Software Requirements Engineering Project Decision Making Process Questionnaire

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Group number:	

The questionnaire is com	nleted in groups Pleas	e fill in according to tl	ne actual situation
The questionnance is com	ipicica ili groups, i icus	e iiii iii according to d	ie 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	Type of problem:
problems do you	
think are important,	Please explain the reason:
need decision	
making, and why?	
2. Do you understand	(Completely understanding / Almost understanding / Partly understanding / Almost not
the problems to be	understanding / Completely not understanding)
made a decision?	
3. What are the	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/
sources of	Others)
alternatives for	Please explain the reason:
decision-making in	
an RE activity?	
(Multiple choice	
question)	
4. Do your group	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the
evaluate the	issues / Alternatives will be evaluated in about half of the issues / Alternatives will be evaluated in a
alternatives in	few of the issues / Alternatives will be evaluated in none of the issues)
decision-making	Please explain the reason:
process?	•
5. 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

group choose Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as	your group usually	evaluation criteria / Others)
alternatives for decision making? (Multiple choice question) 6. How do your group choose considering partial solutions, choosing the best solution (local optimal solutions) / Considering as solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution) / Multiple choice Please explain the reason:	adopt when	
decision making? (Multiple choice question) 6. How do your choose considering partial solutions, choosing the best solution (local optimal solutions) / Considering as solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution) / Multiple choice Please explain the reason:	evaluating	
(Multiple choice question) 6. How do your group choose Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution) / making, and why? (Multiple choice Please explain the reason:	alternatives for	
question) 6. How do your (Selecting the first solution meets the requirements, no longer considering other solutions / group choose Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution) / making, and why? (Multiple choice Please explain the reason:	decision making?	
6. How do your (Selecting the first solution meets the requirements, no longer considering other solutions / group choose Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution) / making, and why? (Multiple choice Please explain the reason:	(Multiple choice	
group choose Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution)/making, and why? (Multiple choice Please explain the reason:	question)	
solutions for decision much as possible solutions, choosing the optimal solution (globally optimal solution)/ making, and why? (Multiple choice Please explain the reason:	6. How do your	(Selecting the first solution meets the requirements, no longer considering other solutions /
making, and why? Others) (Multiple choice Please explain the reason:	group choose	Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as
(Multiple choice Please explain the reason:	solutions for decision	much as possible solutions, choosing the optimal solution (globally optimal solution)/
	making, and why?	Others)
question)	(Multiple choice	Please explain the reason:
	question)	
7. Are there any (Yes/No)	7. Are there any	(Yes/No)
member in the group	•	
responsible for		
decision-making	_	
process?	=	
		(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:	with the involvement	
of all members?	of all members?	•
9. What kinds of Question type:	9. What kinds of	Ouestion type:
problems do your		
group think not need Please explain the reason:	-	Please explain the reason:
decision-making, and		*
Why?		
	·	

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 your group think are important, need decision making, and why?	Type of problem: Please explain the reason:
12. Do your group understand the problems 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 your group 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 your group usually adopt when evaluating alternatives for decision making? (Multiple choice question) 16. How do your group choose solutions for decision making, and why? (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
17. Are there any member in the group responsible for 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	Overation to the second
	Question type:
problems do your	
group think not need	Please explain the reason:
decision-making, and	
Why?	
20. 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 validation
21. What types of	Type of problem:
problems do your	
group think are	Please explain the reason:
important, need	
decision making, and	
why?	
22. Do your group	(Completely understanding / Almost understanding / Partly understanding / Almost not
understand the	understanding / Completely not understanding)
problems to be made	C 1 2 6/
a decision?	

23. What are the	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/
sources of	Others)
alternatives for	Please explain the reason:
decision-making in	
an RE activity?	
(Multiple choice	
question)	
24 D	(Alternations will be such at its all after inner / Alternations will be such at its mark after
24. Do your group	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the
evaluate the	issues / Alternatives will be evaluated in about half of the issues / Alternatives will be evaluated in a
alternatives in	few of the issues / Alternatives will be evaluated in none of the issues)
decision-making	Please explain the reason:
process?	
25. 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
evaluation method do you usually adopt	(Allocating weight for each dimensions to be evaluated / Scoring for alternatives / Formulating evaluation criteria / Others)
you usually adopt	
you usually adopt when evaluating	
you usually adopt when evaluating alternatives for decision making?	
you usually adopt when evaluating alternatives for decision making?	
you usually adopt when evaluating alternatives for decision making? (Multiple choice	
you usually adopt when evaluating alternatives for decision making? (Multiple choice question)	evaluation criteria / Others)
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your	evaluation criteria / Others) (Selecting the first solution meets the requirements, no longer considering other solutions / Considering partial solutions, choosing the best solution (local optimal solutions) / Considering as
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why?	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why? (Multiple choice	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why?	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why? (Multiple choice	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why? (Multiple choice	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why? (Multiple choice	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why? (Multiple choice	evaluation criteria / Others
you usually adopt when evaluating alternatives for decision making? (Multiple choice question) 26. How do your group choose solutions for decision making, and why? (Multiple choice	evaluation criteria / Others

responsible for decision-making process? 28. How many decisions are made with the involvement of all members? 29. What kinds of problems do your group think not need decision-making, and Why? 30. Are customers involved in decision-making process? (Participating in each decision / Participating in most decisions / Participating in about half of decisions / Not participating in any decision) Please explain the reason: (Participating in each decision / Participating in most decisions / Participating in about half of decision-making process? (Participating in a few of decisions / Not participating in any decision) Please explain the reason:	member in the group	
29. What kinds of problems do your group think not need decision-making, and Why? 30. Are customers involved in decision-making process? (Participating in each decision / Participating in a few of decisions / Not participating in any decision) Please explain the reason:	responsible for	
28. How many decisions are made with the involvement of all members? 29. What kinds of problems do your group think not need decision-making, and Why? 30. Are customers involved in decision-making process? (Participating in each decision / Participating in most decisions / Not participating in any decision) Please explain the reason:	decision-making	
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29. What kinds of problems do your group think not need decision-making, and Why? 30. Are customers involved in decision-making process? (Participating in each decision / Participating in most decisions / Participating in about half of decision-making process?	decisions are made	decisions)
29. What kinds of problems do your group think not need decision-making, and Why? 30. Are customers involved in decision-making process? (Participating in each decision / Participating in most decisions / Participating in about half of Please explain the reason:	with the involvement	Please explain the reason:
problems do your group think not need decision-making, and Why? 30. 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:	of all members?	
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problems do your group think not need decision-making, and Why? 30. 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:		
problems do your group think not need decision-making, and Why? 30. 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:		
problems do your group think not need decision-making, and Why? 30. 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:		
group think not need decision-making, and Why? 30. Are customers involved in decision-making process? (Participating in each decision / Participating in most decisions / Participating in about half of decisions / Not participating in any decision) Please explain the reason:	29. What kinds of	Question type:
decision-making, and Why? 30. 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:	problems do your	
Why? 30. Are customers involved in decision / Participating in each decision / Participating in most decisions / Participating in about half of decision-making process? (Participating in each decision / Participating in most decisions / Participating in about half of decision-making in a few of decisions / Not participating in any decision) Please explain the reason:	group think not need	Please explain the reason:
30. Are customers involved in decision / Participating in a few of decisions / Not participating in any decision) Please explain the reason:	_	
involved in decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:	Why?	
involved in decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:		
involved in decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:		
involved in decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:		
involved in decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:		
decision-making process? Please explain the reason:	30. Are customers	(Participating in each decision / Participating in most decisions / Participating in about half of
process?	involved in	decisions / Participating in a few of decisions / Not participating in any decision)
	decision-making	Please explain the reason:
Requirements negotiation	process?	
Requirements negotiation		Requirements negotiation

31. What types of problems do your group think are important, need decision making, and why?	Type of problem: Please explain the reason:
32. Do your group understand the	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
problems to be made 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 your group 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 few of the issues / Alternatives will be evaluated in none of the issues)
decision-making process?	Please explain the reason:
35. What kind of evaluation method do your group usually adopt when evaluating	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)

alternatives for decision making? (Multiple choice question) 36. How do your group choose solutions for decision making, and why? (Multiple choice	(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:
question) 37. Are there any	(Yes / No)
member in the group responsible for decision-making process?	
38. 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:
39. What kinds of problems do your group think not need decision-making, and Why?	Question type: Please explain the reason:

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 your group think are important, need decision making, and why?	Type of problem: Please explain the reason:
42. Do your group understand the problems 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 your group 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:
45. What kind of evaluation method do your group usually adopt when evaluating	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)
alternatives for decision making? (Multiple choice question)	
46. How do your group 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:
47. Are there any member in the group responsible for decision-making process?	(Yes / No)
48. 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:

49. What kinds of problems do your	Question type:
group think not need	Please explain the reason:
decision-making, and	
Why?	
50. 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?	