## 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	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 questions need for	understanding / Completely not understanding)
decision making?	
3. Have you	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/
evaluated the	Others)
alternatives for	Please explain the reason:
decision making?	
( Multiple choice	
question)	
4. Do you evaluate	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the
the alternatives for	issues / Alternatives will be evaluated in about half of the issues / Alternatives will be evaluated in a
decision making in	few of the issues / Alternatives will be evaluated in none of the issues)
the 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

you usually adopt	evaluation criteria / Others
when evaluating	
alternatives for	
decision making?	
( Multiple choice	
question)	
6. 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)	rease explain the reason.
7. Are there any	(Yes/No)
members responsible	
for the decision	
making process?	
Please give an	
example.	
8. How many	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
decisions are required	decisions)
to be completed by	Please explain the reason:
all members of the	
team in the process,	
and why?	
9. What kinds of	Question type:
problems do you	
think not need	Please explain the reason:
decision-making, and	
Why?	
,	

10. Is the customer team involved in the 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 need for decision making?	(Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
13. Have you evaluated the alternatives for decision making? ( Multiple choice question)	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:

14. Do you evaluate the alternatives for decision making in the 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	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)	
16. 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:
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17. Are there any	(Yes/No)
members responsible	
for the decision	
making process?	
Please give an	
example.	
18. How many	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
decisions are required	decisions)
to be completed by	Please explain the reason:
all members of the	
team in the process,	
and why?	

19. What kinds of problems do you think not need decision-making, and Why?	Question type: Please explain the reason:
20. Is the customer team involved in the 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 validation
21. What types of	Type of problem:
problems do you think are important,	Please explain the reason:
need decision making, and why?	
22. Do you understand the questions need for decision making?	( Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)

23. Have you evaluated the	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others
alternatives for	Others) Please explain the reason:
decision making?	I lease explain the reason.
( Multiple choice	
_	
question)	
24. Do you evaluate	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of the
the alternatives for	issues / Alternatives will be evaluated in about half of the issues / Alternatives will be evaluated in a
decision making in	few of the issues / Alternatives will be evaluated in none of the issues )
the 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 criteria / Others
you usually adopt when evaluating	evaluation criteria / Others/
Ç	
alternatives for decision making?	
C	
( Multiple choice	
question)	(Caladian dha fine and days at the state of
26. 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:
27. Are there any	(Yes/No)

members responsible	
for the decision	
making process?	
Please give an	
example.	
28. How many	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
decisions are required	decisions)
to be completed by	Please explain the reason:
all members of the	
team in the process,	
and why?	
29. What kinds of	Question type:
problems do you	
think not need	Please explain the reason:
decision-making, and	
Why?	
30. Is the customer	(Participating in each decision / Participating in most decisions / Participating in about half of
team involved in the	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 need for	( Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
decision making?  33. Have you evaluated the alternatives for decision making?  ( Multiple choice question)	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:
34. Do you evaluate the alternatives for decision making in the 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 members responsible for the decision making process?  Please give an example.	(Yes/No)
38. How many decisions are required to be completed by all members of the team in the process, and why?	(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 Why?	Question type: Please explain the reason:

40. Is the customer team involved in the 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 need for decision making?	( Completely understanding / Almost understanding / Partly understanding / Almost not understanding / Completely not understanding)
43. Have you evaluated the alternatives for decision making? ( Multiple choice question)	(Directly using existing solutions/ Modifying existing solutions/ Formulating new solutions/ Others) Please explain the reason:

44. Do you evaluate the alternatives for decision making in the 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	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	evaluation criteria / Others)
when evaluating alternatives for	
decision making?	
( Multiple choice question)	
-	
46. How do you choose solutions for	(Selecting the first solution meets the requirements, no longer considering other solutions / 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:
47. Are there any	(Yes/No)
members responsible	
for the decision	
making process?	
Please give an example.	
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48. How many decisions are required to be completed by all members of the team in the process, and why?	(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 you think not need decision-making, and Why?	Question type: Please explain the reason:
50. Is the customer team involved in the 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: