

Requirement Management in Enterprise Systems Projects

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1 Motivation

ERP systems and other enterprise systems are the backbone of any company in a digitized world. In almost every company Enterprise Systems are adapted to the needs of the customers within the scope of parameterization, modifications (changes to existing functions and logics) or even extensions (new developments of existing functions and logics). However, many of such Enterprise Systems projects fail due to missing, incorrect, inadequate or incomplete requirements there are “incorrect” expectations, divergents in definition and attitudes on requirements management between customers and suppliers. These challenges will be highlighted, talked over and discussed during this workshop.

2 Expected results (work objectives) of the workshop

Presentation of points of view, ways of thinking, processes and perceptions of Enterprise Systems customers or prospective customers and providers in selection, implementation and further development of Enterprise Systems in the context of requirement management. Sketching of a new requirement management model in an Enterprise Systems project for the further development of the existing system landscape.

3 Workshop Agenda

- Introduction to the topic and keynote by the organizers of the workshop.
- Presentation of the submitted and accepted papers with subsequent discussion.
- Formation of a panel of experts out of the workshop participants (Enterprise Systems users, Enterprise Systems providers, consultants and academic staff from universities and technical colleges).

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- Cardsorting: Each group of experts uses card-sorting to develop a requirements management model in an Enterprise Systems project to further develop the existing system landscape.
- The models are presented, laid over each other, discussed and subsequently derived a jointly new model.
- Summary and resume by the organizers.

4 Program Committee

- Martin Adam, FH Kufstein Tirol
- Wolfgang Ahammer, VFI GmbH
- Roman Clara, Wuerth Phoenix S.R.L.
- Fritz Fahringer, Standortagentur Tirol GmbH
- Sylvia Geyer, FH Technikum Wien
- Gunther Glawar, EVVA Sicherheitstechnologie GmbH
- Bernhard Göbl, Deloitte Services Wirtschaftsprüfungs GmbH
- Bernd Lessmann, ams.erp Solution GmbH
- Felix Piazzolo, Universität Innsbruck
- Kurt Promberger, Universität Innsbruck
- Ludwig Rupp, Rupp AG
- Anton Vorraber, KTM AG

5 Perspective

The results of the development of the new procedure model for requirement management in an Enterprise Systems project for the further development of the existing system landscape are processed in a paper and submitted to the next Software Engineering Conference 2021.