

## PSI 3560 – Exercise for homework F8

The exercise for F8 does not include anything else than what is asked below, so you do not have to write any summary or review of the slides of class F8. I will further ask you questions about the theme of class F8, which is about social cognition, but they will be connected with a future theme, about developmental cognition, thus for the next week you have only the exercise below. **Notice that F8 has a new deadline: May 26.**

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Using the same format of exercise T6 (put your name, date, and title of your project):

- **Review the summary explanation of your project that you sent as exercise T7 . Check the comments to your T6 and T7 exercise (I will send them on next Thursday, May 21, so the **deadline for F8 was postponed to May 26**). Tell all details that you find important. Explain how your project works, i.e. its functionality. Therefore, in order to accomplish this item, you have to wait until May 21 to get my comments about your exercise T7. (If you haven't sent your exercise T7, do it right now, because I will accept it up to May 19 to review your proposal before May 21.)**
- **Additional question (for F8): Justify why cognition/cognition process must be used in your project. Notice that your application must be of a cognitive system.**

Write all details and send it in a pdf file to my email ([kogler@lsi.usp.br](mailto:kogler@lsi.usp.br)), and submit it at the Moodle of PSI3560, as usual. Do it following the link under the item "Homework for F8" that appears in the Moodle page of PSI3560.

**The deadline for submission for F8 (not T8) is May 26.**

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For example:

1. Title: intelligent gadget X
  2. Description: it is a device composed by a Y and a Z in joint operation to help a person to do W when she is in a R situation before doing S. X must be self-configurable by learning the habits of the user by means of interactions with Y only in situation S. It can extend the operation to R by using the action of Z, which is able to particularize the operation of Y in those situations that R precede S.
  3. Justification: the reason why cognition (if it is an agent) – or cognitive processes (if it is a tool) – is ....
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Do not worry about details of which algorithms to use, and of how to implement it physically. These aspects will not be asked at any point in the project. The whole project that you have to present up to the end of the course will be **only at the conceptual level**, but must contain **all details** needed in order that a person that take your description could be able to design the algorithm, develop the software and implement it physically. The **only technical detail** that you will have to provide **ahead** will be **the cognitive architecture**.