

AutoCar case study - Definitions

Sanitization

Hello everyone, the purpose of this form is to capture the semantic relationship between event and measures of the AutoCar case-study, these relationships are application specific or common-knowledge.

* Indicates required question

1. Could you please give your current time

Example: 8:30 AM

2. Given this justification: "*If an external alert is displayed, it implies the environment is not clear.*" *

Does **DisplayAlert** induces not **environmentClear**?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

3. Given this justification: "*If there is an ambulance next to the car, it implies that there is a priority vehicle nearby.*" *

Does **ambulanceNextToCar** forbids **PriorityVehicleNearby** to occur?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

4. Given this justification: "*If there is an ambulance on the opposite side, it implies that there is a priority vehicle nearby*". *

Does **ambulanceOnOppositeSide** forbids **PriorityVehicleNearby** to occur?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

5. Given this justification: "*If the user turned off the system, it cannot be ready for operation*". *

Does **userTurnedOffSystem** forbids **SystemReady** to occur?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

6. Given this justification: "*Both measures indicate the closeness of a priority vehicle, like an ambulance, to the car. Thus, they represent the same condition with different names*". *

Does **ambulanceBehindCar** forbids **PriorityVehicleNearby** to occur?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

7. Given this justification: "*Both measures indicate the closeness of a priority vehicle, like an ambulance, to the car. Thus, they represent the same condition with different names*". *

Does **ambulanceNextToCar** forbids **PriorityVehicleNearby** to occur?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

8. Given this justification: "*Both measures indicate the closeness of a priority vehicle, like an ambulance, to the car. Thus, they represent the same condition with different names*". *

Does **ambulanceOnOppositeSide** forbids **priorityVehicleNearby** to occur?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: _____

9. Could you please fill the current time after filling this form?

Example: 8:30 AM

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