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## Master thesis on the topic Development of a methodology for the evaluation of workflow management in ERP systems

### Description:

- Companies are constantly faced with the challenge of ensuring their competitiveness. Thus, most companies strive to systematically optimize their processes. The order fulfillment process is the core process of value creation in manufacturing companies and can be optimized, among other things, through the correct use of IT systems. The ERP system is IT backbone of order processing. The use of workflow management functionalities integrated in the ERP system enables companies to partially automate their processes and make them more efficient. However, the question arises for the individual companies which workflow management functionalities are suitable for them.
- The aim of this thesis is the development of a methodology that enables the evaluation of workflow management in ERP systems.
- In the context of this, a model has to be developed, which enables a characterization of workflow engines in ERP systems and their use. For this purpose, a market analysis will be conducted, and the conception of workflow engines will be analyzed. In addition, the integration of workflow engines in ERP systems and the respective interfaces will be considered.

### Your profile:

- You are studying engineering, industrial engineering or business administration.
- You are interested in business IT and operational processes of manufacturing companies.
- You have an independent, committed and goal-oriented way of working.
- You are confident in using the common MS-Office programs.

### Contact:

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