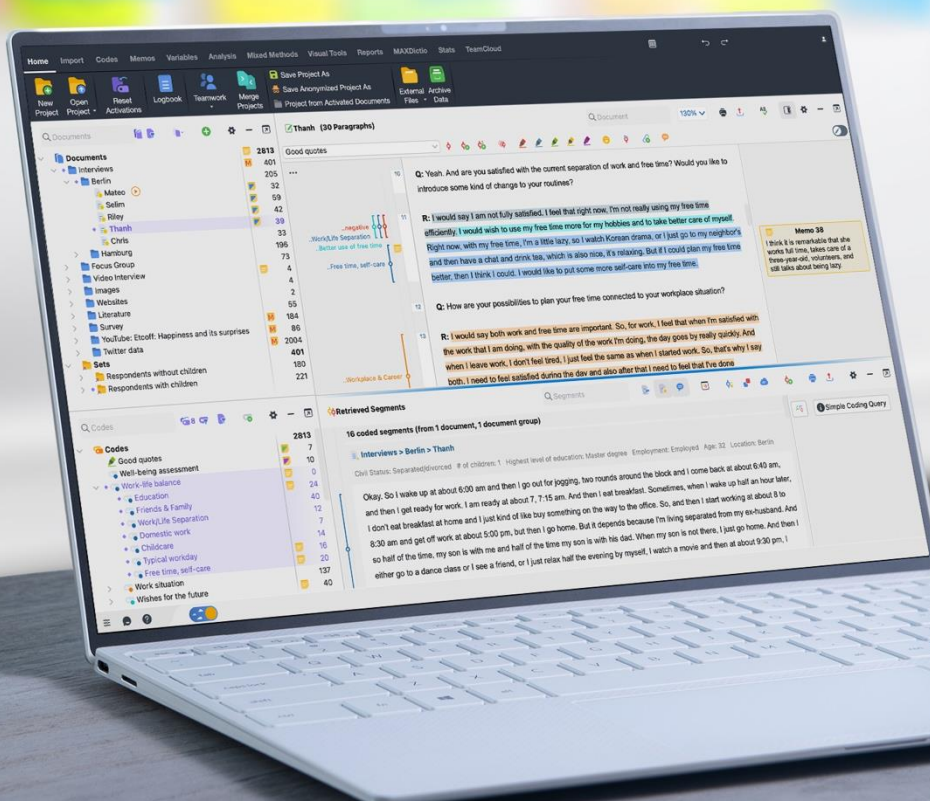




Software Development Lifecycle (SDLC)



MAXQDA is a leading software solution developed by VERBI Software GmbH since 1989, specifically designed for qualitative and mixed methods research. Our commitment to excellence has made MAXQDA a trusted choice among researchers across diverse disciplines, including social sciences, humanities, healthcare, and market research.

This document outlines our Software Development Lifecycle (SDLC), highlighting the key phases involved in managing the development of MAXQDA:

Requirements Gathering and Analysis

To ensure that MAXQDA aligns with our customers' needs, we employ a comprehensive approach to understand their requirements. Through user research, interviews, and market analysis, we gather valuable insights and identify pain points. We also encourage our users to provide feedback, suggestions, and ideas through our dedicated feedback website.

The output of this phase is a well-defined requirement list that serves as a blueprint for the development process and informs the software roadmap.

Design

Building upon the gathered requirements, our team creates detailed designs that encompass the software's architecture, user interface elements, and functionality. We utilize wireframes, mockups, and design tools to provide visual representations that capture the desired look and feel of each feature. Our design phase ensures a user-centric approach and enhances the overall user experience.

Development and Coding

The development phase involves translating the approved designs into actual code. Our experienced development team follows industry-standard coding practices, emphasizing modularity, reusability, and maintainability. We maintain a strong focus on code quality and utilize version control systems to efficiently manage the codebase.

Testing and Quality Assurance

Quality is a crucial aspect of our SDLC. Our dedicated Quality Assurance team conducts rigorous testing to ensure the software functions flawlessly. We employ various testing techniques, including unit testing, regression testing, system testing, and user acceptance testing. Through thorough testing, we identify and rectify any issues or bugs, ensuring a robust and stable software product.

Deployment and Release

Our structured approach to deployment and release ensures compatibility, reliability, and user satisfaction. Prior to deployment, we conduct comprehensive compatibility assessments to ensure seamless performance on both Windows and macOS operating systems. We package the software into platform-specific installation packages that streamline the installation process and offer a user-friendly experience.

Additionally, we closely monitor updates and release patches to maintain compatibility with the latest versions of Windows and macOS.

Maintenance and Support

After deployment, we provide ongoing maintenance and support for MAXQDA. Our team addresses bug fixes, releases updates, and offers technical assistance to our valued customers. We highly value user feedback, as it helps us drive continuous improvement and deliver an exceptional user experience.

Comprehensive information about new features and bugfixes can be found on our Release Notes website.

We also offer free customer support through our Support website, which uses a ticketing system. Additional support includes FAQs and a continuously updated user manual.

Conclusion

At VERBI Software GmbH, we are committed to providing researchers with a robust and user-friendly software solution for their qualitative and mixed methods research. Our well-

defined SDLC ensures a systematic and structured approach to deliver high-quality software that meets the evolving needs of our customers. MAXQDA empowers researchers to unlock the full potential of their data, enabling meaningful discoveries and impactful research outcomes.