Requirements Engineering

Course Description

The early phases of software development are largely characterized by the fact that functional and technical requirements for the IT system have to be determined. The determination of these requirements must be carried out extremely carefully because all of the following activities in the SW development process are planned and executed on the basis of documented requirements. In this course, procedures, methods, and models are covered, which make it possible to have a structured and methodical determination and documentation of requirements for operational information systems.

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   2. Core Activities in Requirements Engineering
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   1. Determination of the System Context
   2. Determination of the Sources of Requirements
   3. Selection of the Appropriate Investigative Techniques
   4. Determine Requirements Using Techniques
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   1. Creativity Techniques
   2. Interview Techniques
   3. Observation Techniques
   4. Prototyping
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   2. Typical Elements of Requirements Documentation
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   1. Managing Requirements
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