Software Requirements Engineering Project Decision Making Process Questionnaire

Group number:	

- The questionnaire is completed in groups. Please fill in according to the actual situation.
- The completion time of the questionnaire is 2:05-5:25, and it can be submitted ahead of schedule.

Questions	Answers
	Requirements elicitation
1. What types of problems do you	Type of problem:
think are important, need decision making, and why?	Please explain the reason:
2. Do you understand the questions to be made a decision?	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
3. What are the sources of alternatives for decision-making in an RE activity? (Multiple choice question)	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:
4. Do you evaluate the alternatives in decision-making process?	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the issues / Alternatives will be evaluated in about half of the issues / Alternatives will be evaluated in a few of the issues / Alternatives will be evaluated in none of the issues) Please explain the reason:
5. What kind of evaluation method do	Note: if there is no alternative option in the decision making process, please skip this question. (Allocating weight for each dimensions to be evaluated / Scoring for alternatives / Formulating

you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 6. How do you choose solutions for decision making, and why? (Multiple	evaluation criteria / Others
choice question)	Please explain the reason:
7. Are there any member of group responsible in decision-making process?	(Yes / No)
8. How many decisions are made with the involvement of all members?	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of decisions) Please explain the reason:
9. What kinds of problems do you think not need decision-making, and Why?	Question type: Please explain the reason:

10. Are customers involved in decision-making process?	(Participating in each decision / Participating in most decisions / Participating in about half of decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:
	Requirements analysis
11. What types of problems do you think are important, need decision making, and why?	Type of problem: Please explain the reason:
12. Do you understand the questions to be made a decision?	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
13. What are the sources of alternatives for decision-making in an RE activity? (Multiple choice question)	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:

14. Do you evaluate the alternatives in decision-making process?	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the issues / Alternatives will be evaluated in a few of the issues / Alternatives will be evaluated in none of the issues) Please explain the reason:
15. What kind of evaluation method do you usually adopt when evaluating alternatives for decision making? (Multiple choice question)	Note: if there is no alternative option in the decision making process, please skip this question. (Allocating weight for each dimensions to be evaluated / Scoring for alternatives / Formulating evaluation criteria / Others)
16. How do you choose solutions for decision making, and why? (Multiple choice question)	(Selecting the first solution meets the requirements, no longer considering other solutions / Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as much as possible solutions, choosing the optimal solution (globally optimal solution)/ Others) Please explain the reason:
17. Are there any member of group responsible in decision-making process?	(Yes / No)
18. How many decisions are made with the involvement of all members?	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of decisions) Please explain the reason:

19. What kinds of problems do you think not need decision-making, and Why?	Question type: Please explain the reason:
20. Are customers involved in decision-making process?	(Participating in each decision / Participating in most decisions / Participating in about half of decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:
	Para i amanta a l'i latina
21. What types of	Requirements validation Type of problem:
problems do you think are important, need decision making, and why?	Please explain the reason:
22. Do you understand the questions to be made a decision?	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)

23. What are the sources of alternatives for decision-making in an RE activity? (Multiple choice	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:
question)	
24. Do you evaluate the alternatives in decision-making process?	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the issues / Alternatives will be evaluated in a few of the issues / Alternatives will be evaluated in none of the issues) Please explain the reason:
25. What kind of evaluation method do you usually adopt when evaluating alternatives for decision making? (Multiple choice question)	Note: if there is no alternative option in the decision making process, please skip this question. (Allocating weight for each dimensions to be evaluated / Scoring for alternatives / Formulating evaluation criteria / Others)
26. How do you choose solutions for decision making, and why? (Multiple choice question)	(Selecting the first solution meets the requirements, no longer considering other solutions / Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as much as possible solutions, choosing the optimal solution (globally optimal solution)/ Others) Please explain the reason:
27 Are there any	(Yes / No)

member of group	
member of group responsible in	
decision-making	
process?	
28. How many	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
decisions are made	decisions)
with the involvement	Please explain the reason:
of all members?	
29. What kinds of	Question type:
problems do you	
think not need	Please explain the reason:
decision-making, and	
Why?	
30. Are customers	(Participating in each decision / Participating in most decisions / Participating in about half of
involved in	decisions / Participating in a few of decisions / Not participating in any decision)
decision-making	Please explain the reason:
process?	
	Requirements negotiation
	requirements negotiation

31. What types of problems do you think are important, need decision making, and why?	Type of problem: Please explain the reason:
32. Do you understand the questions to be made	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
a decision? 33. What are the sources of alternatives for decision-making in an RE activity? (Multiple choice question)	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:
34. Do you evaluate the alternatives in decision-making process?	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the issues / Alternatives will be evaluated in a few of the issues / Alternatives will be evaluated in none of the issues) Please explain the reason:
35. What kind of evaluation method do you usually adopt when evaluating alternatives for	Note: if there is no alternative option in the decision making process, please skip this question. (Allocating weight for each dimensions to be evaluated / Scoring for alternatives / Formulating evaluation criteria / Others)

decision making? (Multiple choice question)	
36. How do you choose solutions for decision making, and why? (Multiple choice question)	(Selecting the first solution meets the requirements, no longer considering other solutions / Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as much as possible solutions, choosing the optimal solution (globally optimal solution)/ Others) Please explain the reason:
37. Are there any member of group responsible in decision-making process? 38. How many decisions are made with the involvement of all members?	(Yes / No) (All of decisions / Most of decisions / About half of decisions / A few of decisions / None of decisions) Please explain the reason:
39. What kinds of problems do you think not need decision-making, and	Question type: Please explain the reason:
Why?	

40. Are customers involved in decision-making process?	(Participating in each decision / Participating in most decisions / Participating in about half of decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:
	Requirements documentation
41. What types of problems do you think are important, need decision making, and why?	Type of problem: Please explain the reason:
42. Do you understand the questions to be made a decision? 43. What are the sources of alternatives for decision-making in an RE activity? (Multiple choice question)	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding) (Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:

44. Do you evaluate the alternatives in	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the issues / Alternatives will be evaluated in about half of the issues / Alternatives will be evaluated in a
decision-making	few of the issues / Alternatives will be evaluated in none of the issues)
process?	Please explain the reason:
process.	Trease explain the reason.
45. What kind of	Note: if there is no alternative option in the decision making process, please skip this question.
evaluation method do	(Allocating weight for each dimensions to be evaluated / Scoring for alternatives / Formulating
you usually adopt	evaluation criteria / Others)
when evaluating	,
alternatives for	
decision making?	
(Multiple choice	
question)	
46. How do you	(Selecting the first solution meets the requirements, no longer considering other solutions /
choose solutions for	Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as
decision making, and	much as possible solutions, choosing the optimal solution (globally optimal solution)/
why? (Multiple	Others
choice question)	Please explain the reason:
choice question)	Trease explain the reason.
47. Are there any	(Yes / No)
member of group	
responsible in	
decision-making	
process?	
48. How many	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
decisions are made	decisions)
with the involvement	Please explain the reason:
of all members?	

uestion type:
ease explain the reason:
articipating in each decision / Participating in most decisions / Participating in about half of
cisions / Participating in a few of decisions / Not participating in any decision)
ease explain the reason:
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