

The ultimate dream for users and manufacturers is great software that is also easy to use. Zühlke usability engineering methods allow user needs to be integrated into the development process right from the very start – in a systematic and traceable way. Dreams really do come true.

Consulting Development Integration

Better software as a result of usability methods



GUI prototyping

GUI prototypes or simple storyboards visualise interaction design and workflows from the point of view of users. Use is made of rapid and well proven prototyping tools. Visible objects make it possible to carry out iterative feedback rounds.

Walkthroughs and usability testing

User walkthroughs and usability tests allow users to get to grips with a prototype or a useable version of the product for the first time. The usability experts observe this interaction between user and system to see if the users understand the working procedures and to see where possible problems arise. The results of these tests are used to optimise the interaction design and configuration of the user interface.

Guidelines and styleguides

In order to ensure functionality for users, Zühlke specifies usability standards with a suitable balance between abstract GUI guidelines and specific visual styleguides.

GUI consulting and expert reviews

A usability specialist checks a prototype or useable version of the product against software ergonomics criteria in an expert review. The specialist then discusses his/her suggested improvements directly with the other relevant parties in a GUI consultation session.

Software for users

User friendliness can be influenced and controlled: our tried and tested usability engineering methods focus throughout the entire development process on the needs of the subsequent users. A key element of this approach is specific working results such as storyboards, GUI prototypes and use case models. By integrating requirements engineering and usability methods, user requirements always form a core part of the realisation of solutions.

User surveys and interviews

The usability experts carry out user surveys and interviews in order to find out more about the users, their tasks and needs and also their specific ways of working. The results of this analysis form a core part of the requirements for new solutions.

Personas and scenarios

Based on the results of the user surveys, interviews and workshops, experts draw up typical user profiles (personas) and usage scenarios. These accurately reflect the user requirements and serve as the basis for designing the interaction between users and application.

Use case modelling and specification

Experts portray the application functions in a use case model and specify them using formal use cases for the developers. The user requirements remain traceable in the process.



Zühlke Engineering AG
Wiesenstrasse 10a
8952 Schlieren (Zurich)
Switzerland

Phone +41 44 733 6611
Fax +41 44 733 6612
zuerich@zuehlke.com
www.zuehlke.com

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Depending on the scope and size of your project, all or perhaps just some of these stages will be applicable. Get in touch with us – we have the best methods available and you will really benefit. Give us a call in order to ensure that your new software is a success.