Instructions on the Individual BPMN Delivery
TDT4175 – Information Systems
(AUTUMN 2024)

Contribution to final grade: N/A
Deadline: 25/09 – submit your own models
02/10 – evaluate peer's models
Maximum word count: 1000 words
Deliverables: Two pdf files, one for each of the modelling cases

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Learning Objective: Learn to read and evaluate a BPMN, and write constructive peer review report

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Introduction

- All students must submit two modelling cases in pdf format, i.e., two pdf files, one per modelling case.
- All students will be assigned two modelling cases to evaluate.
- The files with the modelling solutions and the evaluation must be submitted in the **Peer Review** section on **Blackboard**.

Rubric

When writing your evaluation, you must focus on these three main aspects of the model:

1. **Empirical** – This occurs when the model is drawn in such a way that it is difficult to read. For example, too many activities, control flows that go in all directions crossing each other, too many nested gateways etc.
2. **Syntactical** – This occurs when the model violates the rules of BPMN. Examples are dangling activities (not on a path from start to end); control flows crossing pool boundaries; message flows connecting activities within a pool; wrong use of X-OR and AND gateways, etc. The students get a list of these violations in the course textbook and on the sheets, which they can check from.
3. **Semantical** – This occurs when the model gives a wrong interpretation of the textual description, for example, a sequence of activities when the text indicates that activities can be performed in parallel, omission of important activities, etc.

Students should award scores to the reviewed cases based on the following rubric:

A score of 5 indicates readable and well-organized diagrams that use sub-processes,
A score of 4 indicates readable and well-organized diagrams that do not use sub-process.
A score of 3 indicates readable but not well-organized diagrams that use sub-processes.
A score of 2 indicates readable but not well-organized diagrams that do not use sub-processes.
A score of 1 indicates non-readable and unorganized diagrams.

Writing the feedback

Both empirical and semantical aspects of a model are subject to differences in interpretation, and it is therefore difficult to be conclusive with respect to what can be considered right and wrong. You are therefore encouraged to give feedback in more of a style that points at issues than a style of pointing at mistakes.

The structure of your evaluation is already provided in the evaluation form (table) below; please use this table to submit your evaluation. The table consists of the three criteria and the score-scale explained above, and you must give a score to each of the criteria.

After this table, you should write your feedback in about 1000 words justifying why you awarded such scores (of empirical-score, syntactical-score and semantical-score). In this section, describe a more exhaustive explanation of your evaluation including:

- a discussion of the positive aspects;
- a discussion of the negative aspects.
- concluding remarks and possibilities for improvement.

General tips

- Be specific
- Avoid vague feedback
- Give suggestions for improvement
- Justify your suggestions