**Group 11 transcript summary**

**Context view**

Stakeholders (2m58-6m28)

* Professor E
  + Wants:
    - theory about traffic signal timing to be conveyed in the software.
    - fun and workable.
    - nice graphics
  + Doesn't care about: safety, usability, or maintainability
* Students
  + Requirement: virtual car driving (8m43)
    - Counter argument: I don't think so, because the virtual car driver is part of the system.
  + Professor and student can be clustered together (10m8)
    - Counter argument: the professor wants the students to learn, while the students want to learn and by happy. So they are diferent (11m11)
* Team of developers
  + Clear design, well defined
  + Not complex functionality
  + Counter argument: Developers are more supportive and necessary, but they don't have relationships with the system (11m11)
* System
  + Traffic system
  + Gives feedback to the professor if the student does well (12m24)
    - Counter argument: the program is not to test them. The professor just wants the students to get a general feel of the subject (13m49)
  + Two choices: either keep it simple but have no assignment option, or have an assignment option but have a more complex system (17m29-20m7)
    - Counter argument: assignment wasn't a requirement (20m7).

**Functional view**

Functionality of the system:

* Road variant length and different arrangements of intersection (29m33)
* Behavior of traffic lights (32m9)

Students functionality on system:

* Create a map (38m10): set road, set intersection (49m5)
* Set traffic density (40m54) set properties, sequences (49m5)
* Describe behavior of traffic light (32m9)
* Then the program start calculating (49m5)
* Thn calculate visualization and generate feedback (49m5)

Distinguish between interaction layer and system layer (50m7)

* Interaction lay: what user can control: schemes, sensors, density, arrangement, road length, system properties
* System layer: no crashes, visual map, light direction, simulation traffic flow.

**Information view**

Order of the functions in the system:

1. Create map: information abotu intersections, how many intersections, how long the road is (1h1m50). Map module (1h2m46)
2. Traffic light: one map has zero or more traffic lights. (1h2m46). Traffic light has attributes sequence and timing scheme (1h4m3)
3. Traffic light is part of intersection (1h5m18).

* Constraint: minimum of four and maximum of twelve traffic lights.
  + Counter argument: