

## Use Cases 1

| ID          | UC   | Туре | End-User Use-Case |
|-------------|--|------|-------------------|
| Title       | Traffic scenarios  |      |                   |
| Description | Movement of traffic participants in the surroundin of the vehicle<br>under test. Generation of complex traffic scenarios with different<br>traffic modes (vehicles, pedestrians, bicycles, animals). |      |                   |

| ID          | UC   | Туре | End-User Use-Case |
|-------------|--|------|-------------------|
| Title       | Stochastic surrounding traffic   |      |                   |
| Description | Apart from deterministic scenarios, it should be possible to define<br>average traffic volumes to enable complete scenario description<br>for tools that support stochastic traffic. |      |                   |

| ID          | UC  | Туре | End-User Use-Case |
|-------------|---|------|-------------------|
| Title       | Definition of detailed processes in the vehicle under test  |      |                   |
| Description | For a complete description of test scenarios, detailed processes<br>in the vehicle under test have to be defined. These include driver<br>actions (ignition on/off, ACC on/off) and component failures (sen-<br>sor failure, engine failure). |      |                   |

| ID          | UC  | Туре | Choose an item. |
|-------------|---|------|-----------------|
| Title       | Definition of environmental conditions  |      |                 |
| Description | Weather conditions such as precipitation, fog, lighting etc. influ-<br>ence a scenario majorly and should therefore possibly be in-<br>cluded in the scenario descriptions. |      |                 |



## 2 Requirements

| ID          | R | Priority | Normal |
|-------------|---|----------|--------|
| Title       |   |          |        |
| Description |   |          |        |
| Rational    |   |          |        |