

## **CONTEXT QUESTIONS FOR APPLICATION REQUIREMENTS ENGINEERING**

1. Is there documentation that evidences the common and variable requirements of each product?
2. Do you map the requirements of the stakeholders with the requirements artifacts of other existing products?
  - a. If you do, what is the objective of doing this mapping?
  - b. What happens if you find artifacts of existing requirements that meet the particular requirements of the stakeholders?
3. What strategies of analysis or definition of requirements do you carry out?
4. Is there documentation that evidences the common and variable requirements of each product?
5. Do you map the requirements of the stakeholders with the requirements artifacts of other existing products?
  - a. If you do, what is the objective of doing this mapping?
  - b. What happens if you find artifacts of existing requirements that meet the particular requirements of the stakeholders?
6. What strategies of analysis or definition of requirements do you carry out?
7. As a strategy for the analysis of requirements, do you consider reducing the specific requirements of each product?
8. As a strategy for definition of requirements, do you propose the reuse of the reuse level of the artifact?
9. Do you consider that it is a good idea when performing the analysis of the requirements of the applications to try to reduce the amount of variability to the minimum required?
  - a. Strongly disagree
  - b. In disagreement
  - c. Neither agree nor disagree
  - d. In agreement
  - e. Totally agree

10. Do you consider that the greater the amount of common elements, the less effort you have to invest in the design for flexibility?

- a. Strongly disagree
- b. In disagreement
- c. Neither agree nor disagree
- d. In agreement
- e. Totally agree

11. At the moment of obtaining the specific requirements of a product, do you feed back the specifications communicating the common and variable requirements already used in other products (increases reuse)?

**Considering the definition of Delta Requirement = particular requirement of the application.**

12. What actions do you take when faced with the requirement deltas requested by a particular client?

13. When faced with delta requirements, your strategy will be to completely generate a new requirement from scratch?

14. When faced with delta requirements, your strategy will be to adapt an existing requirement of some other product?

15. When a delta requirement is presented, do you carry out an analysis of the impact that the completion of this requirement will have?

16. Do you depend on the response of the impact analysis on the estimated implementation effort of the delta requirement to carry out this requirement or not? or do you take the risk without performing analysis?

17. How do the particular modifications in a product derived from delta requirements affect the development costs of the application?

18. Do you have documentation of the delta requirements of your products?