

TOPIC DESCRIPTION FOR A MASTER THESIS

A SYSTEMATIC LITERATURE SURVEY ON CONCEPTS OF DIGITALIZATION OF BUSINESS PROCESSES

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Motivation

To realize digitalization in the company and to make it usable for business processes is a question that is a concern for many companies today. Here the term digitalization functions as an umbrella term. In order to discuss and understand the changes caused by digitalization, it is necessary to understand which concrete concepts are meant by digitalization in the respective context.

Task description

Therefore, we aim to carry out an in-depth study to identify concepts of digitalization in the context of business processes and business process models. The research method should follow a systematic literature review approach combined with a taxonomy or framework development. This topic is a research-based topic without any need for implementation.

- Plan a systematic literature review method with explanation. Do and report the research according to that.
- Form a comprehensive categorization of digitalization concepts in the context of business processes / business process models

Further information

It is possible to write this thesis in German or English. Please write in your application shortly why you are interested in the topic and what further experience you have in the field. Before the proposal process, there will be a short test (consisting of general questions and your understanding of the topic) to see if you are the right person for the topic.



References

- Kitchenham, B.: Procedures for Performing Systematic Reviews. (2004)
- Nickerson, R.C. et al.: A method for taxonomy development and its application in information systems. European Journal of Information Systems 22, 336–359 (2013)
- Rittmeier, F., Engels, G., Teetz, A. (2019). Process Weakness Patterns for the Identification of Digitalization Potentials in Business Processes. Cham: Springer International Publishing.