**A Questionnaire about Modeling Traceability in Systems and Software Engineering**

1. Educational background?
   1. Bachelor
   2. Masters
   3. PhD
   4. Other
2. Industrial experience?
3. Less than 5 years
4. 5-10 years
5. 11-20 years
6. More than 20 years
7. Occupational role?
   1. Company CEO
   2. Project manager
   3. Supervisor
   4. Developer
   5. Other
8. Domain of expertise
9. Analyst
10. Designer
11. Tester
12. Programmer
13. Other
14. Company domain
    1. Software development
    2. Hardware development
    3. A and B
    4. Other
15. Company location (country)
16. Company size
17. Less than 10 employees
18. Between 10-100
19. Between 101-1000
20. More than 1000
21. Why your company apply traceability?
22. Comply Regulations
23. Change impact analysis
24. System validation and verification
25. Other
26. In which domain traceability is adopted?
27. Requirement Engineering
28. Model Driven Engineering
29. Systems Engineering
30. All of the above
31. Please specify the type of artifacts that you trace?
32. Where do the traced artifacts exist?
33. One model in a single phase/level
34. One model different phases/levels
35. Across different models and at the same phase/level
36. Across different models and at the same phase/level
37. Please specify the direction in which you trace artifacts?
38. One direction

B. Bidirectional

1. Please specify the cardinality of the traced artifacts?
2. One SOURCE artifact to one TARGET artifact
3. One SOURCE artifact to many Target artifacts
4. Many SOURE artifacts to one TARGET artifact
5. Many Sources to many Targets artifacts
6. How do you identify the trace links between the traced artifacts
7. Rely on logs
8. Trace links taxonomy
9. My Own Judgment
10. Please specify the name of the traceability tool that you use at work
11. Is the tool platform dependent (e.g., works only under certain operating systems)
12. Yes
13. No
14. Can the tool allow you to specify some constraints on a certain trace link or an artifact?
15. Yes
16. No
17. Can the tool allows you to specify some information about a trace link such as name, type, etc.?
18. Yes
19. No
20. Can the tool allow you to visualize traceability information in
21. Textual Format
22. Graphical format
23. Textual and graphical format
24. Tabular format
25. Can the tool allows you to specify information about an artifact such as type, version, etc.?
26. Yes
27. No
28. Can the tool allow you to specify which artifact is a SOURCE and which artifact is a TARGET
    1. Yes
    2. No
29. Can you specify a source and a target artifacts of different levels of granularity?
30. Yes
31. No
32. Can the tool be customized to add more traceability features if needed?
33. Yes
34. No
35. Would you be interested in participating of testing a new traceability model?
36. Yes
37. No
38. Please write any comment that you would like to add about this survey
39. Do you want to withdraw from the Survey?
40. Yes
41. No