zühlke
empowering ideas

Project Note

Internet Data Safe – agile and innovative

DSwiss AG has launched the world's first Internet data safe with a unique supplementary data inheritance function. Zühlke developed the usability concept and produced this top-quality solution.

DataInherit
Preserve what matters.

DSwiss
Internet Data Banking

Task

This entirely novel Internet service provides highly secure, long-term storage of important digital data and passwords. Moreover, customers can access the contents of the data safe at any time via the Internet. In addition, owners can assign access rights to specific digital secure content for future beneficiaries. DSwiss aims for wide acceptance of the application in B2C business – made possible through its intuitive operation and guaranteed high data security.

Implementation

The Zühlke team was in charge of developing the application. A usability engineer developed the concept to present this novel service to users in a comprehensible way. Adobe Flex achieved the best results in an evaluation of various technologies for user interfaces. This also ensured a rapid development of the extremely user-friendly web application (RIA).
To achieve maximum possible security, the Zühlke team implemented the security concepts of their project partner, Zurich University of Applied Sciences (ZHAW). In addition, the developers constantly oriented themselves to the Open Web Application Security Project (OWASP) and Open Security Architecture (OSA) guidelines. DSwiss took an active role in running the project. With Scrum, a development process was selected, which perfectly supported the innovative nature of the project. The developers incorporated new findings in an agile way, ensuring that financial resources were optimally applied.

Customer benefits

- Thanks to Zühlke's usability engineering, users grasp the new service concept quickly.
- Zühlke has created an extremely user-friendly RIA (Rich Internet Application) by using Adobe Flex.
- DSwiss was able to refine requirements constantly and kept abreast of progress thanks to the agile development process Scrum.
- Pair programming, reviews and tests ensured high-quality software and security.

Technical Data

Development environment:
Eclipse (Flex Builder)

Process:
Agile Development with Scrum

Technologies:
Java
Adobe Flex
Subversion
Clover
Ant

Test account:
www.datainherit.com

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