**Questionnaire for Artefact Design in Business Process Large Language Model**

**-**This is a questionnaire to identify problems related to business process management and value the design objectives for the model design

1. What problems do you identify during process analysis? (Process analysis means identifying weaknesses and strengths in the current process and the impact they may have on the business outcomes. For example, analyzing the old process of storing documents in SharePoint and identifying some chaos resulted in this process)

* Unclear or complex documentation of the process for the analytical discussion
* Unsure about what methodology to use for a certain business process analysis
* Challenges in capturing user feedback
* Limited tools for process analysis
* Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What problems do you identify during the process redesign step? (Process redesign means changing the workflow to improve the already existing processes, for example, improving the AL issuing process efficiency by changing the traditional issuing process to a digitalized process.)

* Insufficient understanding of the current process
* Lack of tools supporting the redesign stage
* Difficulty in prioritizing improvements
* Inadequate resources for redesign efforts (e.g. lack of business process experts)
* Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Our design:**

We designed a large language model specialized in Business Process Management (BPM) and Business process modeling and notation (BPMN). BPMN is a modelling language which presents processes in a workflow format. The final artefact should understand process-specific questions as well as process models built in BPMN.

1. What are your acceptance criteria for using this tool in your work?

* Proven accuracy in understanding workflow models
* Integration capabilities with other systems
* Scalability to handle large workflows
* User-friendly interface and documentation
* Reasonable response times in productive use
* Effective support in BPM-activities
* Easy implementation and accesability
* Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What are the rejection criteria for you to not consider this tool in your work?

* Lack of BPM-specific knowledge
* Poor BPMN model interpretation and explanation
* High implementation and maintenance costs
* Frequent model inaccuracies
* Long response times
* Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. We have 5 design objectives (the goals that guide our work) for this tool. Please tick those you agree with.

* The artefact should have an advanced understanding of BPM and BPMN.
* The artefact should be able to process BPMN diagrams in natural language.
* The artefact should provide support for the BPM activities “Process Analysis” and “Process Redesign”
* The artefact should be able to interact with users in an intuitive way
* The artefact should have reasonable waiting times
* With which Design Objective do you not agree and why: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What Design Objectives are missing?

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