

Conceptual Characterization of Design Science as a Research Methodology for Information Systems Engineering

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The survey intend to collect DSR users experience which will help the authors to documents their reflection which will assist DSR custodians to assess and improve the methodology for Information System Engineering

** Indicates required question*

1. 1. Have you used Design Science research prior PhD *

Mark only one oval.

☐ Yes

☐ No

2. 2. Where did you use design science methodology *

Tick all that apply.

☐ Masters

☐ Doctoral

☐ Academic research project

☐ Industry project

3. 3. What motivated the research to take DSR approach *

4. 4. What problem was the research solving? Or what was the research problem? *

5. 5. What type of artefact have the study produced *

Mark only one oval.

- ☐ Model
- ☐ Framework
- ☐ Process
- ☐ System
- ☐ Method
- ☐ Requirements
- ☐ Knowledge
- ☐ Repository
- ☐ N/A
- ☐ Other: _____

6. 6. Whose design science guidelines did your study follow *

Mark only one oval.

- ☐ Hevner et al
- ☐ Vaishnavi & Kuechler
- ☐ Peffers et al
- ☐ Wieringa
- ☐ Vernable et al.
- ☐ N/A
- ☐ Based on the cours of Design Science from my master wit Mr. Oscar Pastor
- ☐ Other: _____

7. 7. Were you aware of other guidelines than the one you used for your study *

Mark only one oval.

- ☐ Yes
- ☐ No

8. 8. If yes why did you go for the one you chose, if you selected no then type N/A *

9. 9. Did the main purpose of your study follow empirical research cycle and/or engineering cycle *

Mark only one oval.

- ☐ Empirical
- ☐ Engineering

10. 10. Did you evaluate the artefact *

Mark only one oval.

☐ Yes

☐ No

11. 11. How did you evaluate the artefact *

Mark only one oval.

☐ Interview

☐ Survey

☐ Focus groups

☐ Workshop

☐ Experiment

☐ Survey and Focus groups

☐ Interviews and Focus groups

☐ N/A

☐ Other: _____

12. 12. Did you attend a Design science workshop before/during the study *

Mark only one oval.

☐ Yes

☐ No

13. 13. What challenges have you experience when using design science methodology *

14. 14. What opportunities have you experienced when using DSR methodology *

15. 15. What were the Lesson learned in the journey *

16. 16. What kind of support do you wish you had received during the journey? *

17. 17. Were you ever discouraged to carry on with the methodology during the study *

Mark only one oval.

☐ Yes

☐ No

18. 18. If you selected **yes** on Q17 , what kind of discouragement did you experience?

19. 19. Have you published your research conducted using design science methodology *

Mark only one oval.

☐ Yes

☐ No

☐ Publication underway

Demographics

20. Select your age range *

Mark only one oval.

☐ 18-30

☐ 31-40

☐ 41-50

☐ 51-60

☐ 61-70

☐ >70

21. What is your highest level of qualification *

Mark only one oval.

☐ Bachelor Degree

☐ Masters

☐ Doctorate

22. How many years of research experience do you have *

23. How many years of experience in your company *

24. Number of articles published at conferences in the last year *

25. Number of articles published in journals in the last year *

26. Continent *

Mark only one oval.

- ☐ Africa
- ☐ Europe
- ☐ Asia
- ☐ America
- ☐ Australia

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