# Casper case study - Definitions Sanitization

*Hello everyone, the purpose of this form is to capture the semantic relationship between event and measures of the Casper 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: "*Asking for consent is informing the user about something.*"      *
 Does **AskConsent** is an hypernym of **InformUser** ?
 If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

3. Given this justification: "*Deleting an old prescription can be considered as part of* * *prescription changes.*"
 Does **DeleteOldPrescription** is an hypernym of **PrescriptionChanges** ?
 If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

4. Given this justification: "*Before a cooking tutorial can begin, the user must be*    *
*informed.*"
   Does **StartCookingTutorial** is an hypernym of **InformUser** ?
   If you have a justification, provided it in others.

   *Check all that apply.*

   ☐ Yes

   ☐ No

   ☐ Other: _____

5. Given this justification: "*Giving a medication reminder is a specific type of giving*  *
*reminders.*"
   Does **GiveMedReminder** is an hypernym of **GiveReminders**?
   If you have a justification, provided it in others.

   *Check all that apply.*

   ☐ Yes

   ☐ No

   ☐ Other: _____

6. Given this justification: "*Entering a room is a kind of movement.*" *
   Does **EnterRoom** is an hypernym of **Moving** ?
   If you have a justification, provided it in others.

   *Check all that apply.*

   ☐ Yes

   ☐ No

   ☐ Other: _____

7. Given this justification: "*Giving meal reminders is a specific type of giving reminders..*"      *

  Does **GiveMealReminders** is an hypernym of **GiveReminders** ?

If you have a justification, provided it in others.

*Check all that apply.*

  ☐ Yes

  ☐ No

  ☐ Other: _____

8. Given this justification: "*SkipSharpObjects can be considered as part of a process before starting a cooking tutorial.*"      *

  Does **SkipSharpObjects** is an hypernym of **BeforeStartCookingTutorial** ?

If you have a justification, provided it in others.

*Check all that apply.*

  ☐ Yes

  ☐ No

  ☐ Other: _____

9. Given this justification: "*Asking for a tutorial preference from the user is one of the ways to inform the user.*"      *

  Does **AskTutorialPreference** is an hypernym of **InformUser** ?

If you have a justification, provided it in others.

*Check all that apply.*

  ☐ Yes

  ☐ No

  ☐ Other: _____

10. Given this justification: "*Collecting person's data is a specific type of detecting*    *
*person*."
 Does **CollectPersonData** is an hypernym of **DetectionPerson** ?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

11. Given this justification: "*Instructing the user is a specific type of informing the*    *
*user*."
 Does **InstructUser** is an hypernym of **InformUser** ?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

12. Given this justification: "*If the user is sleeping, a cooking tutorial can't be*    *
*initiated*".
 Does **UserSleeping** is mutually exclusive with **StartCookingTutorial** ?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

13. Given this justification: "*Starting a cooking tutorial might disrupt user*     *
*communication, therefore they normally wouldn't occur simultaneously.*".
Does **StartCookingTutorial** is mutually exclusive with **UserCommunicating**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

14. Given this justification: "*These normally wouldn't occur simultaneously, as*     *
*asking for tutorial preference might disrupt user communication.*"
Does **AskTutorialPreference** is mutually exclusive with **UserCommunicating**
?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

15. Given this justification: "*If the user requests alone time, giving a medication*     *
*reminder would be an interruption, hence conflic*t".
Does **GiveMedReminder** is mutually exclusive with **UserRequestAloneTime**
?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

16. Given this justification: "I*f the user is requesting ID, it implies they have not yet*   *
*confirmed their identity*."
Does **UserRequestID** is mutually exclusive with
**ConfirmPersonAuthorization** ?
If you have a justification, provided it in others.

*Check all that apply.*

  ☐ Yes
  ☐ No

☐ Other: _____


17. Given this justification: "*Instruction might interrupt user's communication and*   *
*thus conflict".*
Does **InstructUser** is mutually exclusive with **UserCommunicating** ?
If you have a justification, provided it in others.

*Check all that apply.*

  ☐ Yes
  ☐ No

☐ Other: _____


18. Given this justification: *"Asking for consent might disrupt user's communication,* *
*therefore may result in conflict."*
Does **AskConsent** is mutually exclusive with **UserCommunicating** ?
If you have a justification, provided it in others.

*Check all that apply.*

  ☐ Yes
  ☐ No

☐ Other: _____

19. Given this justification: "*If the user requests alone time, reminders shouldn't be given*".   *
    Does **UserRequestAloneTime** is mutually exclusive with **GiveReminders** ?
    If you have a justification, provided it in others.

    *Check all that apply.*

    ☐ Yes

    ☐ No

    ☐ Other: _____

20. Given this justification: "*If the user is currently communicating, it might not be appropriate to inform them of other things*".   *
    Does **UserCommunicating** is mutually exclusive with **InformUser**?
    If you have a justification, provided it in others.

    *Check all that apply.*

    ☐ Yes

    ☐ No

    ☐ Other: _____

21. Given this justification: "*If the user requests alone time, giving meal reminders would be an interruption and hence conflict*".   *
    Does **GiveMealReminders** is mutually exclusive with
    **UserRequestAloneTime** ?
    If you have a justification, provided it in others.

    *Check all that apply.*

    ☐ Yes

    ☐ No

    ☐ Other: _____

22. Given this justification: "*If the user is praying, starting a cooking tutorial would be an interruption*".    *

    Does **UserPraying** is mutually exclusive with **StartCookingTutorial** ?

    If you have a justification, provided it in others.

    *Check all that apply.*

    ☐ Yes

    ☐ No

    ☐ Other: _____


23. Given this justification: "If the user is currently eating, they do not need meal reminders".    *

    Does **UserEating** is mutually exclusive with **GiveMealReminders** ?

    If you have a justification, provided it in others.

    *Check all that apply.*

    ☐ Yes

    ☐ No

    ☐ Other: _____


24. Given this justification: "*The system has to detect a person before it can instruct them*".    *

    For the Tabiat case study, does **DetectPerson** always happen before **InstructUser**?

    If you have a justification, provided it in others.

    *Check all that apply.*

    ☐ Yes

    ☐ No

    ☐ Other: _____

25. Given this justification: "*Before entering the room must occur prior to actually*    *
*entering the room*".

 For the Tabiat case study, does **BeforeEnterRoom** always happen before **EnterRoom**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes
☐ No

☐ Other: _____

26. Given this justification: "*Person's authorization should be confirmed before*    *
*giving any reminders."*

 For the Tabiat case study, does **ConfirmPersonAuthorization** always happen before **GiveReminders**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes
☐ No

☐ Other: _____

27. Given this justification: "*The user must be informed about the cooking tutorial*    *
*before it starts"*.

 For the Tabiat case study, does **InformUser** always happen before **StartCookingTutorial**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes
☐ No

☐ Other: _____

28. Given this justification: "*If the user is found, it implies they are in the room    *
(context-dependent).*"
  Does **userFound** implies **userInRoom**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

29. Given this justification: *"If the user is in the room, it implies the room is    *
occupied".*
  Does **userInRoom** implies **occupied**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

30. Given this justification: "*If a user is found, it implies that some space is    *
occupied*".
  Does **userFound** implies **occupied**?
If you have a justification, provided it in others.

*Check all that apply.*

☐ Yes

☐ No

☐ Other: _____

31. Given this justification: "I*f mobility holds (the person is moving), it implies the*    *
   *space is occupied.*".
    Does **mobility** implies **occupied**?
   If you have a justification, provided it in others.

   *Check all that apply.*

   ☐ Yes

   ☐ No

   ☐ Other: _____

32. Given this justification: *"If the user is sleeping, they cannot be in the kitchen at*   *
   *the same time."*
   Does **userSleeping** is mutually exclusive with **userInKitchen**?
   If you have a justification, a note to add if something is unclear, provide it in
   others.

   *Check all that apply.*

   ☐ Yes

   ☐ No

   ☐ Other: _____

33. Given this justification: *"If the lights are on, it suggests the user is not sleeping."* *
   Does **lightsOn** is mutually exclusive with **userSleeping**?
   If you have a justification, a note to add if something is unclear, provide it in
   others.

   *Check all that apply.*

   ☐ Yes

   ☐ No

   ☐ Other: _____

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

_Example: 8:30 AM_

Google Forms