

Agile Software Development

Agile software development through **Scrum**

Customer requirements

The customer from the agricultural sector wanted support given by a complete, independently responsible project team. The development of the software was to occur using agile methods, here explicitly through Scrum. The specifications should be realized exactly and in detail as well as completely; missing information was to be supplemented in discussions on a continuous basis. The fulfilment of the requirements was to be guaranteed at all points in time. Testing as to completeness and correctness was to be undertaken on the hardware that was developed for this purpose, if doable on a parallel basis.

Technology used:

Web-based planning tool for Scrum teams: Rally; VPN; various test tools for automated testing of business logic and GUI: Squish, Robot Framework Cucumber; utilities for creating test data.

comlet's solution

comlet has set up its own team, including Scrum Master and Product Owner, for the agile software development process. Being solely responsible for this themselves, the comlet employees realize the customer requirements. In addition to this, the testing of produced program codes against the specifications that were set down for development takes place. In order to fulfil the requirements on a continuous basis, automated test scenarios are created. For the test itself, simulations as well as tests on separate parts of the hardware and on the system as a whole were used.

