

# ALMI case study - Definitions Sanitization

Hello everyone, the purpose of this form is to capture the semantic relationship between event and measures of the ALMI 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: "*An unpredictable user may not follow cooking instructions*". \*

Is **GivingCookingInstructions** mutual exclusive with **UserUnpredictable**?

If you have a justification, provided it in others.

Check all that apply.

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

3. Given this justification: "*Open windows could exacerbate a fire, which is against fire safety measures*". \*

Is **OpenWindows** mutual exclusive with **FireSafetyMeasures**?

If you have a justification, a note to add if something is unclear, provide it in others.

*Mark only one oval.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

4. Given this justification: "*An authorized person is considered as an occupied user*". \*

Is **personAuthorized** implying **userOccupied**?

If you have a justification, a note to add if something is unclear, provide it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

5. Given this justification: "*If the kitchen is safe, it implies that the risk level is low.*" \*

Is **kitchenSafe** implying **riskLevel is 'low'**?

If you have a justification, a note to add if something is unclear, provide it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

6. Given this justification: "*Both conditions cannot be true at same time.*" \*

Is **alarmOn** mutual exclusive with **alarmRestarts**?

If you have a justification, a note to add if something is unclear, provide it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

7. Given this justification: "*An authorized person would not disable the alarm.*" \*

Is **personAuthorized** mutual exclusive with **userDisablesAlarm**?

If you have a justification, a note to add if something is unclear, provide it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

8. Given this justification: "*An occupied user is an authorized person.*" \*

Is **userOccupied** equivalent to **personAuthorized**?

If you have a justification, a note to add if something is unclear, provide it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

9. Given this justification: "*The kitchen is safe to use when there is a low risk level*". \*  
Is **kitchenSafe** equivalent to **riskLevel is low**?  
If you have a justification, a note to add if something is unclear, provide it in others.

*Check all that apply.*

- ☐ Yes  
☐ No  
☐ Other: \_\_\_\_\_

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

\_\_\_\_\_  
*Example: 8:30 AM*

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