Software Requirements Engineering Project

Questionnaire about the Decision-Making Process

Group number:	

• The questionnaire should be completed by groups. Please provide the answers according to the actual situation in your course project.

Questions	Answers
1. What types of problems does	Type of problem:
your group think are important,	
require decision making, and	Please explain the reason:
why?	
2. Does your group understand	(Completely understanding / Almost understanding / Partly understanding / Almost not
the problems to be made a	understanding / Completely not understanding)
decision?	
3. What are the sources of	(Directly using existing solutions/ Adapting existing solutions/ Formulating new solutions/
alternatives for decision-making	Others)
in an RE activity? (Multiple	Please explain the reason:
choice question)	
4. Does your group evaluate the	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of
alternatives in decision-making	the issues / Alternatives will be evaluated in about half of the issues / Alternatives will be
process?	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	Note: if there is no alternative option in the decision making process, please skip this question.
method does your group usually	(Allocating weight for each dimensions to be evaluated / Scoring for alternatives /
adopt when evaluating	Formulating evaluation criteria / Others
alternatives for decision)
making? (Multiple choice	
question)	
6. How does your group choose	(Selecting the first solution meets the requirements, no longer considering other solutions /
solutions for decision making,	Considering partial solutions, choosing the best solution (locally optimal solutions) /
and why? (Multiple choice	Considering as much as possible solutions, choosing the optimal solution (globally optimal
question)	solution)/ Others
· ,	Please explain the reason:
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7. Is there any member in the	(Yes / No)
group responsible for	
decision-making process?	
8. What percentage of decisions	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
are made with the involvement	decisions)
of all members?	Please explain the reason:
of all memoers.	rease explain the reason.
9. What kinds of problems does	Question type:
your group think not require	
decision-making, and why?	Please explain the reason:
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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 does your group think are important, require decision making, and why?	Type of problem: Please explain the reason:
12. Does 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/ Adapting existing solutions/ Formulating new solutions/ Others) Please explain the reason:

14. Does 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 does your group 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 does 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 (locally optimal solutions) / Considering as much as possible solutions, choosing the optimal solution (globally optimal solution)/ Others
17. Is 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 problems does	Question type:
your group think not require	Queenen type.
decision-making, and why?	Please explain the reason:
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20. Are customers involved in	(Participating in each decision / Participating in most decisions / Participating in about half of
decision-making process?	decisions / Participating in a few of decisions / Not participating in any decision)
	Please explain the reason:
	Requirements validation
21. What types of problems does	Type of problem:
your group think are important,	
require decision making, and	Please explain the reason:
why?	
22. Does your group understand	(Completely understanding / Almost understanding / Partly understanding / Almost not
the problems to be made a	understanding / Completely not understanding)
decision?	

23. What are the sources of alternatives for decision-making in an RE activity? (Multiple choice question)	(Directly using existing solutions/ Adapting existing solutions/ Formulating new solutions/ Others) Please explain the reason:
24. Does 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:
25. What kind of evaluation method does your group 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 does 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 (locally optimal solutions) / Considering as much as possible solutions, choosing the optimal solution (globally optimal solution)/ Others) Please explain the reason:
27. Is there any member in the group responsible for decision-making process?	(Yes / No)

28. 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:
29. What kinds of problems does	Question type:
your group think not require	
decision-making, and why?	Please explain the reason:
30. Are customers involved in	(Participating in each decision / Participating in most decisions / Participating in about half of
decision-making process?	decisions / Participating in a few of decisions / Not participating in any decision) Please explain the reason:
	Requirements negotiation
31. What types of problems does	Type of problem:
your group think are important, require decision making, and why?	Please explain the reason:
32. Does your group understand	(Completely understanding / Almost understanding / Partly understanding / Almost not
the problems to be made a decision?	understanding / Completely not understanding)

33. What are the sources of	(Directly using existing solutions/ Adapting existing solutions/ Formulating new solutions/
alternatives for decision-making	Others)
in an RE activity? (Multiple	Please explain the reason:
choice question)	
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34. Does your group evaluate	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of
the alternatives in	the issues / Alternatives will be evaluated in about half of the issues / Alternatives will be
decision-making process?	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	Note: if there is no alternative option in the decision making process, please skip this question.
method does your group usually	(Allocating weight for each dimensions to be evaluated / Scoring for alternatives /
adopt when evaluating	Formulating evaluation criteria / Others
alternatives for decision	
making? (Multiple choice	
question)	
36. How does your group choose	(Selecting the first solution meets the requirements, no longer considering other solutions /
solutions for decision making,	Considering partial solutions, choosing the best solution (locally optimal solutions) /
and why? (Multiple choice	Considering as much as possible solutions, choosing the optimal solution (globally optimal
question)	solution)/ Others
1	Please explain the reason:
37. Is there any member in the	(Yes / No)
group responsible for	
decision-making process?	

38. How many decisions are	(All of decisions / Most of decisions / About half of decisions / A few of decisions / None of
made with the involvement of all	decisions)
members?	Please explain the reason:
39. What kinds of problems does	Question type:
your group think not require	
decision-making, and why?	Please explain the reason:
decision making, and wify.	rease explain the reason.
40. Are customers involved in	(Participating in each decision / Participating in most decisions / Participating in about half of
decision-making process?	decisions / Participating in a few of decisions / Not participating in any decision)
	Please explain the reason:
	Requirements documentation
41. What types of problems does	Type of problem:
your group think are important,	Type of proofeni.
require decision making, and	Please explain the reason:
why?	
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42. Does your group understand	(Completely understanding / Almost understanding / Partly understanding / Almost not
the problems to be made a	understanding / Completely not understanding)
decision?	

43. What are the sources of	(Directly using existing solutions/ Adapting existing solutions/ Formulating new solutions/
alternatives for decision-making	Others)
in an RE activity? (Multiple	Please explain the reason:
choice question)	
-	
44. Does your group evaluate	(Alternatives will be evaluated in all of the issues / Alternatives will be evaluated in most of
the alternatives in	the issues / Alternatives will be evaluated in about half of the issues / Alternatives will be
decision-making process?	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	Note: if there is no alternative option in the decision making process, please skip this question.
method does your group usually	(Allocating weight for each dimensions to be evaluated / Scoring for alternatives /
adopt when evaluating	Formulating evaluation criteria / Others
alternatives for decision)
making? (Multiple choice	
question)	
46. How does your group choose	(Selecting the first solution meets the requirements, no longer considering other solutions /
solutions for decision making,	Considering partial solutions, choosing the best solution (locally optimal solutions) /
and why? (Multiple choice	Considering as much as possible solutions, choosing the optimal solution (globally optimal
question)	solution)/ Others
•	Please explain the reason:
	•
47. Is there any member in the	(Yes / No)
group responsible for	
decision-making process?	1

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 does your group think not require decision-making, and why?	Question type: Please explain the reason:
50. 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: