:05:01.2 PERSON 2  0:05:01.2 PERSON 1  0:05:11.4 PERSON 2  0:05:11.4 PERSON 2  0:05:11.4 PERSON 2  0:05:11.4 PERSON 2  0:05:11.8 PERSON 2  0:05:11.9 PERSON 3 PERSON 3  PERSON 3  PERSON 4 PERSON 5  PERSON 1  0:05:11.4 PERSON 1 PERSON 1 PERSON 2 PERSON 2 PERSON 2 PERSON 1 PERSON 2 PERSON 1 PERSON 1 PERSON 2 PERSON 2 PERSON 1 PERSON 2 PERSON 1 PERSON 1 PERSON 2 PERSON 2 PERSON 1 PERSON 2 PERSON 2 PERSON 3 PERSON 2 PERSON 1 PERSON 3 PERSON 3 PERSON 3 PERSON 3 PERSON 4 PERSON 5 PERSON 6 PERSON 9 PERSON 1 PERSON 1 PERSON 1 PERSON 1 PERSON 1 PERSON 2 PERSON 3		Ok but week ek
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O:03:58.1 Yeah. And what do they mean with different arrangements of intersections.  O:04:09.6 Cause I think it only allows this kind of intersection  PERSON 3  O:04:13.0 Yeah, not a T. So only- and also not one way roads.  PERSON 2  O:04:20.0 Yeah  PERSON 3  O:04:20.4 PERSON 2  O:04:56.4 What's meant by accommodate left hand- PERSON 1  O:04:59.5 PERSON 2  O:05:00.0 Turns- PERSON 1  O:05:00.7 I was at the same- PERSON 2  O:05:01.2 By left hand green arrow lights. Is that like, the lights have to have an arrow  O:05:12.4 Yeah I think they mean, if you want to- you have three roads and one goes straight- O:05:18.9 PERSON 3		Yeah. And also of varying length
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PERSON 1 arrow  0:05:12.4 Yeah I think they mean, if you want to- you have three roads and one goes straight-  0:05:18.9 Yeah  PERSON 3	PERSON 2	
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0:05:18.9 Yeah PERSON 3	PERSON 2	goes straight-
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0:05:19.5 The other goes left, the other goes right, then the left traffic light-	PERSON 3	
	0:05:19.5	The other goes left, the other goes right, then the left traffic light-

PERSON 2	
0:05:24.5	Automatically he green or red
PERSON 3	Automatically be green or red
0:05:26.2	Yeah and then the arrows
PERSON 2	Tean and then the arrows
0:05:28.1	Oh ok. Yeah. Individual scenes. Ok.
PERSON 1	Off OK. Feati. Individual scenes. Ok.
0:06:14.8	Ok so, it doesn't have any other signs then, just the traffic lights.
PERSON 2	Ok so, it doesn't have any other signs then, just the traine lights.
0:06:18.7	Yeah
PERSON 1	Tean
0:06:19.5	Ok
PERSON 2	
0:06:20.4	I think And like A P and C that's sub requirement from what from
	I think. And like, A, B and C, that's sub requirement from what- from
PERSON 1	the left turn's project by left hand arrow traffic lights. Or not?
0:06:41.5	I think I have an idea for information view
PERSON 3	
0:06:50.3	What notation are we gonna use
PERSON 2	Labia
0:06:52.8 PERSON 3	I think for information view we can use petri net?
0:06:56.2	Yeah
PERSON 1	Yeari
	And for-
0:06:57.7	And for-
PERSON 3	Voob ok but a notisi not is instance process. Decrease the Vandach te
0:06:58.6 PERSON 2	Yeah ok but a petri net is just one process. Because that's what he told-
0:06:58.6	
PERSON 1	But I think, yeah
	In class he said like you can have
0:07:05.5 PERSON 2	In class he said like you can have-
0:07:05.9	Voah hut for example, you can take decisions into a natri not for
PERSON 3	Yeah but for example, you can take decisions into a petri net, for
	example
0:07:10.0	No
PERSON 2	There are two ways of for everyla designing a second Vey sec
0:07:10.0	There are two ways of, for example, designing a scenario. You can
PERSON 3	use a static scenario, which means you're not including automatic

	sensors-
0:07:23.4	Yeah
PERSON 2	
0:07:23.4	So the simulation is a static, because it doesn't change, the way the
PERSON 3	signal turn from green to red. But when you add sensors on that
	scenario you turn it into dynamic simulation. So, for example, there's
	two types of simulations,
0:07:43.9	Ok
PERSON 2	
0:07:44.5	And on the-
PERSON 3	
0:07:46.4	But is that information flow
PERSON 1	
0:07:48.2	Yeah, don't [inaudible] I'm just wondering
PERSON 3	
0:07:50.0	Yeah, maybe information flow is on a higher level or-
PERSON 1	
0:07:55.6	So-
PERSON 3	
0:07:56.0	Yeah, maybe it is more like functional-
PERSON 2	
0:07:57.7	Yeah
PERSON 1	
0:07:58.4	Yeah functional
PERSON 3	
0:07:58.4	I think this one is at- too functional. Maybe we can start with context
PERSON 1	and then information
0:08:04.9	Ok so-
PERSON 3	
0:08:06.9	Because the information flow is, like, what is the information in the
PERSON 1	software, how do you say it, [inaudible] with these students. What's
	the system, what's the income, what's the outcome. That kind of information flow.
0:08:27.7	Mhm. The context is like how the different worlds interacts with the
PERSON 3	system?
0:08:34.9	Yeah
PERSON 1	

0:08:35.4	Yeah
PERSON 2	
0:08:39.6	So there's not that much information about it so
PERSON 1	
0:08:46.3	But what- yeah ok
PERSON 2	
0:08:47.6	It's like the professor at the UCI, university, I don't know, something.
PERSON 1	
0:08:55.5	Yeah. Ok, students, let me see.
PERSON 2	
0:09:04.5	Well, students [inaudible] students who just complete their basic
PERSON 1	computer science or software engineer undergraduate degree. So
	that's, well- shall I just- stakeholder?
0:09:28.4	Yeah sure
PERSON 2	
0:09:31.5	Ok, professor. Cause it's kind of system with an educational goal
PERSON 1	
0:10:07.0	Mhm
PERSON 3	
0:10:08.0	So that's also something we have to include in context. Ok. We know
PERSON 1	more stakeholders than the three I mentioned?
0:10:42.5	Students, professors-
PERSON 3	
0:10:44.5	And the university
PERSON 1	
0:10:44.9	University yeah
PERSON 2	
0:10:55.2	Maybe developers or
PERSON 1	
0:11:00.8	Development team, I don't know. Because that's- in this context it
PERSON 2	looks like she's gonna make the software
0:11:34.7	Yeah
PERSON 1	
0:11:35.3	But yeah, if she wants to try that out. Ok
PERSON 2	
0:12:00.6	Ok, I don't think we have to think too difficult
PERSON 1	

2.12.21.2	
0:12:04.3	No
PERSON 2	
0:12:04.7	Can just draw
PERSON 1	
0:12:05.3	And also it states here that the context view of a system defines the
PERSON 2	relationships, dependencies and interactions between the system
	and the environment. So we have the stakeholders, and the system is
	then the-
0:12:17.4	The environment is university
PERSON 1	
0:12:19.0	Yeah
PERSON 2	
0:12:21.2	So-
PERSON 1	
0:12:21.9	That's true
PERSON 2	
0:12:23.3	Like educational environment
PERSON 1	
0:12:27.3	You should design the basic appearance of the program as well, as
PERSON 3	the means by which the user creates-
0:12:39.4	Ok let's draw [inaudible] we're in
PERSON 1	
0:12:42.2	Hello
Instructor	
0:12:42.5	Hi
All	
0:12:42.5	Sorry to interrupt. I wanted to ask, do you understand the
Instructor	assignment [inaudible] and were you missing something?
0:12:47.3	No
PERSON 1	
0:12:50.2	No?
Instructor	
0:12:50.2	I think it's clear
PERSON 2	
0:12:51.2	Yeah
PERSON 1	
0:12:51.7	Ok, don't forget to do the discussion in English, and don't forget to

Instructor record, I think you alr 0:12:55.5 Yeah PERSON 2	eady started
	·
I DEDCON 2	
0:12:56.8 Just one question, you	u mean the 45 minutes for the- make the
PERSON 3 documentation. It wil	I be here or in the classroom I guess
0:13:05.0 Oh no it will be where	e you are, so after two hours, you know you
Instructor should stop and- will	be coming by in a bit
0:13:05.0 Start the documentat	ion? By recording, still recording
PERSON 3	
0:13:13.2 No you don't have to	record the documentation
Instructor	
0:13:14.9 Oh ok	
PERSON 2	
0:13:15.8 You finish your design	n session and then you do the documentation.
Instructor So it's like a separate	step
0:13:20.1 Ok	
PERSON 3	
0:13:20.2 Ok, yeah. Thanks	
PERSON 2	
0:13:21.7 Thanks. Ok that's coo	l.
PERSON 1	
0:13:40.4 Ok	
PERSON 2	
0:13:43.6 Ok	
PERSON 1	
0:13:43.8 That's the system?	
PERSON 2	
0:13:45.6 Yeah	
PERSON 1	
0:13:46.6 Yeah	<del></del>
PERSON 2	
0:13:47.7 What's the name of the	he system. I mean, what kind of system, how do
PERSON 1   we call it.	
0:13:52.9 Let's just call it systen	n for now
PERSON 2	
0:13:54.9 Ok	
PERSON 1	

0:13:56.2 PERSON 2 0:13:59.4 PERSON 1 0:14:02.1 PERSON 2 0:14:03.9 PERSON 1 0:14:13.1 We have to add something PERSON 1 0:14:17.4 Idon't know how to add this professor into the context view. PERSON 2 0:14:13.1 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So- 0:14:31.2 PERSON 1 0:14:40.8 PERSON 1 0:14:40.8 PERSON 2 0:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing 0:14:40.8 PERSON 1 0:14:40.8 PERSON 2 0:14:40.8 PERSON 2 0:14:40.8 PERSON 2 0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- 0:14:59.5 PERSON 2 0:14:59.5 PERSON 2 0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 0:15:08.5 PERSON 3 0:15:08.8 And there's a system		
0:13:59.4 PERSON 1 0:14:02.1 Person 2 0:14:03.9 Ok PERSON 2 0:14:06.8 PERSON 2 0:14:13.1 PERSON 3 0:14:17.4 I don't know how to add this professor into the context view. PERSON 3 0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So-0:14:31.2 PERSON 1 0:14:40.8 PERSON 1 0:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something 0:14:40.8 PERSON 2 0:14:49.5 PERSON 2 0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own-0:14:59.5 PERSON 3 0:15:01.4 Refers to it or-PERSON 1 0:15:08.5 PERSON 3	0:13:56.2	Or we can make up our own later
PERSON 1 0:14:02.1 PERSON 2 0:14:03.9 PERSON 2 0:14:06.8 PERSON 2 0:14:13.1 PERSON 1 0:14:17.4 PERSON 3 0:14:21.7 PERSON 2 0:14:31.1 PERSON 3 0:14:21.7 PERSON 1 0:14:42.17 PERSON 2 0:14:42.17 PERSON 3 0:14:42.17 PERSON 3 0:14:42.17 PERSON 3 0:14:42.17 PERSON 4 0:14:42.17 PERSON 5 0:14:31.2 PERSON 1 0:14:40.8 PERSON 1 0:14:40.8 PERSON 2 0:14:40.8 PERSON 2 0:14:50.6 PERSON 3 0:14:49.5 PERSON 3 0:14:50.6 PERSON 4 PERSON 5 PERSON 6 PERSON 7 0:14:59.9 PERSON 8 PERSON 1 0:15:01.4 PERSON 9 PERSON 1 0:15:01.4 PERSON 1 PERSON 1 PERSON 2 0:14:59.9 PERSON 3 PERSON 3 0:15:01.4 PERSON 1 PERSON 1 PERSON 2 PERSON 3 PERSON 3 PERSON 3 PERSON 3 PERSON 3 PERSON 4 PERSON 5 PERSON 6 PERSON 1 PERSON 6 PERSON 1 PERSON 7 PERSON 9 PERSON 1 PERSON 1 PERSON 1 PERSON 1 PERSON 1 PERSON 2 PERSON 3 PERSON 1 PERSON 3 PERSON 1 PERSON 3 PERSON 1 PERSON 3 PERSON 4 PERSON 5 PERSON 1 PERSON 5 PERSON 1 PERSON 6 PERSON 1 PERSON 7 PERSON 9 PERSON 1 PERSON 9 PERSON 1 PERSON 1 PERSON 9 PER	PERSON 2	
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PERSON 2 0:14:03.9 PERSON 1 0:14:06.8 PERSON 2 0:14:13.1 PERSON 3 0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So-0:14:31.2 PERSON 1 0:14:31.2 PERSON 2 0:14:31.2 PERSON 3 0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So-0:14:31.2 PERSON 1 0:14:40.8 PERSON 2 0:14:40.8 PERSON 2 0:14:48.8 PERSON 2 0:14:48.8 PERSON 2 0:14:50.6 PERSON 3 0:14:50.6 PERSON 3 0:14:59.5 PERSON 2 0:14:59.5 PERSON 2 0:14:59.5 PERSON 2 0:14:59.6 PERSON 3 0:15:01.4 Refers to it or-PERSON 2 0:15:04.0 PERSON 1 0:15:08.5 PERSON 1 0:15:08.5 PERSON 3 PERSON 3 PERSON 1	PERSON 1	
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PERSON 1  0:14:06.8 PERSON 2  0:14:13.1 PERSON 1  0:14:17.4 PERSON 3  0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So-0:14:31.2 PERSON 1  0:14:41.2 PERSON 2  0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So-0:14:31.2 PERSON 1  0:14:40.8 PERSON 2  0:14:40.8 PERSON 2  0:14:48.8 PERSON 1  0:14:49.5 PERSON 3  0:14:50.6 PERSON 3  0:14:59.5 PERSON 3  0:14:59.9 PERSON 3  0:15:01.4 Refers to it or- PERSON 1  0:15:08.5 PERSON 1  0:15:08.5 PERSON 3  OHaybe you have just, with professors and not professor E, because PERSON 1  0:15:08.5 PERSON 3  OHaybe you have just, with professors and not professor E, because PERSON 3  OHaybe you have just, with professors and not professor E, because PERSON 3  OHAYBE A STAN SHOW SHOW SHOW SHOW SHOW SHOW SHOW SHOW	PERSON 2	
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PERSON 1  0:14:17.4 PERSON 3  0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So- 0:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing 0:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something 0:14:48.8 PERSON 1  0:14:49.5 PERSON 2  0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- 0:14:59.5 PERSON 2  0:14:59.9 PERSON 3  0:15:01.4 Refers to it or- PERSON 2  0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1  0:15:08.5 PERSON 3	PERSON 2	
O:14:17.4 PERSON 3  O:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So- O:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing O:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something O:14:48.8 Yeah PERSON 1  O:14:49.5 Yeah PERSON 2  O:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- O:14:59.5 Yeah or she- PERSON 3  O:15:01.4 Refers to it or- PERSON 2  O:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1  O:15:08.5 Yeah yeah	0:14:13.1	We have to add something
PERSON 3  0:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So- 0:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing 0:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something 0:14:48.8 Yeah PERSON 1 0:14:49.5 Yeah PERSON 2 0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- 0:14:59.5 Yeah or she- PERSON 3 0:15:01.4 Refers to it or- PERSON 2 0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 0:15:08.5 Yeah yeah PERSON 3	PERSON 1	
O:14:21.7 No because it doesn't do anything actually, it just provides the system but it doesn't say if it creates the system of anything. So- O:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing O:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something O:14:48.8 PERSON 1 O:14:49.5 Yeah PERSON 2 O:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- O:14:59.5 Yeah or she- PERSON 2 O:14:59.9 Simulations PERSON 3 O:15:01.4 Refers to it or- PERSON 2 O:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 O:15:08.5 Yeah yeah	0:14:17.4	I don't know how to add this professor into the context view.
PERSON 2 system but it doesn't say if it creates the system of anything. So- 0:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing 0:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something 0:14:48.8 PERSON 1 0:14:49.5 Yeah PERSON 2 0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- 0:14:59.5 Yeah or she- PERSON 2 0:14:59.9 Simulations PERSON 3 0:15:01.4 Refers to it or- PERSON 2 0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 3 0:15:08.5 Yeah yeah	PERSON 3	
O:14:31.2 Let's see- she uses the system to explain her lectures about traffic problem thing O:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something O:14:48.8 PERSON 1 O:14:49.5 Yeah PERSON 2 O:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- O:14:59.5 Yeah or she- PERSON 2 O:14:59.9 Simulations PERSON 3 O:15:01.4 Refers to it or- PERSON 2 O:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 O:15:08.5 Yeah yeah PERSON 3	0:14:21.7	No because it doesn't do anything actually, it just provides the
PERSON 1 problem thing  0:14:40.8 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something  0:14:48.8 PERSON 1  0:14:49.5 Yeah  PERSON 2  0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own-  0:14:59.5 Yeah or she-  PERSON 2  0:14:59.9 Simulations  PERSON 3  0:15:01.4 Refers to it or-  PERSON 2  0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1  0:15:08.5 Yeah yeah  PERSON 3	PERSON 2	system but it doesn't say if it creates the system of anything. So-
O:14:40.8 PERSON 2 Oh, so it's additional to her lecture too. Explain the topic better. Oh yeah, that's true because the topic was too abstract or something O:14:48.8 PERSON 1 O:14:49.5 PERSON 2 O:14:50.6 PERSON 3 O:14:59.5 PERSON 2 O:14:59.9 PERSON 3 O:15:01.4 PERSON 3 O:15:01.4 PERSON 2 O:15:04.0 PERSON 1 O:15:08.5 PERSON 3 PERSON 3 O:15:08.5 PERSON 3 PERSON 3 O:15:08.5 PERSON 3	0:14:31.2	Let's see- she uses the system to explain her lectures about traffic
PERSON 2 yeah, that's true because the topic was too abstract or something  0:14:48.8 PERSON 1  0:14:49.5 Yeah  PERSON 2  0:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own-  0:14:59.5 Yeah or she-  PERSON 2  0:14:59.9 Simulations  PERSON 3  0:15:01.4 PERSON 2  0:15:04.0 Maybe you have just, with professors and not professor E, because  PERSON 1  0:15:08.5 Yeah yeah  PERSON 3	PERSON 1	problem thing
O:14:48.8 PERSON 1 O:14:49.5 PERSON 2 O:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- O:14:59.5 PERSON 2 O:14:59.9 PERSON 3 O:15:01.4 PERSON 2 O:15:04.0 PERSON 1 O:15:08.5 PERSON 3 PERSON 3 PERSON 1	0:14:40.8	Oh, so it's additional to her lecture too. Explain the topic better. Oh
PERSON 1  0:14:49.5 PERSON 2  0:14:50.6 PERSON 3 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- 0:14:59.5 PERSON 2  0:14:59.9 PERSON 3  0:15:01.4 PERSON 2  0:15:04.0 PERSON 1  0:15:08.5 PERSON 3  Yeah yeah PERSON 3	PERSON 2	yeah, that's true because the topic was too abstract or something
0:14:49.5 PERSON 2 0:14:50.6 PERSON 3 0:14:59.5 PERSON 2 0:14:59.9 PERSON 3 0:15:01.4 PERSON 2 0:15:04.0 PERSON 1 0:15:08.5 PERSON 3  Yeah PERSON 3 PERSON 3  Yeah or she- PERSON 2  O:15:04.0 PERSON 1	0:14:48.8	Yeah
O:14:50.6 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- O:14:59.5 Yeah or she- PERSON 2 O:14:59.9 Simulations PERSON 3 O:15:01.4 Refers to it or- PERSON 2 O:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 O:15:08.5 Yeah yeah PERSON 3	PERSON 1	
O:14:50.6 PERSON 3 So maybe, for example, the professor can create, redefine it's scenarios and the students can rely on it for testing their own- O:14:59.5 PERSON 2 O:14:59.9 PERSON 3 O:15:01.4 PERSON 2 O:15:04.0 PERSON 1 O:15:08.5 PERSON 3 PERSON 3	0:14:49.5	Yeah
PERSON 3 scenarios and the students can rely on it for testing their own- 0:14:59.5 Yeah or she- PERSON 2 0:14:59.9 Simulations PERSON 3 0:15:01.4 Refers to it or- PERSON 2 0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 0:15:08.5 Yeah yeah PERSON 3	PERSON 2	
O:14:59.5 Yeah or she- PERSON 2 O:14:59.9 Simulations PERSON 3 O:15:01.4 Refers to it or- PERSON 2 O:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1 O:15:08.5 Yeah yeah PERSON 3	0:14:50.6	So maybe, for example, the professor can create, redefine it's
PERSON 2  0:14:59.9 Simulations  PERSON 3  0:15:01.4 Refers to it or-  PERSON 2  0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1  0:15:08.5 Yeah yeah  PERSON 3	PERSON 3	scenarios and the students can rely on it for testing their own-
O:14:59.9 PERSON 3  O:15:01.4 PERSON 2  O:15:04.0 PERSON 1  O:15:08.5 PERSON 3  Simulations  Refers to it or-  Person 2  O:15:04.0 PERSON 1  O:15:08.5 PERSON 3	0:14:59.5	Yeah or she-
PERSON 3  0:15:01.4 Refers to it or- PERSON 2  0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1  0:15:08.5 Yeah yeah PERSON 3	PERSON 2	
0:15:01.4 PERSON 2 0:15:04.0 PERSON 1 0:15:08.5 PERSON 3 Refers to it or-  Maybe you have just, with professors and not professor E, because  Yeah yeah	0:14:59.9	Simulations
PERSON 2  0:15:04.0 Maybe you have just, with professors and not professor E, because PERSON 1  0:15:08.5 Yeah yeah PERSON 3	PERSON 3	
0:15:04.0 PERSON 1 0:15:08.5 PERSON 3  Maybe you have just, with professors and not professor E, because PERSON 3	0:15:01.4	Refers to it or-
PERSON 1 0:15:08.5 Yeah yeah PERSON 3	PERSON 2	
0:15:08.5 Yeah yeah PERSON 3	0:15:04.0	Maybe you have just, with professors and not professor E, because
PERSON 3	PERSON 1	
	0:15:08.5	Yeah yeah
0:15:08.8 And there's a system	PERSON 3	
	0:15:08.8	And there's a system

PERSON 1	
0:15:10.0	Yeah yeah
PERSON 3	
0:15:10.7	Then can use to, so- yeah, ok. Professor, student ok, more. Why do
PERSON 1	we need more, some penguins, no. Database-
0:15:36.1	The scope-
PERSON 2	
0:15:36.1	Do we need a database
PERSON 1	
0:15:37.9	The scope of- there's also said that, about the scope, this concern
PERSON 2	considers the main responsibilities of the system. That is what in
	broad terms it is required to do. So we can identify some explicit
	exclusions or something. I don't know how to get-
0:16:06.2	Yeah here we can also, what you said in the beginning, like the static
PERSON 1	view and dynamic view
0:16:24.6	Or we can-
PERSON 2	
0:16:24.8	I want to say a view but-
PERSON 3	
0:16:27.8	Oh process
PERSON 2	
0:16:29.0	Yeah processes
PERSON 3	
0:16:33.6	Oh and then we have information flow, we can-
PERSON 1	
0:16:36.8	Yeah we can elaborate on this
PERSON 2	
0:16:38.7	Yeah
PERSON 1	
0:16:39.1	Yeah. And then it's consistent. So yeah, that's good
PERSON 2	
0:16:43.5	They don't know if I'm drawing
PERSON 1	
0:16:46.1	You can also draw a simulation process
PERSON 3	
0:16:50.2	Oh this actually doesn't have to necessarily be some sort of relation.
PERSON 2	Cause that's here also in that case-

0:16:56.3 PERSON 1 0:16:57.5 The professor in the system PERSON 2 0:16:58.3 Also the simulation process.  PERSON 3 0:17:00.6 PERSON 3 0:17:00.6 When you define your, yeah PERSON 2 0:17:02.6 PERSON 2 0:17:05.2 Yeah maybe from both PERSON 3 0:17:06.7 PERSON 3 0:17:08.6 PERSON 3 0:17:10.0 Static and dynamic PERSON 1 0:17:11.3 Yes PERSON 3 0:17:15.6 PERSON 3 0:17:24.5 PERSON 1 0:17:24.5 PERSON 1 0:17:25.0 PERSON 1 0:17:25.0 Created   think PERSON 2 0:17:26.8 PERSON 1 0:17:25.0 PERSON 1 0:17:25.0 Created   think PERSON 2 0:17:26.8 PERSON 1 0:17:27.8 Maybe [inaudible] PERSON 2 0:17:27.8 PERSON 2 0:17:27.8 PERSON 1 0:17:30.3 [hoe heet het ook alweer] PERSON 2 0:17:30.3 [Koe heet het ook alweer] PERSON 2 0:17:33.3 Yeah maybe it's kind of SQL database. No, no		
0:16:57.5   PERSON 2   O:16:58.3   Also the simulation process.		Yeah what did you say
PERSON 2 0:16:58.3 PERSON 3 0:17:00.6 PERSON 1 0:17:00.6 PERSON 1 0:17:00.6 Vhen you define your, yeah PERSON 3 0:17:02.6 PERSON 2 0:17:05.2 PERSON 3 0:17:06.7 PERSON 3 0:17:06.7 PERSON 3 0:17:10.0 Static and dynamic PERSON 1 0:17:11.3 PERSON 3 0:17:11.3 PERSON 3 0:17:15.6 PERSON 3 0:17:20.2 PERSON 3 0:17:20.2 PERSON 3 0:17:20.2 PERSON 3 0:17:20.2 PERSON 2 0:17:20.2 Ok Demonstrate of the finaudible of the		
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PERSON 3		
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PERSON 1  0:17:00.6 PERSON 3  0:17:02.6 PERSON 2  0:17:05.2 PERSON 3  0:17:06.7 PERSON 2  0:17:08.6 PERSON 3  0:17:10.0 PERSON 3  0:17:11.0 PERSON 1  0:17:11.3 PERSON 3  0:17:15.6 PERSON 2  0:17:20.2 PERSON 1  0:17:20.5 PERSON 1  0:17:20.5 PERSON 1  0:17:20.6 PERSON 2  0:17:20.7 PERSON 1  0:17:20.8 PERSON 1  0:17:20.9 PERSON 1  0:17:20.9 PERSON 1  0:17:20.1  0:17:20.1  DERSON 1  0:17:20.2 PERSON 1  0:17:20.3 PERSON 2  0:17:25.0 Created I think PERSON 1  0:17:26.8 PERSON 2  0:17:27.8 PERSON 2  0:17:27.8 PERSON 1  0:17:30.3 PERSON 2  Ihoe heet het ook alweer]	PERSON 3	
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PERSON 3         0:17:02.6         No but that comes from the dynamic           PERSON 2         0:17:05.2         Yeah maybe from both           PERSON 3         0:17:06.7         Oh ok.           PERSON 2         0:17:08.6         Because all then need to be tested           PERSON 3         0:17:10.0         Static and dynamic           PERSON 1         0:17:11.3         Yes           PERSON 2         0:17:25.6         Ok           PERSON 1         0:17:20.2         And what's in here. Simulations the [inaudible]           PERSON 2         0:17:24.5         The rules           PERSON 2         0:17:25.0         Created I think           PERSON 1         0:17:26.8         Oh ok.           PERSON 2         0:17:27.8         Maybe [inaudible]           PERSON 3         [hoe heet het ook alweer]	PERSON 1	
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PERSON 1  0:17:11.3  PERSON 3  0:17:15.6  PERSON 2  0:17:20.2  PERSON 1  0:17:24.5  PERSON 2  0:17:25.0  Created I think  PERSON 1  0:17:26.8  PERSON 2  0:17:27.8  PERSON 1  0:17:30.3  PERSON 2  Indicate the control of the control	PERSON 3	
0:17:11.3	0:17:10.0	Static and dynamic
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PERSON 2  0:17:20.2 PERSON 1  0:17:24.5 PERSON 2  0:17:25.0 PERSON 1  0:17:26.8 PERSON 2  0:17:27.8 PERSON 1  0:17:30.3 PERSON 2  [hoe heet het ook alweer] PERSON 2	PERSON 3	
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PERSON 1         0:17:24.5       The rules         PERSON 2       Created I think         0:17:25.0       Created I think         PERSON 1       Oh ok.         PERSON 2       Maybe [inaudible]         PERSON 1       O:17:27.8         PERSON 1       [hoe heet het ook alweer]         PERSON 2       PERSON 2	PERSON 2	
0:17:24.5       The rules         PERSON 2       Created I think         0:17:25.0       Created I think         PERSON 1       Oh ok.         PERSON 2       Oh ok.         0:17:27.8       Maybe [inaudible]         PERSON 1       O:17:30.3         PERSON 2       [hoe heet het ook alweer]	0:17:20.2	And what's in here. Simulations the [inaudible]
PERSON 2         0:17:25.0       Created I think         PERSON 1         0:17:26.8       Oh ok.         PERSON 2         0:17:27.8       Maybe [inaudible]         PERSON 1         0:17:30.3       [hoe heet het ook alweer]         PERSON 2	PERSON 1	
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0:17:26.8 PERSON 2  0:17:27.8 PERSON 1  0:17:30.3 PERSON 2  [hoe heet het ook alweer]	0:17:25.0	Created I think
PERSON 2  0:17:27.8 Maybe [inaudible] PERSON 1  0:17:30.3 [hoe heet het ook alweer] PERSON 2	PERSON 1	
0:17:27.8 Maybe [inaudible] PERSON 1 0:17:30.3 [hoe heet het ook alweer] PERSON 2	0:17:26.8	Oh ok.
PERSON 1  0:17:30.3 [hoe heet het ook alweer] PERSON 2	PERSON 2	
0:17:30.3 [hoe heet het ook alweer] PERSON 2	0:17:27.8	Maybe [inaudible]
PERSON 2	PERSON 1	
	0:17:30.3	[hoe heet het ook alweer]
0:17:33.3 Yeah maybe it's kind of SQL database. No, no	PERSON 2	
	0:17:33.3	Yeah maybe it's kind of SQL database. No, no

PERSON 1	
0:17:49.6	Doos this actually, doosn't interact with any other system bub
PERSON 2	Does this actually- doesn't interact with any other system huh.
0:17:53.1	No yeah maybo it's something that
	No. yeah, maybe it's something that
PERSON 1	
0:17:59.7	Ok
PERSON 2	
0:18:02.0	You can use an outsource program for the static [inaudible]
PERSON 3	
0:18:13.4	I think we can still do developers here. To the system
PERSON 2	
0:18:18.2	Yeah?
PERSON 1	
0:18:19.8	Yeah, it isn't mentioned but, the professor does-
PERSON 2	
0:18:22.9	Yeah, when the system gets stuck they also have to be [inaudible] ok.
PERSON 1	So development team
0:18:31.6	Yeah and are there also administrators or something. System
PERSON 2	administrator, I don't know. But it isn't mentioned here and I don't
	know how closely you have to follow this so
0:18:44.6	Ok. Let's draw development team
PERSON 1	
0:18:47.2	Yeah
PERSON 2	
0:18:48.9	So now you have professor, development team, and students
PERSON 1	
0:18:53.1	Yeah the students are the user actually, yeah
PERSON 2	,,,
0:18:55.7	Yeah. And then two processes, static, dynamic and they belong to
PERSON 1	the goal simulate.
0:19:06.0	Yeah
PERSON 2	
0:19:06.9	Maybe the simulation have-
PERSON 3	
0:19:08.0	Those -
PERSON 2	
0:19:08.6	Should have a link with an outsource program for the statistical
3.13.00.0	and an are a min with an eacedarde program for the statistical

PERSON 3	distribution [inaudible]
0:19:16.4	[inaudible] pattern
PERSON 1	[madalble] paccem
0:19:21.9	Oh, on the second page
PERSON 2	on, on the second page
0:19:22.3	Yeah
PERSON 1	reali
0:19:25.5	For reusing the code
PERSON 3	To reasing the code
0:19:28.0	[inaudible] oh yeah. Yeah ok. So let's go with just software, existing
PERSON 1	software package.
0:19:44.9	Yeah
PERSON 2	
0:19:45.5	Yeah?
PERSON 1	
0:19:46.3	Just a software package yeah ok.
PERSON 2	and a containe parameter
0:19:50.2	Yeah. But you have to give a technical number, like, [inaudible]
PERSON 3	, , , , , , , , , , , , , , , , , , , ,
0:20:09.6	Is this actually an external entity? Or something?
PERSON 2	, ,
0:20:15.4	Well we, for example, I think this is a suggestion so they can reuse
PERSON 3	code, so, for something that's already done. But it can [inaudible]
0:20:23.9	Oh maybe-
PERSON 1	
0:20:24.7	Because an external entity is different in colouring
PERSON 2	
0:20:28.2	Maybe we can do like this, so this is educational environment-
PERSON 1	
0:20:34.1	Oh, we can make lanes
PERSON 2	
0:20:35.0	Oh yeah yeah good idea actually
PERSON 3	
0:20:37.1	And then this is the system environment
PERSON 1	
0:20:41.1	Yeah
PERSON 2	

0:20:42.5	Yes
PERSON 3	
0:20:43.6	Yeah, I don't know
PERSON 1	
0:20:44.9	Maybe the- borrowing the API's
PERSON 3	
0:20:47.3	Yeah ok. Yeah then we have to look for a good software package, for
PERSON 1	now it's ok.
0:21:00.4	Yeah
PERSON 2	
0:21:03.4	And then database, yeah, I don't, whether that's- yeah I think so, ok.
PERSON 1	So now our context view is almost ready I think?
0:21:24.3	Yeah
PERSON 2	
0:21:28.9	And this one [inaudible]
PERSON 1	
0:21:31.0	What notation did we use actually
PERSON 2	
0:21:34.0	UML or-
PERSON 1	
0:21:35.9	Yeah
PERSON 2	
0:21:36.4	The processes have to be [inaudible] so
PERSON 1	
0:21:37.7	[Inaudible] ok. I think we should do UML
PERSON 2	
0:21:44.6	Yeah. So then we just have to change processes that's like, so
PERSON 1	
0:21:53.9	Yeah that's true. Ok good. So these are the link yeah?
PERSON 2	
0:21:59.4	Yeah
PERSON 1	
0:21:59.8	So, yeah ok.
PERSON 2	
0:22:03.9	And our information view? And then we are elaborating this three
PERSON 1	processes.
0:22:15.1	In the information view?

PERSON 2	
0:22:16.0	Mhm
PERSON 1	
0:22:16.0	Yeah
PERSON 2	
0:22:18.5	And then with-
PERSON 1	
0:22:18.9	Yeah or we can just focus on one-
PERSON 2	
0:22:23.0	Just one flow you mean
PERSON 1	
0:22:23.5	Yeah. Are these actually parallel
PERSON 2	
0:22:26.9	Yeah I think they're parallel
PERSON 3	
0:22:27.9	Because then we can make a concurrency or not
PERSON 2	
0:22:31.8	No no no, it's just for- cause when you deal with- when you create
PERSON 3	like, some sensors, I think it's more elaborated. The simulation's
	more elaborated
0:22:43.3	Yeah ok. So they actually-
PERSON 2	
0:22:46.6	Maybe they [inaudible] more different-
PERSON 3	
0:22:47.1	So
PERSON 2	
0:22:49.1	Packages from the API module or- yeah just for the simulation, not
PERSON 3	for the designing. Both design is the same but simulations will be
	different
0:23:11.5	I will look some [inaudible] for the information view. Because
PERSON 1	[inaudible]
0:23:23.7	Still on, I had to check if the sound was ok.
PERSON 2	
0:23:45.6	So we're going to leave the context view for now? And just move
PERSON 2	onto the-
0:23:49.5	Information
PERSON 1	

0:23:49.5	Ok
PERSON 2	
0:23:53.0	So that it's clear for the people
PERSON 1	
0:23:58.1	I bet there is one
PERSON 3	
0:24:03.2	Look maybe we can do it like this, as we did in the assignment. So
PERSON 1	global [inaudible]
0:24:08.3	Oh yeah and the we can specify yeah on-
PERSON 2	
0:24:11.9	And then mention here again the processes.
PERSON 1	
0:24:15.5	Yeah. Yeah we can do that.
PERSON 2	
0:24:17.5	And then here- going that with the API and the database and
PERSON 1	
0:24:24.5	Yeah
PERSON 2	
0:24:26.7	Oh my god, there's no [inaudible]
PERSON 3	
0:24:29.7	Yeah I can take
PERSON 1	
0:24:31.1	No no no but, there's no other one?
PERSON 3	
0:24:35.5	I think there's one
PERSON 2	
0:24:39.0	There has to be another one
PERSON 1	
0:24:44.6	I can't lift my notebook
PERSON 3	
0:24:47.2	You can
PERSON 2	
0:24:49.1	How much better do you have, it's like [inaudible]
PERSON 3	
0:24:51.5	Half [inaudible] I don't need battery at all so. Don't worry about the-
PERSON 2	
0:25:09.4	Ok, incoming data in the system. How was it called in the

PERSON 1	assignment? It was in the first part. Actually it's the input of the
	students heh.
0:25:45.8	[inaudible]
PERSON 3	
0:25:46.7	Yeah depends on what level you're-
PERSON 2	
0:25:51.4	What level of detail
PERSON 1	
0:25:52.5	Yeah
PERSON 2	
0:25:53.1	Yeah that's-
PERSON 1	
0:25:54.6	Because-
PERSON 2	
0:25:54.9	A bit global then, a bit abstract. And the output is a simulation.
PERSON 1	
0:26:11.0	Ok so, what information flow are we actually going to look at,
PERSON 2	because we have to pick one process, otherwise it's too global I
	think.
0:26:19.8	No, because we can have more than one- multiple
PERSON 1	
0:26:23.4	Oh you want to just first look at the-
PERSON 2	
0:26:25.8	Global
PERSON 1	
0:26:27.0	Overall, and then-
PERSON 2	
0:26:27.4	Yeah
PERSON 1	
0:26:27.4	You want to specify, ok.
PERSON 2	
0:26:31.4	So, outgoing data, what it is- simulation of traffic interaction. Traffic
PERSON 1	light interaction
0:26:48.1	Can put on, how it's called-
PERSON 3	
0:26:50.5	Yeah
PERSON 2	

0:26:50.5	Like real time in real time
PERSON 3	Like real-time, in real-time
0:26:53.3	Oh so
0.20.55.5 PERSON 1	
0:26:54.6	Yeah
0.20.34.0 PERSON 2	
	Real-time simulation
0:26:55.2 PERSON 3	Real-time simulation
0:27:02.3	Yeah ok. And then this just, add here the three processes or the two.
PERSON 1	Static and the dynamic
0:27:19.8	I don't know
0.27.19.8 PERSON 3	I don't know
0:27:23.2	Decayor new we have simulation is the cutout
	Because now we have simulation is the output
PERSON 1	Vach hart tagling at the great Manageriant daths static and
0:27:26.3	Yeah but, looking at the, yeah. We can just do the static and
PERSON 2	dynamic, because that's what we said in the context
0:27:33.2	Yeah. Because they have two options. Yeah
PERSON 1	
0:27:45.1	Yeah
PERSON 2	
0:27:46.3	Ok, first on
PERSON 1	
0:27:47.2	Do we-
PERSON 3	
0:27:48.0	Ok but, out of these two, this comes right?
PERSON 2	
0:27:51.4	Mhm
PERSON 1	
0:27:51.4	So something went wrong here.
PERSON 2	
0:27:54.1	Yeah
PERSON 1	
0:27:54.9	Because from-
PERSON 2	
0:27:55.2	Yeah yeah
PERSON 3	
0:27:57.2	From the static and dynamic the-

e
and
on't

	lun avv h avv vat
0.00.11.5	know how yet.
0:29:14.5	I think it's not clear enough now because you have some incoming
PERSON 1	data, cause in the system the system has static option, dynamic
	option and some out coming data.
0:29:26.8	Yeah ok
PERSON 2	
0:29:28.1	And now [inaudible]
PERSON 1	
0:29:28.7	And it's not an or actually, it's an and
PERSON 2	
0:29:32.3	Yeah?
PERSON 1	
0:29:32.6	Yeah. Because he said that it flows parallel, but both is the case
PERSON 2	
0:29:39.7	So it's an [inaudible]
PERSON 1	
0:29:39.7	Do you have to have like, [inaudible] in this view or do you have to
PERSON 3	leave it for the functional view. For example, if I want to put here a
	static, like, add road. We cannot use this on this view right?
0:29:55.3	No
PERSON 2	
0:29:55.9	Ok
PERSON 3	
0:29:57.0	Information view-
PERSON 1	
0:29:57.6	It's for the functional
PERSON 2	
0:29:58.7	It's just about the flows of information
PERSON 1	
0:30:00.0	Ok
PERSON 3	
0:30:00.7	So
PERSON 1	
0:30:02.4	What is to be communicated between different [inaudible]
PERSON 2	
0:30:07.5	There's a kind of life cycle
PERSON 1	
	•

0:30:09.5	Mhm
PERSON 3	
0:30:10.3	Yeah. But this is- is this an OR or an AND
PERSON 1	
0:30:12.6	That's and OR
PERSON 2	
0:30:14.3	I think it's an OR
PERSON 3	
0:30:15.4	It's for the data, it's an OR
PERSON 1	
0:30:18.1	Yep
PERSON 3	
0:30:18.4	And for the system it's an AND
PERSON 1	
0:30:20.8	Ok
PERSON 2	
0:30:22.0	I think
PERSON 1	
0:30:22.5	Yeah?
PERSON 2	
0:30:23.2	Yeah, because you have some input, and then that's-
PERSON 1	
0:30:29.3	Yeah, but didn't
PERSON 2	
0:30:29.5	Static manner or dynamic. But the system can do both
PERSON 1	
0:30:37.2	It's because the static process have only one input, which the initial
PERSON 3	input. They put the initial data and the round is done. But the
	dynamic view have one input on the beginning, and one real-time
	input, like, it's repeating.
0:30:57.7	Yeah that-
PERSON 1	
0:30:58.7	So you mean it- how do you say that- I don't know the English word
PERSON 2	
0:31:04.9	So maybe we can the put like, the designing map and the- and then
PERSON 3	we can put two different. Oh we should also-
0:31:16.2	You can draw

PERSON 1	
0:31:20.7	Yeah, you mean it's not parallel, and it's also not serial, but it flows to
PERSON 2	each other
0:31:24.4	Maybe, before static and dynamic we can put, like, the map
PERSON 3	designing.
0:31:33.6	And then-
PERSON 1	
0:31:33.6	Or there's a functionality here
PERSON 3	
0:31:35.3	Yeah
PERSON 2	
0:31:36.0	Yeah
PERSON 1	
0:31:37.4	It is, but we can-
PERSON 2	
0:31:38.1	But what you said is true, because we have to add, like, real-time
PERSON 1	input, something like that
0:31:44.5	You can just call it map. And we can specify it in the functional
PERSON 2	
0:31:48.3	Ok just map, so here we form the map.
PERSON 3	
0:31:51.3	Yeah
PERSON 2	
0:31:52.2	On the final-
PERSON 3	
0:31:54.1	Yeah
PERSON 1	
0:31:54.6	Designer input
PERSON 3	
0:31:55.7	So then there's map, and then OR
PERSON 1	
0:31:58.1	Ok
PERSON 3	
0:31:59.0	Or not? Yeah, I don't know
PERSON 1	
0:32:00.5	Yeah, is it OR?
PERSON 2	

0:32:01.9	No
PERSON 1	
0:32:02.6	Because then [inaudible]
PERSON 2	
0:32:02.8	I [inaudible]
PERSON 1	
0:32:04.6	Yeah, I think
PERSON 2	
0:32:05.4	I think we can leave it out
PERSON 1	
0:32:07.6	Yeah
PERSON 2	
0:32:07.8	That's just an arrow
PERSON 1	
0:32:09.0	Yeah I agree
PERSON 2	
0:32:11.7	Ok. then I can flip the traffic information
PERSON 3	
0:32:22.1	Yeah
PERSON 1	
0:32:23.1	Yeah
PERSON 2	
0:32:24.9	Which is gonna be entering [inaudible], but I don't know how you're
PERSON 3	gonna put in the draw?
0:32:30.5	Yeah maybe we'll also, something like travel rules, or
PERSON 1	
0:32:34.2	Yeah. Traffic information and sensor information
PERSON 3	
0:32:38.1	Oh yeah
PERSON 1	
0:32:42.4	Sensor information. Ok.
PERSON 3	
0:32:50.0	And it's also both eh?
PERSON 1	
0:32:51.4	Yeah also, no no, only for dynamic
PERSON 3	
0:32:53.4	But, oh yeah

PERSON 1	
0:32:54.3	Yeah
PERSON 2	
0:32:59.5	Is it gonna be-
PERSON 3	
0:33:03.0	No it's also [inaudible]
PERSON 1	
0:33:04.5	Yeah yeah it's-
PERSON 3	
0:33:08.1	Ok, but that's gonna be the- just the simulation right? And this is just
PERSON 2	some static eh-
0:33:14.9	Yeah, ok, yeah [inaudible] yeah. So maybe we have to go to
PERSON 1	simulation or-
0:33:21.6	Yeah. Oh just simulation is good because that comes with the
PERSON 2	context, right? In the context we have also something about
	simulation
0:33:33.0	Mhm
PERSON 1	
0:33:33.0	Where's an, so-
PERSON 2	
0:33:34.8	You mean to be consistent
PERSON 1	
0:33:35.4	Yeah
PERSON 2	
0:33:36.2	Yeah
PERSON 1	
0:33:40.0	But it also has to have the same input and output. But we can watch
PERSON 2	that later.
0:34:04.5	Yeah here, by which the user creates a map, sets traffic timing
PERSON 1	schemes and views
0:34:10.5	Traffic
PERSON 3	
0:34:11.1	Traffic simulation, so that's where we, yeah.
PERSON 1	
0:34:14.9	And what is, after traffic timing
PERSON 3	
0:34:17.6	Schemes?

PERSON 1	
0:34:18.3	Schemes?
PERSON 3	
0:34:19.1	And then views traffic simulations
PERSON 1	
0:34:22.7	View traffic simulations. Oh ok.
PERSON 3	
0:34:25.3	So the system views traffic simulations
PERSON 1	·
0:34:27.0	So I think-
PERSON 3	
0:34:27.4	Shall we [inaudible]
PERSON 1	
0:34:27.5	Yeah yeah
PERSON 3	
0:34:28.1	Yeah
PERSON 2	
0:34:29.1	[inaudible] how are you gonna see this [inaudible]
PERSON 3	
0:34:30.5	Yeah
PERSON 1	
0:34:30.6	This is in working
PERSON 3	
0:34:31.4	Yeah
PERSON 1	
0:34:33.1	So
PERSON 3	
0:34:33.1	So that's going just with the terms in the assignment so [inaudible]
PERSON 1	
0:34:37.2	[inaudible] traffic view, can be traffic view. Track simulation
PERSON 3	[inaudible]
0:34:42.0	Yeah I think-
PERSON 1	
0:34:42.9	Yeah, traffic simulation view
PERSON 2	
0:34:50.4	And here you add schemes?
PERSON 1	

0:34:54.1	It's like traffic timing scheme
PERSON 3	
0:34:57.2	Yeah yeah. And then the map is here, schemes and views. Ok
PERSON 1	
0:35:10.9	We have two [inaudible] arrows also, some information
PERSON 2	
0:35:16.7	Yeah, it's not [inaudible] no?
PERSON 1	
0:35:18.5	Because
PERSON 2	
0:35:20.9	With that life cycle it's just arrows, it's just the direction of the
PERSON 1	information
0:35:26.9	Ok
PERSON 2	
0:35:27.4	Maybe before traffic simulation view you can- the outsource package
PERSON 3	that makes the map
0:35:36.5	We're running [inaudible] the map, is has to be-
PERSON 1	
0:35:38.1	No but here it's just defined- for example, these go on this
PERSON 3	[inaudible] and that's a sign of here
0:35:45.1	Mhm
PERSON 1	
0:35:45.8	But here it's going to make the [inaudible] come, like for example, if
PERSON 3	three cars come from here at speed of three times, three cars per
	minute
0:35:54.6	Yeah
PERSON 2	
0:35:54.9	And then, so this, another package is gonna make the count, and
PERSON 3	show on the green [inaudible]
0:35:58.2	Oh yeah
PERSON 1	
0:36:00.1	So there's-
PERSON 2	
0:36:00.7	It's not shown on the screen, it's gonna make the preliminary out
PERSON 3	coming and then the system is gonna show [inaudible]
0:36:07.2	Yeah
PERSON 2	

0:36:07.2	Yeah ok
PERSON 1	
0:36:11.8	So for here, the outsource
PERSON 3	
0:36:25.0	Afterwards you can read that again. Are there any applications, by
PERSON 1	the way? So like- what's there, it's just on their computer
0:36:51.0	Yeah
PERSON 2	
0:36:52.3	Why is it also a game
PERSON 1	
0:36:55.6	No I don't think so
PERSON 2	
0:36:56.4	[inaudible] future
PERSON 1	
0:36:56.9	Yeah
PERSON 2	
0:37:03.0	How much time did we spend to, here
PERSON 3	
0:37:09.2	Let me check, we're at half an hour
PERSON 2	
0:37:11.0	37 minutes
PERSON 3	
0:37:11.8	37 minutes yeah
PERSON 2	
0:37:13.8	Ok, do we need any information systems, like, email, notifications
PERSON 1	from the system. No right?
0:37:22.4	No
PERSON 2	
0:37:24.0	Ok. Other information systems?
PERSON 1	
0:37:35.9	I don't think so
PERSON 3	
0:37:36.7	No right. Ok. Program language? Do we need to mention it here? For
PERSON 1	developer
0:37:45.5	[inaudible]
PERSON 3	
0:37:47.1	Ok

PERSON 1	
0:37:47.3	Yeah
PERSON 2	
0:37:48.6	Maybe we can [inaudible]
PERSON 1	, , , , , , , , , , , , , , , , , , , ,
0:37:49.7	For map they can use XML
PERSON 3	
0:37:59.0	So it this what we want. Yeah. Ok maybe we have to continue to
PERSON 1	functional view and then, later on we can discuss or add things
0:38:17.0	Yeah
PERSON 2	
0:38:17.4	Yeah? Ok. so now we have to list all the features I think
PERSON 1	
0:38:30.9	Yeah
PERSON 2	
0:38:30.9	First-
PERSON 1	
0:38:31.8	For the-
PERSON 3	
0:38:32.2	Functional
PERSON 1	
0:38:33.1	Yes
PERSON 3	
0:38:33.1	Yeah. All the features are going to be our models
PERSON 2	
0:38:37.6	This is the UML
PERSON 3	
0:38:42.3	Yeah, because this is really abstract huh
PERSON 1	
0:38:45.2	Mhm. We can make multiple of this. Yeah.
PERSON 2	
0:38:58.0	Ok. Oh maybe, for information view we have to change visualization
PERSON 1	into visual map
0:39:08.9	Mhm
PERSON 3	
0:39:08.9	Because that's mentioned in-
PERSON 1	

0:39:13.0	Ok good
PERSON 2	
0:39:19.2	Ok functionalities. It's like, the roads, they should allow for the roads
PERSON 1	of varying length. And then know how to- different intersections, and
	at least six.
0:40:02.4	Yeah
PERSON 2	
0:40:16.5	Students must be able to describe the behaviour of the traffic lights
PERSON 1	at each of the intersections. It's up to you to determine what the
	exact interaction will be. Ok, so we thought about the kinds of report
	heh.
0:40:36.5	The part that check, for example, if you put a green sign or here, so
PERSON 3	the other side of the street, the sign would be red. We should include
	in which view, like, these automatic constraints. It's functional right?
0:40:51.4	Yeah
PERSON 2	
0:40:52.1	Ok
PERSON 3	
0:40:52.9	So
PERSON 1	
0:40:53.2	So it would be a module like-
PERSON 3	
0:41:00.8	Checking
PERSON 2	
0:41:02.9	Signals checkings
PERSON 3	
0:41:06.8	Checking like behaviour, turn light behaviour or something. I don't
PERSON 2	know
0:41:10.8	Intersection, dependency, signals checking
PERSON 3	
0:41:16.6	Ok, it's too long. Checking light behaviour for now
PERSON 1	
0:41:21.2	Yeah, for intersections
PERSON 3	
0:41:22.4	Ok, checking light behaviour
PERSON 1	
0:41:24.3	Yeah ok, but for intersections that's only the case because- so for

PERSON 2	intersection is redundant
0:41:31.7	Ok, between brackets. But how are going to do it
PERSON 1	
0:41:41.9	I think it's a module that's going to be activated after you've
PERSON 3	designed the map. For example, you design the map and now you're
	in the simulation process. It's before the simulation process. It's
	gonna be a module, it's gonna be run just for checking
	independencies
0:41:57.0	Yeah
PERSON 2	
0:41:57.0	Ok
PERSON 1	
0:41:57.6	Ok, we forgot to create these dependencies
PERSON 3	
0:42:00.3	Ok
PERSON 1	
0:42:00.3	Mhm
PERSON 2	
0:42:01.0	Yeah. So before map add simulation. Ok this one, about the left hand
PERSON 1	turns blablabla
0:42:20.2	Yeah
PERSON 2	
0:42:22.2	Combination of individual signals, and I don't know
PERSON 1	
0:42:31.0	Combination of individual signals it's-
PERSON 2	
0:42:31.8	Oh, it's about signals of the light
PERSON 1	
0:42:34.3	Yeah
PERSON 2	
0:42:37.0	So, you mentioned the example of these three roads with-
PERSON 1	
0:42:40.4	Oh I think what they mean is that, if one traffic light is green, and the
PERSON 2	other turns green as well, but a crash could happen. That cannot be the case
0:42:52.4	Yeah but that [inaudible]
PERSON 3	
	<u> </u>

0:42:53.5	But that's- needs to be-
PERSON 2	
0:42:53.9	Also the checker
PERSON 1	
0:42:54.9	Yeah
PERSON 2	
0:42:56.6	So this one's, yeah. Ok this is-
PERSON 1	
0:43:00.2	That's just a rule
PERSON 2	
0:43:02.1	Yeah
PERSON 1	
0:43:02.1	Yeah
PERSON 3	
0:43:02.9	Yeah. Ok. The next is just about, every intersection has the-
PERSON 2	
0:43:14.9	It's also a rule
PERSON 1	
0:43:16.8	Yeah
PERSON 2	
0:43:16.8	We have to list also, the kind of rules of the systems
PERSON 1	
0:43:19.4	Yeah. Oh we can just model that as business rules or something
PERSON 2	
0:43:25.1	Yeah
PERSON 1	
0:43:25.1	Already have a technical [inaudible]
PERSON 3	
0:43:27.5	And it is to be for-
PERSON 2	
0:43:30.6	For the checking dependencies
PERSON 3	
0:43:32.8	Ok
PERSON 2	
0:43:32.8	Ok
PERSON 1	
0:43:33.4	No no, for the- sorry sorry. Thinking about the idea, is for the system

PERSON 3 that is going to outsource the, what is it, oh here on this- 0:43:41.7 PERSON 2 0:43:43.3 No no no, it's- PERSON 1 0:43:43.9 PERSON 3 0:43:43.9 PERSON 1 0:43:45.0 We can use like a metric system. Because I already did- PERSON 3 0:43:47.8 PERSON 1 0:43:51.0 No, it has to be on a different view right? Ok just forget it PERSON 3 0:43:55.0 In development. You remember PERSON 1 0:43:55.1 Yeah yeah PERSON 1 0:44:07.7 PERSON 1 0:44:07.7 PERSON 1 0:44:13.9 PERSON 2 0:44:17.5 PERSON 2 0:44:17.5 PERSON 2 0:44:17.9 PERSON 2 0:44:29.1 We have only 45 minutes to documentate it. PERSON 2 0:44:35.3 PERSON 2 0:44:35.3 PERSON 2 0:44:35.3 PERSON 2 0:44:35.3 PERSON 3 PERSON 2 0:44:35.3 PERSON 2 0:44:35.3 PERSON 3 PERSON 3 PERSON 3 PERSON 4 PERSON 5 PERSON 6 PERSON 9 PERSON 9 PERSON 9 PERSON 9 PERSON 1 PERSON 9 PERSON 1 PERSON 9 PERSON 1 PERSON 9 P		
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0:43:43.3 PERSON 1 0:43:43.9 PERSON 3 0:43:43.9 PERSON 1 0:43:45.0 PERSON 3 0:43:47.8 PERSON 1 0:43:51.0 PERSON 3 0:43:55.0 PERSON 3 0:43:55.0 In development. You remember PERSON 1 0:43:58.1 PERSON 1 0:43:58.1 PERSON 1 0:44:05.1 PERSON 2 0:44:07.7 PERSON 1 0:44:17.5 PERSON 2 0:44:17.5 PERSON 1 0:44:17.5 PERSON 1 0:44:17.5 PERSON 1 0:44:17.9 PERSON 2 0:44:29.1 We have only 45 minutes to documentate it. PERSON 2 0:44:35.3 Yeah, but we're kind of already doing-PERSON 2 0:44:35.3 Yeah yeah	0:43:41.7	Oh you mean this?
PERSON 1  0:43:43.9 PERSON 3  0:43:43.9 PERSON 3  0:43:45.0 PERSON 3  0:43:47.8 PERSON 1  0:43:51.0 PERSON 3  0:43:55.0 PERSON 3  0:43:55.0 PERSON 1  0:43:55.0 PERSON 1  0:43:58.1 PERSON 1  0:43:58.1 PERSON 3  0:43:58.1 PERSON 1  0:43:58.1 PERSON 1  0:43:58.1 PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:17.5 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 We have only 45 minutes to documentate it. PERSON 2  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:35.3 Yeah yeah	PERSON 2	
0:43:43.9 PERSON 3 0:43:43.9 PERSON 1 0:43:45.0 PERSON 3 0:43:47.8 In the information view? Yeah PERSON 1 0:43:51.0 PERSON 3 0:43:55.0 PERSON 1 0:43:55.1 PERSON 1 0:43:58.1 PERSON 3 0:43:58.4 PERSON 3 0:43:58.4 PERSON 1 0:44:07.7 PERSON 1 0:44:13.9 PERSON 1 0:44:17.5 PERSON 2 0:44:17.5 PERSON 2 0:44:17.5 PERSON 2 0:44:17.5 PERSON 2 0:44:27.9 PERSON 2 0:44:27.9 PERSON 2 0:44:27.9 PERSON 3 0:44:33.6 PERSON 3 0:44:33.6 PERSON 2 0:44:33.6 PERSON 2 0:44:33.6 PERSON 2 0:44:33.6 PERSON 2 0:44:33.3 Veah yeah	0:43:43.3	No no no, it's-
PERSON 3  0:43:43.9 PERSON 1  0:43:45.0 PERSON 3  0:43:47.8 PERSON 1  0:43:51.0 PERSON 3  0:43:55.0 PERSON 1  0:43:55.0 PERSON 1  0:43:58.1 PERSON 3  0:43:58.1 PERSON 3  0:43:58.4 PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:33.3 Veah yeah  Veah yeah  Veah yeah  Veah yeah  Veah yeah and they have to be four way  Veah yeah	PERSON 1	
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PERSON 1  0:43:45.0 PERSON 3  0:43:47.8 PERSON 1  0:43:51.0 PERSON 3  0:43:55.0 PERSON 1  0:43:58.1 PERSON 3  0:43:58.4 PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.5 PERSON 2  0:44:17.5 PERSON 3  0:44:17.5 PERSON 1  0:44:17.5 PERSON 2  0:44:17.5 PERSON 2  0:44:17.5 PERSON 3  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:35.3 Yeah yeah	PERSON 3	
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PERSON 3  0:43:47.8 PERSON 1  0:43:51.0 PERSON 3  0:43:55.0 PERSON 1  0:43:58.1 PERSON 3  0:43:58.1 PERSON 3  0:43:58.4 PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:35.3 Veah yeah	PERSON 1	
O:43:47.8 PERSON 1  O:43:51.0 PERSON 3  O:43:55.0 PERSON 1  O:43:55.0 PERSON 1  O:43:58.1 PERSON 3  O:43:58.4 PERSON 1  O:44:05.1 PERSON 2  O:44:07.7 PERSON 1  O:44:13.9 PERSON 2  O:44:17.5 PERSON 2  O:44:17.5 PERSON 1  O:44:17.9 PERSON 2  O:44:29.1 PERSON 3  O:44:33.6 PERSON 3  O:44:33.6 PERSON 2  O:44:33.6 PERSON 2  O:44:35.3  Yeah yeah  Ok so, it's kind of, rules of the system  PERSON 1  O:44:17.9 PERSON 2  O:44:17.5 PERSON 2  O:44:29.1 PERSON 3  O:44:33.6 PERSON 2  O:44:33.6 PERSON 2  O:44:35.3  Yeah yeah	0:43:45.0	We can use like a metric system. Because I already did-
PERSON 1  0:43:51.0 PERSON 3  0:43:55.0 PERSON 1  0:43:58.1 PERSON 3  0:43:58.1 PERSON 3  0:43:58.4 PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 3  0:44:33.6 PERSON 2  0:44:35.3  Yeah yeah	PERSON 3	
0:43:51.0 PERSON 3 0:43:55.0 In development. You remember PERSON 1 0:43:58.1 PERSON 3 0:43:58.4 PERSON 1 0:44:58.4 PERSON 1 0:44:05.1 PERSON 2 0:44:07.7 PERSON 1 0:44:13.9 PERSON 2 0:44:17.5 PERSON 1 0:44:17.5 PERSON 1 0:44:17.9 PERSON 2 0:44:29.1 PERSON 3 0:44:33.6 PERSON 3 0:44:33.6 PERSON 2 0:44:33.6 PERSON 2 0:44:35.3 Yeah yeah	0:43:47.8	In the information view? Yeah
PERSON 3  0:43:55.0 In development. You remember  PERSON 1  0:43:58.1 Yeah yeah  PERSON 3  0:43:58.4 Ok so, it's kind of, rules of the system  PERSON 1  0:44:05.1 Yeah so-  PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 [inaudible] yeah and they have to be four way  PERSON 2  0:44:17.5 Yeah  PERSON 1  0:44:17.9 And every intersection has to have traffic lights.  PERSON 2  0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3  0:44:33.6 Yeah, but we're kind of already doing-  PERSON 2  0:44:35.3 Yeah yeah	PERSON 1	
0:43:55.0 In development. You remember  0:43:58.1 Yeah yeah  PERSON 3 0:43:58.4 Ok so, it's kind of, rules of the system  0:44:05.1 Yeah so- PERSON 2 0:44:07.7 That's are the constraints, so six intersections  PERSON 1 0:44:13.9 [inaudible] yeah and they have to be four way  PERSON 2 0:44:17.5 Yeah  PERSON 1 0:44:17.9 And every intersection has to have traffic lights.  PERSON 2 0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3 0:44:33.6 Yeah, but we're kind of already doing- PERSON 2 0:44:35.3 Yeah yeah	0:43:51.0	No, it has to be on a different view right? Ok just forget it
PERSON 1  0:43:58.1	PERSON 3	
0:43:58.1 Yeah yeah PERSON 3 0:43:58.4 Ok so, it's kind of, rules of the system PERSON 1 0:44:05.1 Yeah so- PERSON 2 0:44:07.7 That's are the constraints, so six intersections PERSON 1 0:44:13.9 [inaudible] yeah and they have to be four way PERSON 2 0:44:17.5 Yeah PERSON 1 0:44:17.9 And every intersection has to have traffic lights. PERSON 2 0:44:29.1 We have only 45 minutes to documentate it. PERSON 3 0:44:33.6 Yeah, but we're kind of already doing- PERSON 2 0:44:35.3 Yeah yeah	0:43:55.0	In development. You remember
PERSON 3  0:43:58.4 PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:33.6 PERSON 2  0:44:35.3  Yeah yeah	PERSON 1	
O:43:58.4 PERSON 1 O:44:05.1 PERSON 2 O:44:07.7 PERSON 1 O:44:13.9 PERSON 2 O:44:17.5 PERSON 1 O:44:17.9 PERSON 2 O:44:29.1 PERSON 3 O:44:33.6 PERSON 2 O:44:35.3 Yeah yeah	0:43:58.1	Yeah yeah
PERSON 1  0:44:05.1 PERSON 2  0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:35.3  Yeah yeah	PERSON 3	
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PERSON 2  0:44:07.7	PERSON 1	
0:44:07.7 PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:35.3  Yeah yeah	0:44:05.1	Yeah so-
PERSON 1  0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:35.3  Yeah yeah  Inaudible] yeah and they have to be four way  Yeah Person 1  O:44:17.5 PERSON 2  O:44:29.1 PERSON 3  O:44:33.6 PERSON 2  O:44:35.3  Yeah yeah	PERSON 2	
0:44:13.9 PERSON 2  0:44:17.5 PERSON 1  0:44:17.9 PERSON 2  0:44:29.1 PERSON 3  0:44:33.6 PERSON 2  0:44:35.3  Yeah yeah	0:44:07.7	That's are the constraints, so six intersections
PERSON 2  0:44:17.5 Yeah  PERSON 1  0:44:17.9 And every intersection has to have traffic lights.  PERSON 2  0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3  0:44:33.6 Yeah, but we're kind of already doing-  PERSON 2  0:44:35.3 Yeah yeah	PERSON 1	
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PERSON 1  0:44:17.9 And every intersection has to have traffic lights.  PERSON 2  0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3  0:44:33.6 Yeah, but we're kind of already doing- PERSON 2  0:44:35.3 Yeah yeah	PERSON 2	
0:44:17.9 And every intersection has to have traffic lights.  0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3  0:44:33.6 Yeah, but we're kind of already doing- PERSON 2  0:44:35.3 Yeah yeah	0:44:17.5	Yeah
PERSON 2  0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3  0:44:33.6 Yeah, but we're kind of already doing- PERSON 2  0:44:35.3 Yeah yeah	PERSON 1	
0:44:29.1 We have only 45 minutes to documentate it.  PERSON 3  0:44:33.6 Yeah, but we're kind of already doing- PERSON 2  0:44:35.3 Yeah yeah	0:44:17.9	And every intersection has to have traffic lights.
PERSON 3  0:44:33.6 Yeah, but we're kind of already doing- PERSON 2  0:44:35.3 Yeah yeah	PERSON 2	
0:44:33.6 Yeah, but we're kind of already doing- PERSON 2 0:44:35.3 Yeah yeah	0:44:29.1	We have only 45 minutes to documentate it.
PERSON 2  0:44:35.3 Yeah yeah	PERSON 3	
0:44:35.3 Yeah yeah	0:44:33.6	Yeah, but we're kind of already doing-
	PERSON 2	
PERSON 3	0:44:35.3	Yeah yeah
	PERSON 3	

0:44:36.4	Yeah. Combination of individual signals, cannot lead to crashes
PERSON 2	
0:44:44.0	Yeah but that's not really a rule
PERSON 1	
0:44:47.9	Yeah well, it is a rule. You mean rules of the system? But it is a rule
PERSON 2	
0:44:54.4	Yeah ok. Combination of signals, four way-
PERSON 1	
0:45:02.6	Yeah, I don't get this part. What was it again. Students must be able
PERSON 2	to design each intersection, with or without the option-
0:45:09.9	Yeah that's about the sensoring information
PERSON 1	
0:45:12.4	Oh yeah
PERSON 2	
0:45:13.8	It's about the static and dynamic
PERSON 1	
0:45:14.9	Yeah
PERSON 2	
0:45:15.7	But that's what we already modelled.
PERSON 1	
0:45:18.8	Yeah ok cool.
PERSON 2	
0:45:23.1	Then we go to requirement three. The students must be able to
PERSON 1	simulate traffic flows. Yeah, already add it. Real-time [inaudible]1
0:45:23.1	Yeah
PERSON 2	
0:45:44.4	Yeah
PERSON 3	
0:45:44.8	Is also. The current state of intersection traffic lights should also be
PERSON 2	depicted visually. Yeah, that's also about the checking light behaviour
	so that's-
0:46:00.9	Oh you mean that if there aren't any cars, the lights should still be-
PERSON 2	
0:46:06.5	Yeah. Yeah. Well, the current state, so just on every time, also
PERSON 1	without input of the students you have to know what is the state of the light
0:46:20.3	Yeah
-	•

PERSON 2	
0:46:20.9	Yeah, or otherwise you can't change, because when you don't know
PERSON 1	what's the-
0:46:24.9	And also updated
PERSON 2	
0:46:26.5	[inaudible] yeah. That's also here, so
PERSON 1	
0:46:31.5	And we can decide our own, how to visualize it, information
PERSON 2	
0:46:38.5	Yeah. And then four, students must be able to change the traffic
PERSON 1	density that enters the map of a given road. Oh that's about the cars,
	or
0:46:58.7	Oh that's just about how many cars are on a road. And the-
PERSON 2	
0:47:06.0	How can we implement that?
PERSON 1	
0:47:11.2	Now you are in the simulation right? Constraints
PERSON 3	
0:47:15.5	But do they mean like, there has to be some certain rule that there
PERSON 2	can be no more than four cars on a road, or that they can change,
	like say, we can put twenty cars on the road but if I want three I can
	get also [inaudible] out of something? I don't know
0:47:34.2	Yeah, I know what you mean
PERSON 1	
0:47:35.8	Yeah
PERSON 2	
0:47:47.7	With, indeed, that's the simulation part so we can add in our
PERSON 1	documentation or explanation, like, ok it has be this and this but not
	add in the model
0:47:59.5	Mhm
PERSON 3	
0:47:59.5	Yeah
PERSON 2	
0:48:01.1	So
PERSON 1	
0:48:01.6	Ok
PERSON 2	

0:48:02.1	Something like density checker or
PERSON 1	
0:48:06.4	Something like that yeah, I think it's a good name.
PERSON 2	
0:48:10.2	[inaudible] checker
PERSON 3	
0:48:12.9	Ah that's better
PERSON 1	
0:48:13.1	Yeah. I think the last bit we already covered.
PERSON 2	
0:48:23.3	Yeah. Ok, so now we can- you can draw because you know how to
PERSON 1	draw professional
0:48:31.3	Oh my god, I really hate this, functional. Ok. So let's start. Ok, so we
PERSON 2	have to have- there's also a rule, it depends on if- are we going to do
	a FAM? I think for the functional we also have to do a petri net. Well
	we have to choose one process because you can't do all for a petri
	net. But let's just first do a FAM.
0:48:58.6	Ok
PERSON 3	
0:48:59.0	Ok
PERSON 1	
0:49:03.3	Ok. I don't know with which one we should start so, you can
PERSON 2	collaborate. So we can-
0:49:30.0	So now we are going to separate the functionalities of the
PERSON 1	simulation, functionalities of system global functionalities, or- and
	the rules of the system. Or not?
0:49:48.3	No. well, I don't know yet how we're going to incorporate this and
PERSON 2	this. Because this is- But we can make this a model, like for example,
	rules management or something.
0:50:03.2	Mhm
PERSON 1	
0:50:03.2	And then we can make, out of the rules management, a petri net
PERSON 2	
0:50:07.6	Mhm
PERSON 3	
0:50:08.3	Ok yeah ok
PERSON 1	

0:50:09.2 PERSON 2 Veah, I don't know PERSON 1 0:50:10.4 PERSON 2 Teah Name of the functional view, rules management. 0:50:15.8 PERSON 2 Veah So we're making first an overall-PERSON 2 Veah Mow to-what kind of models we can have. For example, varying lengths of road. 0:50:34.2 PERSON 1 Veah. And therefore we have to have a model that represents that. So, a module, not a model, a module. 0:50:49.1 PERSON 2 So, a module, not a model, a module. 0:50:50:52.3 This is yours? PERSON 3 Veah. And therefore we have to have a model that represents that. So:50:55.1 This? No PERSON 2 Co.50:55.1 Oh PERSON 3 Co.50:55.6 Oh PERSON 3 Co.50:57.6 Ok PERSON 3 Co.50:57.6 Ok PERSON 3 Co.50:57.6 Ok PERSON 3 Co.50:58.8 PERSON 1 Co.50:50:50.5 Model. Oh a process diagram Model. Oh a process diagram Model. Oh a process diagram Which is also functional view PERSON 1 Which is also functional view		
0:50:10.4 Yeah, that's good. And then just mention in the functional view, rules management. 0:50:15.8 PERSON 2 0:50:16.3 Yeah ok PERSON 1 0:50:17.1 Yeah. So we're making first an overall- PERSON 2 0:50:21.2 PERSON 1 0:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road. 0:50:34.2 PERSON 1 0:50:35.0 Yeah. And therefore we have to have a model that represents that. 0:50:35.0 So, a module, not a model, a module. 0:50:49.1 Bu then you can then name that module varying lengths of road 0:50:52.3 PERSON 3 0:50:55.1 Oh PERSON 2 0:50:55.1 Oh PERSON 3 0:50:56.0 This is mine PERSON 3 0:50:56.0 This is mine PERSON 3 0:50:56.8 PERSON 3 0:50:50.8 Ok, can I look? Cause then I know, for example- PERSON 2 0:51:09.3 Which is also functional view	0:50:09.2	Yeah, I don't know
PERSON 1 management.  0:50:15.8 PERSON 2  0:50:16.3 PERSON 1  0:50:17.1 Yeah. So we're making first an overall-PERSON 2  0:50:21.2 PERSON 1  0:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road.  0:50:34.2 PERSON 1  0:50:34.2 PERSON 1  0:50:35.0 Yeah. And therefore we have to have a model that represents that. So, a module, not a model, a module.  0:50:49.1 PERSON 1  0:50:52.3 This is yours?  PERSON 3  0:50:54.3 PERSON 2  0:50:55.1 Oh  PERSON 3  0:50:56.0 PERSON 3  0:50:57.6 Ok  PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 2	
0:50:15.8 PERSON 2 0:50:16.3 PERSON 1 0:50:17.1 PERSON 2 0:50:21.2 Yeah 0:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road. 0:50:34.2 PERSON 1 0:50:34.2 PERSON 2 0:50:35.0 Yeah. And therefore we have to have a model that represents that. 0:50:49.1 PERSON 2 0:50:52.3 This is yours? PERSON 3 0:50:54.3 PERSON 3 0:50:55.1 Oh PERSON 3 0:50:55.1 Oh PERSON 3 0:50:55.0 This is mine PERSON 3 0:50:55.6 Ok PERSON 3 0:50:55.8 PERSON 1 0:50:55.8 Ok, can I look? Cause then I know, for example-PERSON 1 0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram 0:51:09.3 Which is also functional view	0:50:10.4	Yeah, that's good. And then just mention in the functional view, rules
PERSON 2  0:50:16.3 PERSON 1  0:50:17.1 PERSON 2  0:50:21.2 PERSON 1  0:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road.  0:50:34.2 PERSON 1  0:50:35.0 PERSON 2  0:50:35.0 PERSON 3  0:50:49.1 PERSON 1  0:50:52.3 This is yours? PERSON 3  0:50:54.3 PERSON 3  0:50:55.1 PERSON 2  0:50:55.1 PERSON 3  0:50:56.0 PERSON 3  0:50:57.6 PERSON 3  0:50:57.6 PERSON 3  0:50:57.6 PERSON 3  0:50:58.8 PERSON 3  0:50:58.8 Ok, can I look? Cause then I know, for example-PERSON 1  0:51:02.6 PERSON 2  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3  Which is also functional view	PERSON 1	management.
0:50:16.3 PERSON 1 0:50:17.1 Yeah. So we're making first an overall- PERSON 2 0:50:21.2 Yeah PERSON 1 0:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road. 0:50:34.2 That's a functionality PERSON 1 0:50:35.0 Yeah. And therefore we have to have a model that represents that. So, a module, not a model, a module. 0:50:49.1 Bu then you can then name that module varying lengths of road PERSON 1 0:50:52.3 This is yours? PERSON 3 0:50:54.3 This? No PERSON 2 0:50:55.1 Oh PERSON 3 0:50:55.0 This is mine PERSON 3 0:50:56.0 This is mine PERSON 3 0:50:58.8 Ok, can I look? Cause then I know, for example- PERSON 1 0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram 0:51:09.3 Which is also functional view	0:50:15.8	Yeah
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PERSON 1  0:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road.  0:50:34.2 PERSON 1  0:50:35.0 Yeah. And therefore we have to have a model that represents that.  PERSON 2 So, a module, not a model, a module.  0:50:49.1 Bu then you can then name that module varying lengths of road PERSON 1  0:50:52.3 This is yours?  PERSON 3  0:50:54.3 PERSON 2  0:50:55.1 Oh  PERSON 3  0:50:56.0 This is mine  PERSON 2  0:50:57.6 Ok  PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 2	
O:50:21.7 View and then- but we have to make models and I don't know yet how to-what kind of models we can have. For example, varying lengths of road.  O:50:34.2 That's a functionality  PERSON 1  O:50:35.0 Yeah. And therefore we have to have a model that represents that. So, a module, not a model, a module.  O:50:49.1 Bu then you can then name that module varying lengths of road PERSON 1  O:50:52.3 This is yours?  PERSON 3  O:50:54.3 This? No  PERSON 2  O:50:55.1 Oh  PERSON 2  O:50:55.6 Ok  PERSON 3  O:50:57.6 Ok  PERSON 3  O:50:58.8 PERSON 1  O:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  O:51:09.3 Which is also functional view	0:50:21.2	Yeah
PERSON 2 how to-what kind of models we can have. For example, varying lengths of road.  0:50:34.2 PERSON 1  0:50:35.0 Yeah. And therefore we have to have a model that represents that.  PERSON 2 So, a module, not a model, a module.  0:50:49.1 Bu then you can then name that module varying lengths of road  PERSON 3 This is yours?  PERSON 3 This? No  PERSON 2  0:50:55.1 Oh  PERSON 3  0:50:56.0 This is mine  PERSON 3  0:50:57.6 Ok  PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 1	
lengths of road.  0:50:34.2 PERSON 1  0:50:35.0 Yeah. And therefore we have to have a model that represents that. PERSON 2 0:50:49.1 PERSON 1  0:50:52.3 PERSON 3  0:50:54.3 PERSON 2  0:50:55.1 Oh PERSON 3  0:50:55.1 Oh PERSON 3  0:50:55.6 PERSON 3  0:50:57.6 PERSON 3  0:50:58.8 PERSON 3  0:50:58.8 PERSON 1  0:50:50.58 PERSON 2  0:50:50.58  Ok, can I look? Cause then I know, for example- PERSON 2  0:51:02.6 PERSON 2  0:51:09.3 Which is also functional view	0:50:21.7	View and then- but we have to make models and I don't know yet
O:50:34.2 PERSON 1  O:50:35.0 Veah. And therefore we have to have a model that represents that. So, a module, not a model, a module.  O:50:49.1 PERSON 1  O:50:52.3 PERSON 3  O:50:54.3 PERSON 2  O:50:55.1 Oh PERSON 3  O:50:56.0 PERSON 2  O:50:57.6 PERSON 3  OK, can I look? Cause then I know, for example- PERSON 1  O:51:02.6 PERSON 2  O:51:09.3 Which is also functional view	PERSON 2	how to-what kind of models we can have. For example, varying
PERSON 1  0:50:35.0 PERSON 2 O:50:49.1 PERSON 3  0:50:52.3 PERSON 3  0:50:55.1 PERSON 3  0:50:55.1 PERSON 3  0:50:55.1 PERSON 3  0:50:56.0 PERSON 2  0:50:57.6 PERSON 3  0:50:58.8 PERSON 3  0:50:58.8 PERSON 3  0:50:58.8 PERSON 3  0:50:50:50  Ok PERSON 3  0:50:50:50  Ok PERSON 3  Ok, can I look? Cause then I know, for example-PERSON 1  0:51:02.6 PERSON 2  Okho no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  O:51:09.3  Which is also functional view		lengths of road.
O:50:35.0 Yeah. And therefore we have to have a model that represents that.  So, a module, not a model, a module.  O:50:49.1 Bu then you can then name that module varying lengths of road  PERSON 1  O:50:52.3 This is yours?  PERSON 2  O:50:55.1 Oh  PERSON 3  O:50:56.0 This is mine  PERSON 2  O:50:57.6 Ok  PERSON 3  O:50:58.8 Ok, can I look? Cause then I know, for example-  PERSON 1  O:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  Which is also functional view	0:50:34.2	That's a functionality
PERSON 2 So, a module, not a model, a module.  0:50:49.1 Bu then you can then name that module varying lengths of road  0:50:52.3 This is yours?  PERSON 3  0:50:54.3 This? No  PERSON 2  0:50:55.1 Oh  PERSON 3  0:50:56.0 This is mine  PERSON 2  0:50:57.6 Ok  PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 1	
O:50:49.1 Bu then you can then name that module varying lengths of road PERSON 1 O:50:52.3 This is yours?  PERSON 2 O:50:54.3 This? No PERSON 2 O:50:55.1 Oh PERSON 3 O:50:56.0 This is mine PERSON 2 O:50:57.6 PERSON 3 O:50:58.8 PERSON 1 O:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram O:51:09.3 Which is also functional view	0:50:35.0	Yeah. And therefore we have to have a model that represents that.
PERSON 1  0:50:52.3 PERSON 3  0:50:54.3 PERSON 2  0:50:55.1 Oh PERSON 3  0:50:56.0 PERSON 2  0:50:57.6 PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 2	So, a module, not a model, a module.
O:50:52.3 PERSON 3 O:50:54.3 This is yours?  PERSON 2 O:50:55.1 Oh  PERSON 3 O:50:56.0 This is mine  PERSON 2 O:50:57.6 PERSON 3 O:50:58.8 PERSON 1 O:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram O:51:09.3 Which is also functional view	0:50:49.1	Bu then you can then name that module varying lengths of road
PERSON 3  0:50:54.3 PERSON 2  0:50:55.1 PERSON 3  0:50:56.0 PERSON 2  0:50:57.6 PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 PERSON 2  Which is also functional view	PERSON 1	
0:50:54.3 PERSON 2 0:50:55.1 Oh PERSON 3 0:50:56.0 PERSON 2 0:50:57.6 PERSON 3 0:50:58.8 PERSON 1 0:50:58.8 PERSON 1 0:51:02.6 PERSON 2 Which is also functional view	0:50:52.3	This is yours?
O:50:55.1 Oh PERSON 3  O:50:56.0 This is mine PERSON 2  O:50:57.6 Ok PERSON 3  O:50:58.8 PERSON 1  O:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  O:51:09.3 Which is also functional view	PERSON 3	
0:50:55.1 Oh PERSON 3  0:50:56.0 This is mine PERSON 2  0:50:57.6 Ok PERSON 3  0:50:58.8 Ok, can I look? Cause then I know, for example- PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	0:50:54.3	This? No
PERSON 3  0:50:56.0 This is mine PERSON 2  0:50:57.6 Ok PERSON 3  0:50:58.8 Ok, can I look? Cause then I know, for example- PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process PERSON 2 model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 2	
0:50:56.0 PERSON 2 0:50:57.6 PERSON 3 0:50:58.8 PERSON 1 0:51:02.6 PERSON 2 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram 0:51:09.3 Which is also functional view	0:50:55.1	Oh
PERSON 2  0:50:57.6 Ok PERSON 3  0:50:58.8 Ok, can I look? Cause then I know, for example- PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process PERSON 2 model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 3	
0:50:57.6 PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 PERSON 2 Mo no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	0:50:56.0	This is mine
PERSON 3  0:50:58.8 PERSON 1  0:51:02.6 PERSON 2  No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3  Which is also functional view	PERSON 2	
0:50:58.8 PERSON 1  0:51:02.6 PERSON 2  No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3  Which is also functional view	0:50:57.6	Ok
PERSON 1  0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 3	
0:51:02.6 No no no, because I have to translate this to a FAM, this is process model. Oh a process diagram 0:51:09.3 Which is also functional view	0:50:58.8	Ok, can I look? Cause then I know, for example-
PERSON 2 model. Oh a process diagram  0:51:09.3 Which is also functional view	PERSON 1	
0:51:09.3 Which is also functional view	0:51:02.6	No no no, because I have to translate this to a FAM, this is process
	PERSON 2	model. Oh a process diagram
PERSON 1	0:51:09.3	Which is also functional view
	PERSON 1	

0:51:11.1	Yeah.
PERSON 2	
0:51:12.1	But then it's ok, we don't need to do a FAM now
PERSON 1	
0:51:17.1	Oh ok
PERSON 2	
0:51:18.2	Because we have only 1 hour left or something so
PERSON 1	
0:51:22.0	Ok
PERSON 2	
0:51:22.6	Maybe
PERSON 1	
0:51:24.8	Then we can just-then I'll just do something. We're on 50 minutes,
PERSON 2	you want a break?
0:51:30.7	No
PERSON 3	
0:51:31.1	Ok
PERSON 2	
0:51:33.6	Just for checking
PERSON 3	
0:51:35.9	But I really have to get a good view of how the system works. So with
PERSON 2	what functionality do we start?
0:51:47.1	Global functionalities, and then specific functionalities
PERSON 1	
0:51:50.9	Yeah ok
PERSON 2	
0:51:51.9	I think, something like that
PERSON 1	
0:51:53.9	And in the specific functionality can, map designing
PERSON 3	
0:52:01.9	So we can have a module that is map creating
PERSON 2	
0:52:04.6	And then a real-time simulation
PERSON 3	
0:52:06.0	Yeah
PERSON 1	
0:52:06.7	During real-time simulation you can change some parameters, cause

PERSON 3	on the description said that you can change the scenarios between
	the simulations
0:52:13.6	Yeah
PERSON 1	
0:52:15.1	Can we have, oh I didn't realize that
PERSON 2	
0:52:18.1	Ok, can you give me-
PERSON 1	
0:52:18.1	But yeah so, two different-
PERSON 3	
0:52:24.3	Processes, modules
PERSON 1	
0:52:26.4	Yeah well-
PERSON 3	
0:52:26.9	Functionalities
PERSON 1	
0:52:28.1	Yeah but what was the- two different?
PERSON 3	
0:52:30.5	Global functionalities-
PERSON 1	
0:52:31.3	Yeah exactly
PERSON 3	
0:52:31.9	Global and specific yeah
PERSON 2	
0:52:32.5	Yeah
PERSON 1	
0:52:33.2	Two different modules, the global functionalities, which means like
PERSON 3	the GUI, like the [inaudible]
0:52:39.8	Yeah the [inaudible] centre
PERSON 2	
0:52:41.1	All the general stuff like database and connections and stuff. And
PERSON 3	then on the specific functionality we have, first the map, the map
	designing, which means we are designing the road, which
	intersections are, where are the signals, and then you have the
	preset simulations. When you set the flux, when it comes, when it
	goes, how many cars per hour or per minute. And then you have a
	different module, which means like real-time simulation that you can

Change [inaudible] see how it works on real-time. Yeah.   O:53:22.8   PERSON 1		
PERSON 1 0:53:26.2 PERSON 3 0:53:30.2 Ok. And then list or something, or modules, that's- I don't know what's the right modelling technique. 0:53:43.3 PERSON 2 0:53:47.5 PERSON 1 0:53:49.6 PERSON 2 0:53:50.5 PERSON 1 0:53:50.9 PERSON 1 0:53:57.9 PERSON 1 0:53:58.6 PERSON 1 0:53:58.6 Yeah PERSON 1 0:53:58.6 Yeah PERSON 1 0:53:58.6 Yeah PERSON 1 0:53:59.2 PERSON 1 0:54:38.7 PERSON 3 0:54:31.8 PERSON 3 0:54:31.8 PERSON 1 0:54:38.5 Rules management of course		change [inaudible] see how it works on real-time. Yeah.
0:53:26.2 PERSON 3 0:53:30.2 PERSON 1 0:53:43.3 PERSON 1 0:53:47.5 PERSON 2 0:53:49.6 PERSON 1 0:53:50.9 PERSON 1 0:53:50.9 PERSON 1 0:53:59.2 PERSON 2 0:53:59.2 PERSON 2 0:53:59.2 PERSON 2 0:53:59.2 PERSON 3 0:54:34.3 PERSON 1 0:54:28.7 PERSON 1 0:54:28.7 PERSON 1 0:54:31.8 PERSON 1 0:54:33.8 PERSON 1 0:54:34.7 PERSON 3 0:54:34.7 PERSON 1 0:54:34.7 PERSON 1 0:54:35.8 PERSON 1 0:54:35.8 PERSON 3 0:54:34.7 PERSON 3 0:54:34.7 PERSON 1 0:54:38.5 PERSON 1 0:54:38.5 PERSON 1 0:54:38.5 PERSON 3 0:54:34.7 PERSON 1 0:54:38.5 PERSON 1 0:54:38.5 PERSON 1 0:54:38.5 PERSON 1 0:54:38.5 PERSON 3 0:54:34.7 PERSON 1 0:54:38.5 PERSON 1	0:53:22.8	Yeah. Ok something like this?
PERSON 3  0:53:30.2 PERSON 1  0:53:43.3 PERSON 2  0:53:47.5 PERSON 1  0:53:49.6 PERSON 1  0:53:50.5 PERSON 1  0:53:57.9 PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 PERSON 1  0:54:39.6 PERSON 1  0:54:38.5  Cause I think it's more specific PERSON 3  0:54:31.8 PERSON 1  0:54:38.5  Rules management of course	PERSON 1	
O:53:30.2 PERSON 1 Ok. And then list or something, or modules, that's- I don't know what's the right modelling technique. Veah you have, like, modules, those are this. Like somewhat- PERSON 2 O:53:47.5 PERSON 1 O:53:49.6 PERSON 2 O:53:50.5 PERSON 1 O:53:50.9 PERSON 2 O:53:57.9 PERSON 1 O:53:58.6 PERSON 2 O:53:58.6 PERSON 2 O:53:59.2 Yeah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management O:54:09.6 PERSON 1 O:54:29.7 PERSON 1 O:54:28.7 PERSON 3 O:54:31.8 PERSON 1 O:54:33.8 Cause I think it's more specific PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:26.2	Yes. Yeah
PERSON 1 what's the right modelling technique.  0:53:43.3 PERSON 2 0:53:47.5 PERSON 1 0:53:49.6 PERSON 2 0:53:50.5 PERSON 1 0:53:50.9 PERSON 1 0:53:57.9 PERSON 1 0:53:58.6 PERSON 2 0:53:59.2 PERSON 1 0:54:99.6 Rules management   think yeah. And then maybe map creation also? Cause that's what the- 0:54:19.1 PERSON 1 0:54:28.7 PERSON 3 0:54:31.8 PERSON 3 0:54:33.8 PERSON 1 0:54:33.8 PERSON 1 0:54:33.8 PERSON 3 0:54:33.8 PERSON 3 0:54:33.8 PERSON 3 0:54:33.8 PERSON 1 0:54:33.8 PERSON 1 0:54:33.8 PERSON 3 0:54:33.8 PERSON 1 0:54:33.8 PERSON 3 0:54:33.8 PERSON 1 0:54:33.5 PERSON 1	PERSON 3	
O:53:43.3 PERSON 2 O:53:47.5 PERSON 1 O:53:49.6 PERSON 2 O:53:50.9 PERSON 2 O:53:57.9 Global PERSON 2 O:53:58.6 PERSON 2 O:53:59.2 PERSON 1 O:54:09.6 PERSON 2 O:54:28.7 PERSON 3 O:54:31.8 PERSON 3 O:54:33.8 PERSON 3 O:54:33.8 PERSON 1 O:54:33.8 PERSON 1 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:30.2	Ok. And then list or something, or modules, that's- I don't know
PERSON 2  0:53:47.5 PERSON 1  0:53:49.6 PERSON 2  0:53:50.5 PERSON 1  0:53:50.9 PERSON 2  0:53:57.9 PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 Veah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  0:54:09.6 PERSON 2  0:54:19.1 PERSON 1  0:54:28.7 PERSON 3  0:54:31.8 PERSON 1  0:54:33.8 PERSON 3  0:54:34.7 PERSON 1  0:54:33.5 Rules management of course	PERSON 1	what's the right modelling technique.
O:53:47.5 PERSON 1 O:53:49.6 PERSON 2 O:53:50.5 PERSON 1 O:53:50.9 PERSON 2 O:53:57.9 PERSON 1 O:53:58.6 PERSON 2 O:53:59.2 Veah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management O:54:09.6 PERSON 2 O:54:19.1 Veah. And what's in here PERSON 1 O:54:28.7 PERSON 3 O:54:31.8 PERSON 3 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:43.3	Yeah you have, like, modules, those are this. Like somewhat-
PERSON 1  0:53:49.6 PERSON 2  0:53:50.5 PERSON 1  0:53:50.9 PERSON 2  0:53:57.9 PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 PERSON 1  0:54:09.6 PERSON 2  0:54:31.8 PERSON 3  0:54:31.8 PERSON 3  0:54:33.8 PERSON 3  0:54:34.7 PERSON 1  0:53:35.9  Systems  Yeah And you can request information or give information. That's the most- most- global  Weah  Many or an request information or give information. That's the most- most- global  Weah  And you can request information or give information. That's the most- most- global  Weah  And you can request information or give information. That's the most- most- global  Weah  Person 1  Weah  And you can request information or give information. That's the most- most- global  Weah  Person 2  Clobal  Weah  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  Weah ok. So first the rule	PERSON 2	
O:53:49.6 PERSON 2 O:53:50.5 PERSON 1 O:53:50.9 PERSON 2 O:53:57.9 PERSON 1 O:53:58.6 PERSON 2 O:53:59.2 PERSON 1 O:54:09.6 PERSON 2 O:54:19.1 PERSON 1 O:54:28.7 PERSON 3 O:54:31.8 PERSON 3 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:47.5	Management
PERSON 2  0:53:50.5 PERSON 1  0:53:50.9 PERSON 2  0:53:57.9 PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 PERSON 1  0:54:09.6 PERSON 2  0:54:19.1 PERSON 1  0:54:28.7 PERSON 3  0:54:31.8 PERSON 1  0:54:33.8 PERSON 1  0:54:33.8 PERSON 3  0:54:34.7 PERSON 1  0:54:34.7 PERSON 1  0:54:38.5 Rules management of course	PERSON 1	
O:53:50.5 PERSON 1 O:53:50.9 PERSON 2 O:53:57.9 PERSON 1 O:53:58.6 PERSON 2 O:53:59.2 PERSON 1 O:54:09.6 PERSON 2 O:54:28.7 PERSON 3 O:54:31.8 PERSON 1 O:54:33.8 PERSON 3 O:54:34.7 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:49.6	Systems
PERSON 1  0:53:50.9 PERSON 2  0:53:57.9 PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 PERSON 1  0:54:09.6 PERSON 2  0:54:19.1 PERSON 1  0:54:28.7 PERSON 3  0:54:31.8 PERSON 3  0:54:33.8 PERSON 1  0:54:34.7 PERSON 1  0:54:38.5 Rules management of course	PERSON 2	
O:53:50.9 And you can request information or give information. That's the most- O:53:57.9 Global PERSON 1 O:53:58.6 PERSON 2 O:53:59.2 Yeah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management O:54:09.6 PERSON 2 Cause that's what the- O:54:19.1 PERSON 1 O:54:28.7 PERSON 3 O:54:31.8 PERSON 1 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:50.5	Yeah
PERSON 2  0:53:57.9 PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 PERSON 1  0:54:09.6 PERSON 2  Cause that's what the-PERSON 1  0:54:28.7 PERSON 3  0:54:31.8 PERSON 1  0:54:33.8 PERSON 3  0:54:34.7 PERSON 1  0:54:38.5  Rules management of course	PERSON 1	
O:53:57.9 PERSON 1 O:53:58.6 PERSON 2 O:53:59.2 PERSON 1 O:54:09.6 PERSON 2 Cause that's what the- PERSON 1 O:54:28.7 PERSON 3 O:54:31.8 PERSON 1 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:50.9	And you can request information or give information. That's the
PERSON 1  0:53:58.6 PERSON 2  0:53:59.2 PERSON 1  0:54:09.6 PERSON 2  Cause that's what the- 0:54:19.1 PERSON 1  0:54:28.7 PERSON 3  0:54:31.8 PERSON 1  0:54:33.8 PERSON 3  0:54:34.7 PERSON 1  0:54:38.5 Rules management of course	PERSON 2	most-
O:53:58.6 PERSON 2  O:53:59.2 PERSON 1  O:54:09.6 PERSON 2  Cause that's what the- O:54:19.1 PERSON 3  O:54:31.8 PERSON 1  O:54:33.8 PERSON 3  O:54:34.7 PERSON 1  O:54:38.5  Rules management of course	0:53:57.9	Global
PERSON 2  0:53:59.2 Yeah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management  0:54:09.6 Rules management I think yeah. And then maybe map creation also?  Cause that's what the-  0:54:19.1 Yeah. And what's in here  PERSON 1  0:54:28.7 PERSON 3  0:54:31.8 PERSON 1  0:54:33.8 Cause I think it's more specific  PERSON 3  0:54:34.7 PERSON 1  0:54:38.5 Rules management of course	PERSON 1	
O:53:59.2 PERSON 1 O:54:09.6 PERSON 2 O:54:19.1 PERSON 3 O:54:31.8 PERSON 1 O:54:33.8 PERSON 3 O:54:34.7 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5  Yeah ok. So this are the global functionalities. So first the rules of the system, or how do you, rules management Overall and then maybe map creation also? Cause that's what the- Yeah. And what's in here  Yeah. And what's in here  Map creation wouldn't be here also  Cause I think it's more specific  Yeah this is just  Yeah this is just  PERSON 1 O:54:34.7 PERSON 1 O:54:38.5  Rules management of course	0:53:58.6	Yeah
PERSON 1 system, or how do you, rules management  0:54:09.6 Rules management I think yeah. And then maybe map creation also?  Cause that's what the-  0:54:19.1 Yeah. And what's in here  PERSON 1  0:54:28.7 Map creation wouldn't be here also  PERSON 3  0:54:31.8 Yeah that's right  PERSON 1  0:54:33.8 Cause I think it's more specific  PERSON 3  0:54:34.7 Yeah this is just  PERSON 1  0:54:38.5 Rules management of course	PERSON 2	
O:54:09.6 PERSON 2 Cause that's what the- O:54:19.1 PERSON 1 O:54:28.7 PERSON 3 O:54:31.8 PERSON 1 O:54:33.8 PERSON 3 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management I think yeah. And then maybe map creation also? Cause that's what the- O:54:19.1 Yeah. And what's in here Person 3 O:54:31.8 Yeah that's right Cause I think it's more specific PERSON 3 O:54:33.8 PERSON 3 O:54:34.7 PERSON 1 O:54:38.5 Rules management of course	0:53:59.2	Yeah ok. So this are the global functionalities. So first the rules of the
PERSON 2 Cause that's what the- 0:54:19.1 Yeah. And what's in here  PERSON 1  0:54:28.7 Map creation wouldn't be here also  PERSON 3  0:54:31.8 Yeah that's right  PERSON 1  0:54:33.8 Cause I think it's more specific  PERSON 3  0:54:34.7 Yeah this is just  PERSON 1  0:54:38.5 Rules management of course	PERSON 1	system, or how do you, rules management
0:54:19.1 Yeah. And what's in here PERSON 1  0:54:28.7 Map creation wouldn't be here also PERSON 3  0:54:31.8 Yeah that's right PERSON 1  0:54:33.8 Cause I think it's more specific PERSON 3  0:54:34.7 Yeah this is just PERSON 1  0:54:38.5 Rules management of course	0:54:09.6	Rules management I think yeah. And then maybe map creation also?
PERSON 1  0:54:28.7 Map creation wouldn't be here also PERSON 3  0:54:31.8 Yeah that's right PERSON 1  0:54:33.8 Cause I think it's more specific PERSON 3  0:54:34.7 Yeah this is just PERSON 1  0:54:38.5 Rules management of course	PERSON 2	Cause that's what the-
0:54:28.7 PERSON 3  0:54:31.8 PERSON 1  0:54:33.8 PERSON 3  Cause I think it's more specific PERSON 3  0:54:34.7 PERSON 1  0:54:38.5 Rules management of course	0:54:19.1	Yeah. And what's in here
PERSON 3  0:54:31.8 Yeah that's right PERSON 1  0:54:33.8 Cause I think it's more specific PERSON 3  0:54:34.7 Yeah this is just PERSON 1  0:54:38.5 Rules management of course	PERSON 1	
0:54:31.8 Yeah that's right  PERSON 1  0:54:33.8 Cause I think it's more specific  PERSON 3  0:54:34.7 Yeah this is just  PERSON 1  0:54:38.5 Rules management of course	0:54:28.7	Map creation wouldn't be here also
PERSON 1  0:54:33.8 Cause I think it's more specific PERSON 3  0:54:34.7 Yeah this is just PERSON 1  0:54:38.5 Rules management of course	PERSON 3	
0:54:33.8 PERSON 3  0:54:34.7 PERSON 1  0:54:38.5  Rules management of course	0:54:31.8	Yeah that's right
PERSON 3  0:54:34.7 PERSON 1  0:54:38.5  Rules management of course	PERSON 1	
0:54:34.7 Yeah this is just PERSON 1 0:54:38.5 Rules management of course	0:54:33.8	Cause I think it's more specific
PERSON 1  0:54:38.5 Rules management of course	PERSON 3	
0:54:38.5 Rules management of course	0:54:34.7	Yeah this is just
	PERSON 1	
PERSON 3	0:54:38.5	Rules management of course
	PERSON 3	

0:54:41.6 PERSON 1  0:54:42.7 Interface GUI, I don't know what this means, what this- PERSON 3  0:54:47.3 PERSON 2  0:54:48.8 PERSON 3  0:54:50.9 PERSON 1  0:54:53.9 PERSON 3
0:54:42.7 Interface GUI, I don't know what this means, what this- PERSON 3 0:54:47.3 Graphical user interface PERSON 2 0:54:48.8 Ah PERSON 3 0:54:50.9 Ok PERSON 1 0:54:53.9 Database connection?
PERSON 3  0:54:47.3 Graphical user interface  PERSON 2  0:54:48.8 Ah  PERSON 3  0:54:50.9 Ok  PERSON 1  0:54:53.9 Database connection?
0:54:47.3 Graphical user interface  0:54:48.8 Ah  PERSON 3  0:54:50.9 Ok  PERSON 1  0:54:53.9 Database connection?
PERSON 2  0:54:48.8 Ah  PERSON 3  0:54:50.9 Ok  PERSON 1  0:54:53.9 Database connection?
0:54:48.8 Ah PERSON 3  0:54:50.9 Ok PERSON 1  0:54:53.9 Database connection?
PERSON 3  0:54:50.9 Ok  PERSON 1  0:54:53.9 Database connection?
0:54:50.9 Ok PERSON 1 0:54:53.9 Database connection?
PERSON 1 0:54:53.9 Database connection?
0:54:53.9 Database connection?
PERSON 3
0:55:00.1 What, why?
PERSON 2
0:55:01.9 Or you just-
PERSON 3
0:55:02.4 Because I think yeah
PERSON 2
0:55:03.7 Ok
PERSON 3
0:55:06.1 It's a functionality
PERSON 1
0:55:08.2 Why. Database connection
PERSON 2
0:55:12.8 It's a functional [inaudible]
PERSON 3
0:55:12.8 Ok yeah, but I don't think it's like, a module
PERSON 2
0:55:18.5 So maybe-
PERSON 3
0:55:19.0 You can just
PERSON 2
0:55:19.5 Import and export moduling, you get files and [inaudible]
PERSON 3
0:55:24.2 Connector, maybe we have to call the module connectors.
PERSON 1 Connector.
0:55:31.2 Alright

PERSON 2	
0:55:33.3	Yeah no, I don't think so because I think a connector is more for like,
PERSON 3	plugins
0:55:37.0	Oh ok
PERSON 1	
0:55:37.0	Oh yeah
PERSON 2	
0:55:38.4	So what's your-
PERSON 1	
0:55:39.7	Import and export module, I think
PERSON 3	
0:55:42.2	Ok yeah
PERSON 1	
0:55:44.8	Yeah. Or can they just be in with the arrows, like information flow, so
PERSON 2	not a module but a- it's information flow, or yeah call it information
	flow
0:55:58.3	Ok. This- so that are the global functionalities, rules management,
PERSON 1	import/export data, and the interface
0:56:06.3	Right is import and export data. Here- it's here. Ok. [laugh]
PERSON 3	
0:56:12.6	Ok
PERSON 1	
0:56:14.0	No no, just checking
PERSON 3	
0:56:17.0	Ok. So, and then we have-
PERSON 1	
0:56:19.9	So we also have to have some sort of checker. Because it checks on
PERSON 2	density but also on some other stuff [inaudible]
0:56:27.8	And we can connect it here-
PERSON 1	
0:56:29.9	Oh yeah
PERSON 2	
0:56:30.5	Specific
PERSON 1	
0:56:31.6	Ok
PERSON 2	
0:56:31.9	Because now you have map design

PERSON 1	
0:56:33.5	But the checker we can connect to the, also to the rules so-
PERSON 2	
0:56:38.5	Mhm
PERSON 3	
0:56:39.0	Management I think
PERSON 2	
0:56:39.8	Yeah? Yeah indeed. So, you mean, checker as a global functionality,
PERSON 1	or just here
0:56:50.4	Yeah, I don't know yet
PERSON 2	
0:56:51.9	Presetting simulation is the checker heh. So and then we can connect
PERSON 2	
0:56:56.2	Yeah
PERSON 2	
0:56:58.7	This just connected
PERSON 1	
0:56:59.6	Yeah
PERSON 2	
0:57:01.3	Ok, checker light behaviour
PERSON 1	
0:57:07.5	The outsource
PERSON 3	
0:57:10.4	And then rules management. Ok. We have another, oh yeah, density
PERSON 1	bottleneck checker
0:57:26.5	Yeah but I think-
PERSON 2	
0:57:27.4	That's for all, or map design?
PERSON 1	
0:57:28.7	I thought maybe we can take checkers global, and then specify this.
PERSON 2	So we have more view on it.
0:57:38.7	But the bottleneck checker, that's also juts in the presetting
PERSON 1	simulation?
0:57:45.3	Yeah I think so. I think it's part of the-
PERSON 2	
0:57:47.3	Not in the real-time?
PERSON 1	

0:57:48.3	Because, like, for example, here. No I can't find, yeah.
PERSON 2 0:57:59.5	Ok so just call it [inaudible]
0.57.59.5 PERSON 1	Ok so just call it [inaudible]
0:58:01.0	Yeah, for example, here- oh sorry
PERSON 2	reall, for example, here- on sorry
0:58:02.8	Voah voah
PERSON 1	Yeah yeah
0:58:03.2	You don't know. Ok. Here they made a functional view. And then
PERSON 2	they don't want to specify author anymore. So, they did that here,
LINSON	then the scope is authoring and they say how the functionalities are
	linked. I thought perhaps we could do that with the bottlenecks
	checker
0:58:21.6	Ok so just checker-
PERSON 1	
0:58:24.1	But only if we have time to do more views
PERSON 2	
0:58:29.8	Yeah. And then light behaviour, and maybe then we have to specify
PERSON 1	bottlenecks, because otherwise it's just too much else
0:58:43.2	yeah. And the outsource- software are you gonna use for checking
PERSON 3	the map flux, for example, I'm gonna- we can give a name for
	example, metric flux. Because we did in Brazil like a metric flux that
	input the [inaudible] so we can- this one can be an outsource
	package
0:59:04.7	Ok
PERSON 1	
0:59:05.2	Ok
PERSON 2	
0:59:05.6	All metric flows checker
PERSON 3	
0:59:11.3	Oh, in the checker
PERSON 1	
0:59:12.1	Yeah maybe
PERSON 3	
0:59:12.7	Ok
PERSON 1	
0:59:12.7	I don't know

PERSON 3	
0:59:14.5	Metric, how do I spell it, like this?
PERSON 1	
0:59:17.2	You- yeah, that's a good one
PERSON 2	
0:59:17.8	Metric flows
PERSON 1	
0:59:20.0	Metric flows checker, yeah.
PERSON 3	
0:59:23.3	Ok. And this is for-
PERSON 1	
0:59:28.6	For giving the bottlenecks maybe?
PERSON 3	
0:59:30.0	Yeah ok. And what about light behaviour, we can just, yeah, maybe
PERSON 1	we have to specify what we want to know and that's the current
	state.
0:59:46.8	Mhm
PERSON 3	
0:59:50.8	No? You're not allowed to-
PERSON 1	
0:59:52.2	No that's ok. We'll change it later
PERSON 2	
0:59:54.5	Yeah. What- current state maybe, we want to know whether it's as
PERSON 1	an arrow or not? So is the light for [inaudible]
1:00:10.3	Oh you mean- yeah
PERSON 2	
1:00:11.5	Yeah. I don't know how to describe basically
PERSON 1	
1:00:16.1	Light visualization or something like that
PERSON 2	
1:00:18.4	I don't know. What is four?
PERSON 1	
1:00:24.7	Shape?
PERSON 2	
1:00:24.7	Yeah. Shape of the light
PERSON 1	
1:00:36.6	You need a pattern

PERSON 3	
1:00:38.2	Yeah
PERSON 1	
1:00:38.6	Ok
PERSON 3	
1:00:38.6	Ok maybe it's [inaudible]
PERSON 1	
1:00:40.9	Shape was like, what does it mean or
PERSON 3	
1:00:42.6	Yeah
PERSON 1	
1:00:44.4	No but it's- It's an arrow, to the left. She's talking about when you're
PERSON 2	
1:00:48.9	Like, it's going in this direction, or that direction.
PERSON 3	
1:00:51.8	Yeah if you're on the left lane, the traffic light is [inaudible] to the-
PERSON 2	
1:00:57.9	Shapes, shapes that, I think that. Ok
PERSON 3	
1:01:00.4	You shape your- you think of rectangle and-
PERSON 2	
1:01:02.9	Yeah
PERSON 1	
1:01:03.6	Yeah ok
PERSON 2	
1:01:04.0	Thinking about the light and-
PERSON 1	
1:01:05.5	Maybe it's pattern to constraint
PERSON 3	
1:01:08.2	Ok pattern.
PERSON 1	
1:01:08.6	Ok
PERSON 2	
1:01:09.9	We can explain, so then it's good
PERSON 1	
1:01:11.2	Yeah, we have to explain so
PERSON 3	

1:01:13.3 PERSON 1	Ok, something we need to check. Density of the roads? But that's the metric flux heh, or not? It's bottlenecks. Maybe we have to check
LIGONI	how many cars are- we have to set a maximum.
1:01:32.3	Yeah that depends what a [inaudible]
PERSON 2	
1:01:35.7	It will be an outcome of the process, like, you want to give like, how
PERSON 3	many cars it's supporting on this intersection, for example.
1:01:45.9	Mhm yeah. Yeah but-
PERSON 2	
1:01:48.1	Shall we-
PERSON 1	
1:01:48.4	Do we make it a rule, like for example, there can be no more then-
PERSON 2	
1:01:52.1	Yeah yeah
PERSON 3	
1:01:52.9	Or do we-
PERSON 2	
1:01:55.2	And the roles can be set, also, by the user
PERSON 3	
1:01:57.6	Yeah-
PERSON 1	
1:01:57.6	But we can also let the user decide to- yeah.
PERSON 2	
1:02:03.4	Ok, but then we don't edit in checker but in rules management.
PERSON 1	Yeah?
1:02:08.1	Yeah
PERSON 2	
1:02:08.8	Ok. So let's specify rules management now
PERSON 1	
1:02:13.3	Like, for example
PERSON 3	
1:02:15.7	At least six intersections. Maximum of cars, something
PERSON 1	
1:02:25.2	Yes yes, how many minutes a car can wait on a single street
PERSON 3	
1:02:33.9	Maximum of waiting time then?
PERSON 1	

1:02:36.7 PERSON 3 1:02:41.9 PERSON 1 1:02:43.1 I don't know how if- PERSON 3 1:02:43.6 PERSON 1 1:02:43.6 PERSON 3 1:02:44.8 PERSON 3 1:02:47.9 PERSON 1 1:02:49.8 PERSON 3 1:02:59.8 PERSON 3 1:02:50.0 PERSON 1 1:03:08.0 PERSON 2 1:03:08.0 PERSON 2 1:03:08.0 PERSON 2 1:03:08.0 PERSON 2 1:03:19.1 PERSON 1 1:03:19.1 PERSON 1 1:03:19.1 PERSON 1 1:03:29.4 PERSON 2 1:03:29.4 PERSON 2 1:03:29.4 PERSON 2 1:03:29.4 PERSON 2 1:03:33.5 I don't know how we can put this, like a model yet		
1:02:41.9 PERSON 1 1:02:43.1 PERSON 3 1:02:43.6 PERSON 1 1:02:44.8 PERSON 3 1:02:47.9 PERSON 1 1:02:49.8 PERSON 3 1:02:50.0 PERSON 1 1:02:58.7 PERSON 2 1:03:01.8 PERSON 3 1:03:01.8 PERSON 4 1:03:01.8 PERSON 5 1:03:01.8 PERSON 6 PERSON 1 1:03:01.9 PERSON 1 1:03:19.1 PERSON 1 1:03:19.8 PERSON 2 1:03:27.0 PERSON 1 1:03:29.4 PERSON 1 1:03:31.0 PERSON 1	1:02:36.7	Yeah, or maybe maximum- minimum speed
PERSON 1  1:02:43.1 PERSON 3  1:02:43.6 PERSON 1  1:02:44.8 PERSON 3  1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 3  1:02:58.7 PERSON 1  1:03:01.8 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 1  1:03:17.9 PERSON 1  1:03:19.1 PERSON 1  1:03:19.8 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1	PERSON 3	
1:02:43.1 PERSON 3 1:02:43.6 PERSON 1 1:02:44.8 PERSON 3 1:02:47.9 PERSON 1 1:02:49.8 PERSON 3 1:02:50.0 PERSON 1 1:02:58.7 PERSON 2 1:03:01.8 PERSON 2 1:03:08.0 PERSON 2 1:03:08.0 PERSON 2 1:03:17.9 PERSON 1 1:03:17.9 PERSON 1 1:03:19.8 PERSON 2 1:03:21.9.1 PERSON 1 1:03:29.4 PERSON 2 1:03:27.0 PERSON 1 1:03:29.4 PERSON 2 1:03:27.0 PERSON 2 1:03:27.0 PERSON 1 1:03:29.4 PERSON 1 1:03:29.4 PERSON 1 1:03:31.0 Combination PERSON 1	1:02:41.9	Minimum speed?
PERSON 3  1:02:43.6 PERSON 1  1:02:44.8 PERSON 3  1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 2  1:03:19.1 PERSON 2  1:03:19.1 PERSON 1  1:03:27.0 PERSON 1  1:03:27.0 PERSON 1  1:03:27.0 PERSON 1  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 2  1:03:31.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1	PERSON 1	
1:02:43.6 PERSON 1  1:02:44.8 PERSON 3  1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:17.9 PERSON 2  1:03:19.1 PERSON 2  1:03:19.8 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1	1:02:43.1	I don't know how if-
PERSON 1  1:02:44.8 PERSON 3  1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 2  1:03:29.4 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 1  1:03:29.4 PERSON 1  1:03:29.4 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1	PERSON 3	
1:02:44.8 PERSON 3  1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 2  1:03:19.1 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:29.4 PERSON 1  1:03:29.4 PERSON 1  1:03:23.0 PERSON 1  1:03:29.4 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1	1:02:43.6	Yeah yeah
PERSON 3  1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:17.9 PERSON 2  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:19.8 PERSON 1  1:03:29.4 PERSON 2  1:03:29.4 PERSON 1  1:03:29.4 PERSON 1  1:03:31.0 PERSON 1	PERSON 1	
1:02:47.9 PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:01.8 PERSON 3  1:03:08.0 PERSON 1  1:03:19.1 PERSON 1  1:03:17.9 PERSON 1  1:03:19.8 PERSON 2  1:03:19.1 PERSON 1  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  1:03:29.4 PERSON 1  1:03:31.0 PERSON 1  1:03:29.4 PERSON 1  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1	1:02:44.8	View [inaudible]
PERSON 1  1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:17.9 PERSON 2  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:29.4 PERSON 1  1:03:29.4 PERSON 2  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1	PERSON 3	
1:02:49.8 PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  Maybe it can be minimum average speed and not maximum average time, cause it's only for a single car  1:03:08.0 PERSON 2  1:03:08.0 PERSON 2  1:03:17.9 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:19.8 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 Combination PERSON 1  1:03:31.0 PERSON 1	1:02:47.9	Both or-
PERSON 3  1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:01.8 PERSON 3  1:03:01.8 PERSON 4  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:19.1 PERSON 1  1:03:19.8 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 2  1:03:31.0 PERSON 1  1:03:31.0 PERSON 1	PERSON 1	
1:02:50.0 PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:19.8 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 2  1:03:31.0 PERSON 1	1:02:49.8	Maybe both
PERSON 1  1:02:58.7 PERSON 2  1:03:01.8 PERSON 3  1:03:08.0 PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:19.1 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 2  1:03:31.0 PERSON 1	PERSON 3	
1:02:58.7 PERSON 2 1:03:01.8 PERSON 3 Maybe it can be minimum average speed and not maximum average time, cause it's only for a single car 1:03:08.0 PERSON 2 1:03:08.0 PERSON 1 1:03:17.9 PERSON 2 1:03:19.1 PERSON 1 1:03:19.8 PERSON 2 1:03:29.4 PERSON 2 1:03:29.4 PERSON 2 1:03:31.0 Combination PERSON 1	1:02:50.0	Yeah. Every intersection has to have traffic lights
PERSON 2  1:03:01.8 Maybe it can be minimum average speed and not maximum average time, cause it's only for a single car  1:03:08.0 No PERSON 2  1:03:08.0 Yeah ok. Yeah, what do you say? PERSON 1  1:03:17.9 There's to be a four way street PERSON 2  1:03:19.1 Oh yeah PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes PERSON 2  1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 Combination PERSON 1	PERSON 1	
1:03:01.8 Maybe it can be minimum average speed and not maximum average time, cause it's only for a single car  1:03:08.0 No PERSON 2  1:03:08.0 Yeah ok. Yeah, what do you say? PERSON 1  1:03:17.9 There's to be a four way street PERSON 2  1:03:19.1 Oh yeah PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes PERSON 2  1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination	1:02:58.7	And also has to have the four way
PERSON 3 time, cause it's only for a single car  1:03:08.0 No PERSON 2  1:03:08.0 Yeah ok. Yeah, what do you say?  PERSON 1  1:03:17.9 There's to be a four way street PERSON 2  1:03:19.1 Oh yeah PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes PERSON 2  1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination PERSON 1	PERSON 2	
1:03:08.0 PERSON 2 1:03:08.0 Yeah ok. Yeah, what do you say? PERSON 1 1:03:17.9 There's to be a four way street PERSON 2 1:03:19.1 Oh yeah PERSON 1 1:03:19.8 And the combination of signals cannot lead to crashes PERSON 2 1:03:27.0 Yeah, that's also a [inaudible] PERSON 1 1:03:29.4 PERSON 2 1:03:31.0 Combination PERSON 1	1:03:01.8	Maybe it can be minimum average speed and not maximum average
PERSON 2  1:03:08.0 PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 PERSON 1  1:03:19.8 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  Combination PERSON 1	PERSON 3	time, cause it's only for a single car
1:03:08.0 Yeah ok. Yeah, what do you say?  PERSON 1  1:03:17.9 There's to be a four way street  PERSON 2  1:03:19.1 Oh yeah  PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes  PERSON 2  1:03:27.0 Yeah, that's also a [inaudible]  PERSON 1  1:03:29.4 Yeah  PERSON 2  1:03:31.0 Combination  PERSON 1	1:03:08.0	No
PERSON 1  1:03:17.9 PERSON 2  1:03:19.1 Oh yeah PERSON 1  1:03:19.8 PERSON 2  1:03:27.0 PERSON 1  1:03:29.4 PERSON 2  1:03:31.0 PERSON 1  Combination PERSON 1	PERSON 2	
1:03:17.9 There's to be a four way street PERSON 2  1:03:19.1 Oh yeah PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes PERSON 2  1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination PERSON 1	1:03:08.0	Yeah ok. Yeah, what do you say?
PERSON 2  1:03:19.1 Oh yeah  PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes  PERSON 2  1:03:27.0 Yeah, that's also a [inaudible]  PERSON 1  1:03:29.4 Yeah  PERSON 2  1:03:31.0 Combination  PERSON 1	PERSON 1	
1:03:19.1 Oh yeah PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes PERSON 2  1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination PERSON 1	1:03:17.9	There's to be a four way street
PERSON 1  1:03:19.8 And the combination of signals cannot lead to crashes  PERSON 2  1:03:27.0 Yeah, that's also a [inaudible]  PERSON 1  1:03:29.4 Yeah  PERSON 2  1:03:31.0 Combination  PERSON 1	PERSON 2	
1:03:19.8 And the combination of signals cannot lead to crashes  PERSON 2  1:03:27.0 Yeah, that's also a [inaudible]  PERSON 1  1:03:29.4 Yeah  PERSON 2  1:03:31.0 Combination  PERSON 1	1:03:19.1	Oh yeah
PERSON 2  1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination PERSON 1	PERSON 1	
1:03:27.0 Yeah, that's also a [inaudible] PERSON 1  1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination PERSON 1	1:03:19.8	And the combination of signals cannot lead to crashes
PERSON 1  1:03:29.4	PERSON 2	
1:03:29.4 Yeah PERSON 2  1:03:31.0 Combination PERSON 1	1:03:27.0	Yeah, that's also a [inaudible]
PERSON 2 1:03:31.0 Combination PERSON 1	PERSON 1	
1:03:31.0 Combination PERSON 1	1:03:29.4	Yeah
PERSON 1	PERSON 2	
	1:03:31.0	Combination
1:03:33.5 I don't know how we can put this, like a model yet	PERSON 1	
	1:03:33.5	I don't know how we can put this, like a model yet

PERSON 2	
1:03:38.1	I mean it's ok
PERSON 1	
1:03:39.0	Just maximize the view on this. But I think, a suggestion for the next
PERSON 3	hour. We can focus, or redesign it this way. Before putting them, so
	maybe one focus on this and one draw and or we just-
1:03:54.4	Yeah both
PERSON 2	
1:03:55.3	No this [inaudible]
PERSON 3	
1:03:55.6	We have to-
PERSON 2	
1:03:56.7	Yeah
PERSON 1	
1:03:56.7	Yeah. I think we have to [inaudible]
PERSON 2	
1:03:58.5	I still think 45 minutes is not-
PERSON 3	
1:04:00.9	So I think the, yeah
PERSON 2	
1:04:03.4	Yeah ok
PERSON 3	
1:04:03.7	But now we have already context, information and functional right?
PERSON 1	
1:04:06.3	Mhm
PERSON 3	
1:04:06.8	That's required so
PERSON 1	
1:04:07.8	Ok
PERSON 3	
1:04:09.5	Yeah
PERSON 2	
1:04:10.6	I think we have-
PERSON 1	
1:04:11.5	We can take a break
PERSON 2	
1:04:13.8	5 minutes

PERSON 3	
1:04:14.5	Yeah
PERSON 1	
1:04:14.5	Yeah
PERSON 2	
1:04:15.3	Ok yeah?
PERSON 1	
1:04:16.7	Are doing it now? Yeah ok.
PERSON 2	
1:04:18.6	It's almost one hour right?
PERSON 3	
1:04:19.6	Yeah one hour and five minutes, so yeah. I think yeah
PERSON 2	
1:04:24.2	We are back [laugh]
PERSON 1	
1:04:25.6	This is the second part of the assignment now
PERSON 3	
1:04:28.7	Ok, let's continue. So we're going to leave the specific functionalities
PERSON 2	just with these three boxes right?
1:04:37.0	This is the functional view
PERSON 1	
1:04:39.4	Oh yeah. We're talking about the functional view. Please don't
PERSON 2	
1:04:43.9	Yes
PERSON 3	
1:04:45.7	Ok.
PERSON 2	
1:04:49.8	Ok, just checker, checker here, rules management, rules
PERSON 1	management, input, export. It's ok. Interface, map designing. What
	about map designing, are there some constraints or requirements
	management attached?
1:05:04.0	Let me check. I believe there were
PERSON 2	
1:05:11.3	Oh yeah, the length of the roads.
PERSON 1	
1:05:14.0	Oh yeah
PERSON 2	

1:05:14.6	Stuff like- or
PERSON 1	
1:05:15.8	Yeah, oh we did that in rules management as well. Or enough-
PERSON 2	
1:05:21.0	No no no
PERSON 1	
1:05:21.3	Oh no, ok, we're good
PERSON 2	
1:05:23.3	So this is variation of length roads. Something like that
PERSON 1	
1:05:36.8	Yeah, map designing, does that also include the design he basic
PERSON 2	appearance of the program
1:05:47.1	Oh yes, I saw that
PERSON 3	
1:05:48.5	Yeah
PERSON 2	
1:05:48.5	But it doesn't include in any view. Maybe we can put on the
PERSON 3	[inaudible] like the document, cause there's-
1:05:54.9	Because that says something about how the user creates a map, sets
PERSON 2	traffic lights, timing schemes and such. Some sort of interface of how
	they-
1:06:04.0	]inaudible] this part
PERSON 3	
1:06:08.0	[inaudible]
PERSON 1	
1:06:34.1	I can't keep talking on it
PERSON 3	
1:06:35.2	Ok
PERSON 2	
	Ok
PERSON 1	
1:06:38.5	Are you going to design something actually about what I just said, or
PERSON 2	
1:06:42.1	Yeah yeah
PERSON 3	
1:06:42.7	Ok
PERSON 2	

1:06:42.7 Just like the interface PERSON 3  1:06:44.8 Yeah PERSON 2
1:06:44.8 Yeah PERSON 2
PERSON 2
4.00.40.4
1:06:46.1 The GUI
PERSON 1
1:06:48.1 Yeah, because it really- on the here on the [inaudible] it says that we
PERSON 3 have to present our interface
1:06:53.3 Yeah ok
PERSON 1
1:06:53.9 Yeah here's also an- with the desired outcomes
PERSON 2
1:06:56.9 Yeah [inaudible]
PERSON 3
1:06:57.5 Part one
PERSON 1
1:06:58.8 [inaudible] introduction maybe
PERSON 3
1:07:00.6 Ok, and then we can finish this
PERSON 1
1:07:04.0 Yeah
PERSON 2
1:07:06.4 Ok
PERSON 3
1:07:09.4 Ok this one is connected to the wall, and this one is- and this just- or
PERSON 1 also to the wall. Or just to [inaudible]
1:07:20.3 Yeah I think to the wall
PERSON 2
1:07:21.9 Yeah
PERSON 1
1:07:21.9 Cause it's also says something about-
PERSON 2
1:07:23.9 And checker to this. So-
PERSON 1
1:07:25.6 Yeah yeah. Exactly.
PERSON 2
1:07:28.0 And so- what's needed for real-time simulation, as functionalities.

PERSON 1	That's about concurrency eh
1:07:42.1	Oh yeah
PERSON 2	
1:07:42.1	So parallel processes, yeah, I don't know how to call them
PERSON 1	
1:07:48.9	Yeah that's concurrency
PERSON 2	
1:07:52.4	Maybe we can just call it concurrency functionalities
PERSON 1	
1:07:56.5	Yeah concurrency elements or something
PERSON 2	
1:07:58.9	Yeah oh yeah. Ok.
PERSON 1	
1:08:05.1	Oh, that's so pretty
PERSON 2	
1:08:08.6	The squares?
PERSON 3	
1:08:09.4	Yeah [laugh]
PERSON 2	
1:08:12.1	Ok. Oh it's really a lot of text to
PERSON 1	
1:08:22.7	Yeah
PERSON 2	
1:08:25.1	Complain complain
PERSON 1	
1:08:25.9	Yeah [laugh]
PERSON 2	
1:08:34.1	Current state of the intersection, yeah we did, oh here. Checker will
PERSON 1	also be updated. Change management
1:08:49.2	Yeah
PERSON 2	
1:09:05.4	Ok, I think we can start modelling. Let's check last time, the text
PERSON 1	
1:09:22.0	First we- context
PERSON 2	
1:09:23.6	Yeah
PERSON 1	

1:09:24.5	Oh.
PERSON 2	
1:09:29.9	In the context model we named like, existing software package. But
PERSON 1	is that the metric flux? What you said, or is that something else
1:09:41.1	It's yeah, well-
PERSON 2	
1:09:43.3	Yeah yeah
PERSON 3	
1:09:44.0	Yeah, but not only, because there can be multiple
PERSON 2	
1:09:46.3	Can be a different model
PERSON 3	
1:09:47.2	Yeah
PERSON 2	
1:09:49.1	Modules
PERSON 3	
1:09:49.1	Ok. So for context let's just
PERSON 1	
1:09:51.8	Yeah just
PERSON 3	
1:09:52.3	Have [inaudible] ok
PERSON 1	
1:09:53.9	Pattern
PERSON 3	
1:09:54.9	For in the document we can say, MT
PERSON 1	
1:09:58.0	Yeah yeah
PERSON 3	
1:09:58.5	Yeah
PERSON 2	
1:09:58.9	Metric flux in
PERSON 1	
1:10:00.3	Exactly
PERSON 3	
1:10:06.3	Functional yeah ok.
PERSON 1	
1:10:14.2	Did we actually have to make pictures of it and send it, or do it in

PERSON 2	visio. Because he said, we can just make pictures and email it
1:10:24.4	Oh ok.
PERSON 1	
1:10:25.7	In the lecture, in the introduction
PERSON 2	
1:10:28.9	But then we need to draw it again
PERSON 1	
1:10:30.8	Yeah yeah
PERSON 2	
1:10:32.5	Maybe it's better, it's faster
PERSON 1	
1:10:35.4	Yeah
PERSON 2	
1:10:36.5	Ok, but for now we have to check one last time, the text I think.
PERSON 1	
1:10:42.6	Oh we are definitely going to do this in visio. We cannot do it in visio
PERSON 3	in 45 minutes
1:10:47.8	No
PERSON 1	
1:10:47.8	No
PERSON 2	
1:10:50.1	Ok, and then we have to check consistency, and then stop recording
PERSON 1	and then-
1:10:56.2	Yeah
PERSON 2	
1:10:57.1	Yeah?
PERSON 1	
1:10:57.4	Yeah
PERSON 2	
1:10:58.1	Ok so
PERSON 1	
1:10:59.8	But we have to record for two hours so we have 40
PERSON 2	
1:11:04.5	No. it's maximum 2 hours
PERSON 1	
1:11:07.7	Oh ok
PERSON 2	

1:11:09.0 He said PERSON 1	
PERSON 1	
1:11:09.8 Oh ok	
PERSON 2	
1:11:10.5 Yeah. But to be sure that all requirements are in one of the views.	
PERSON 1 Maybe they are just researching the motivation of students [laugh	]
1:11:33.1 Maybe we get- [laugh] yes definitely	
PERSON 3	
1:11:47.7 Oh wow, my laptop just turned off. Well- ok.	
PERSON 2	
1:12:10.3 What's direction-	
PERSON 3	
1:12:40.9 What's meant by variety of sequences. Is that about the shape?	
PERSON 1	
1:12:49.4 No I don't think so. Where was it	
PERSON 2	
1:12:58.4 Then I put-	
PERSON 1	
1:12:58.9 Yeah ok, so the interaction between the cars, from the intersection	1
PERSON 2 they can be a variety	
1:13:08.4 So then I add it in checker	
PERSON 1	
1:13:12.3 Yeah	
PERSON 2	
1:13:13.6 Yeah ok	
PERSON 1	
1:13:14.2 It can be a part of checker yes. Cause what was in checker again? I	t
PERSON 2 was about the density	
1:13:33.5 Yeah	
PERSON 1	
1:13:33.5 So we also have to specify that it also has variety of sequences. So	
PERSON 2 that sometimes two cars, and three cars from the right, and then of	ne
car, and one car from the left or something	
1:13:46.2 Yeah, but then we specify-	
PERSON 1	
1:13:48.5 Oh we can also make-	
PERSON 2	

1:13:49.6 Like the behaviour	
PERSON 1	
1:13:50.5 Yeah	
PERSON 2	
1:13:51.9 And then change management to update	
PERSON 1	
1:13:55.4 Oh yeah	
PERSON 2	
1:13:56.4 And the metric flux checker is about what [inaudible]	
PERSON 1	
1:14:01.6 Mhm yeah I thought maybe we can also make a module al	bout
PERSON 2 variety or something.	
1:14:10.1 Separate module?	
PERSON 1	
1:14:10.9 Yeah	
PERSON 2	
1:14:11.4 Yeah but I have now	
PERSON 1	
1:14:13.5 Ok	
PERSON 2	
1:14:14.6 So like, behaviour and then variety	
PERSON 1	
1:14:16.6 Oh yeah, I see it, ok.	
PERSON 2	
1:14:21.8 That's why it's called the [inaudible] like	
PERSON 3	
1:14:23.0 Yeah, we have to- think so	
PERSON 1	
1:14:25.0 Mm? what did you say	
PERSON 2	
1:14:26.3 How it's called the [inaudible] system, the main system	
PERSON 3	
1:14:28.8 Yeah	
PERSON 2	
1:14:30.9 It doesn't have a name	
PERSON 1	
1:14:36.0 Traffic signal simulator	

PERSON 2	
1:14:39.2	Yeah, traffic simulation
PERSON 3	
1:14:42.1	TSS [laugh]
PERSON 1	
1:14:43.5	TSS
PERSON 3	
1:14:44.9	Yeah, TSS system nice. T triple S
PERSON 1	
1:14:54.3	TSS one point zero
PERSON 3	
1:14:59.6	But who says this is the first version
PERSON 2	
1:15:03.0	Yeah, it's our version
PERSON 1	
1:15:04.7	Ok. did you check all the-
PERSON 2	
1:15:15.7	[inaudible]
PERSON 3	
1:15:15.8	Yeah, almost. Yeah, I think we have-
PERSON 1	
1:15:51.0	Can I put simulation
PERSON 3	
1:15:52.1	But this is the desired outcome, so you must design the basic
PERSON 1	structure of the code. That's the functional view now, but it's a bit
1:16:01.9	It's a little bit [inaudible]
PERSON 3	
1:16:03.4	Yeah ok, you should focus on the important design decisions that
PERSON 1	form the foundation for the implementation. So it's about the
	foundation, not really in detail
1:16:15.6	No
PERSON 2	
1:16:20.0	Ok
PERSON 1	
1:16:23.7	Yeah. I already made the three lanes, for the context. Shall we start
PERSON 2	with the context?
1:16:34.9	To draw?

PERSON 1	
1:16:35.6	Yeah
PERSON 2	
1:16:36.6	But when we start drawing we can stop recording
PERSON 1	
1:16:38.5	Oh ok. Do we have to say something more. Are we done actually? Or
PERSON 2	do they actually also wanna know how we include the notation and
	such, because-
1:16:53.3	No they also get the documents, so they can see
PERSON 1	
1:16:56.3	Yeah ok, but maybe how we come up with the- I don't know. No?
PERSON 2	isn't necessary?
1:17:02.9	Mm
PERSON 3	
1:17:04.2	It's just use UML notation, for all
PERSON 1	
1:17:07.0	For all?
PERSON 2	
1:17:08.6	No, and lifecycle model, and petri net. No, no petri net
PERSON 1	
1:17:14.9	Perhaps petri net. Ok, shall we- shall I just?
PERSON 2	
1:17:19.4	Yeah
PERSON 1	
1:17:19.9	Ok
PERSON 2	