

Questionnaire to evaluate usefulness and cognitive effort of the DSML4PTM

Please answer to the below sections as follows:

- section 1 and 2 **before** the introduction of the DSML4PTM,
- section 3, 4 and 5 **after** the introduction of the DSML4PTM.

Section 1: Questions on your general background

1.1 Select your study degree	<input type="checkbox"/> Bachelor degree <input type="checkbox"/> Master degree <input type="checkbox"/> PhD
1.2 What's the field of your study degree?	
1.3 Have you ever dealt with any modeling languages? (e.g. UML, BPMN, CMMN, DMN etc)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
1.4 Have you ever modelled any flow diagram?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
1.5 Have you ever programmed any software?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
1.6 Select your current level in software programming	<input type="checkbox"/> Enough <input type="checkbox"/> Sufficient <input type="checkbox"/> Little <input type="checkbox"/> Not at all

Section 2: Questions on modeling background

2.1 Have you ever modelled Business Processes?	<input type="checkbox"/> Yes, also for commercial purposes <input type="checkbox"/> Yes, only for didactic purposes <input type="checkbox"/> No <input type="checkbox"/> Not sure
2.2 Have you ever modelled Case Management?	<input type="checkbox"/> Yes, also for commercial purposes <input type="checkbox"/> Yes, only for didactic purposes <input type="checkbox"/> No <input type="checkbox"/> Not sure

2.2 Have you ever modelled DecisionLlogic (e.g. decision tables, business rules, decision model, Q-Charts?)	<input type="checkbox"/> Yes, also for commercial purposes <input type="checkbox"/> Yes, only for didactic/research purposes <input type="checkbox"/> No <input type="checkbox"/> Not sure
2.3 In which language have you modelled business processes?	<input type="checkbox"/> BPMN <input type="checkbox"/> UML Activity Diagram <input type="checkbox"/> None <input type="checkbox"/> Others (please specify)
2.4 In which language have you modelled case managment?	<input type="checkbox"/> CMMN <input type="checkbox"/> None <input type="checkbox"/> Others (please specify)
2.5 In which language have you modelled decision logic?	<input type="checkbox"/> DMN <input type="checkbox"/> SBVR <input type="checkbox"/> SPARQL Inferencing Notation <input type="checkbox"/> None <input type="checkbox"/> Others (please specify)
2.6 What modelling language did you hear of?	<input type="checkbox"/> BPMN <input type="checkbox"/> CMMN <input type="checkbox"/> BPEL <input type="checkbox"/> UML Activity Diagram <input type="checkbox"/> EPC <input type="checkbox"/> YAWL <input type="checkbox"/> DMN <input type="checkbox"/> SBVR <input type="checkbox"/> SPARQL Inferencing Notation <input type="checkbox"/> None <input type="checkbox"/> Others (please specify)
2.7 Which modelling language would you be able to use?	<input type="checkbox"/> BPMN <input type="checkbox"/> CMMN <input type="checkbox"/> BPEL <input type="checkbox"/> UML Activity Diagram <input type="checkbox"/> EPC <input type="checkbox"/> YAWL <input type="checkbox"/> DMN <input type="checkbox"/> SBVR <input type="checkbox"/> SPARQL Inferencing Notation <input type="checkbox"/> None <input type="checkbox"/> Others (please specify)

Author: Emanuele Laurenzi 2018 – Guidelines taken from Tullis, T. (Thomas) & Albert, B. (William), 2013. *Measuring the user experience : collecting, analyzing, and presenting usability metrics*, Elsevier.

2.8 Have you ever attended courses on how to model business processes/case management/decision logic?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.9 Have you ever heard of domain-specific modelling approaches?	<input type="checkbox"/> Yes, (please specify) <input type="checkbox"/> No
3.0 Do you know the benefits of a domain-specific modeling language?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure

Section 3: Evaluation on the usefulness of the DML4PTM

[illegible]

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[illegible]

Section 4: Evaluation on the cognitive effort of the DSML4PTM

[illegible]

	<div></div> <div><input type="checkbox"/> No</div>
4.2 Did you have difficulties to adapt the proposed scenario?	<div><input type="checkbox"/> Yes, (please specify the difficulties you encountered)</div> <div></div> <div><input type="checkbox"/> No</div>
4.3 Do you think the applicability of the language should improve?	<div><input type="checkbox"/> Yes (please specify the aspects to improve in terms of applicability)</div> <div></div>

[illegible]

Section 5: Evaluation on the focus group

5.1 How was the overall focus group experience?	

	<div></div>
5.2 Do you think the session should improve?	<div><div><input type="checkbox"/> Yes, (please describe aspects to improve)</div><div></div><div><input type="checkbox"/> No</div></div>
5.3. Which target group would you recommend for the next evaluation session?	<div></div>