-Motivation

1. Time management
2. Efficiency (Crossing management)
3. Priority
4. Safety

-Brainstorming

* Sub-systems

-first approach

* V2V
* V2I
* Queuing

-UML And SYSML

* V2V
* V2I
* Queuing

-Pseudo-code and algorithms

* V2V
* V2I
* Queuing

-Implementation and simulation

* V2V(Rtos+Carla)
* V2I(Rtos+Carla)
* Queuing (Hermann)
* Control side unit (Modelsim)

-Conclusion