

Do you want your new software product to go down well with users, help them in their daily work and be easy to get to grips with? You can achieve this goal using user-oriented requirements engineering, which involves future users right from the very beginning.

Consulting Development Integration

User-oriented Requirements Engineering

Get the users involved

The user-orientation commences as soon as you start to identify the requirements. User-oriented requirements engineering carried out together with our experts helps you concentrate on the most essential requirements. This improves acceptance and reduces development costs.

Gathering the requirements

In order to meet the demands of the prospective user groups in the best possible way, developers must understand the ultimate goals and activities of the users as well as the environment in which the application is to be used. Our specialists collect the information required in this respect directly from the future users. This is done using methods such as structured interviews, focus groups, questionnaires and contextual enquiries.

Structuring the requirements

Experienced requirements engineering experts analyse the information that has been gathered. They then structure the resulting requirements with regard to the system and document these. Methods borrowed from usability engineering, such as the use of personas and scenarios, supplement classic requirements engineering techniques, such as use case specifications.



Iterative approach

The results obtained from gathering and structuring the requirements are regularly visualised, for example as (paper) prototypes. This allows requirements to be quickly verified with the users, on repeated occasions if necessary.

This approach quickly leads to tangible results and enables consensus and a common understanding to be reached regarding the new system, thereby improving the quality of the solution.

Results of the requirements engineering

Typical results of a user-oriented requirements engineering process with Zühlke include:

- Personas and scenarios
- Product vision
- Feature list and/or product backlog
- Use cases and/or user stories
- Quality criteria and boundary conditions
- User interface mock-ups or prototypes.

Benefits for you

The “user-oriented requirements engineering“ service offered by us allows you to focus your products on the requirements of the users, both for newly developed systems as well as for the redevelopment and ongoing development of current applications. The inclusion of users at an early stage helps create applications with considerably greater quality and efficiency than would otherwise be the case, thus resulting in crucial commercial advantages in the dynamic software market. Your product-related risks are also reduced as a result.

Do you want to use a modern approach to identifying requirements? Place the users right at the heart of your plans! Get in touch with us and we would be happy to produce an individual offer tailored to your needs.



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