sanusx

HOW REQUIREMENTS ENGINEERING AND TESTING IMPROVED SOFTWARE QUALITY AT SANUS-X

Initial situation

Sanus-X is a holistic provider of innovative health services and develops scalable B2B and B2C solutions for a healthier society in close cooperation with partners. The offer ranges from prevention (staying healthy) to rehabilitation (getting healthy) for physical and mental health. Gaps and problem areas in current health care are analysed by Sanus-X and innovative, new service offerings are developed on this basis. The company, which was founded by the UNIQA Group, does not only want to provide more well-being nationally, but also internationally.

To achieve this, it was crucial for Sanus-X to find a new nearshoring development service provider that would ensure a smooth transition from the previous service provider and avoid delays and disruptions to business processes. msg Plaut supported the changeover of the two service providers in this process.

After extensive research and evaluation, the msg Plaut team therefore defined clear communication channels and processes to ensure seamless knowledge transfer and effective cooperation. Together with Sanus-X, open questions were clarified and all necessary information was handed over.

services. The aim was to establish and actively support a continuous process from requirements elicitation to testing.

To ensure the success of the process, msg Plaut was actively involved in the first sprints of Sanus-X. A suitable tool landscape was set up for the efficient implementation of the process. For this purpose, applications were selected and implemented that meet the requirements of the project and effectively support the team in gathering, managing and reviewing requirements as well as in testing.

Trainings and workshops ensure that all Sanus-X employees are familiar with the new processes and tools. Special emphasis was placed on actively involving the internal Sanus-X team in the process and enabling them to apply the acquired knowledge and skills in practice. Thanks to the introduction of an end-to-end process, the project was successfully completed.

Mission

Best of Both

In order to improve the quality of the software solution, the company decided to use the msg Plaut requirements engineering and testing

msg PLAUT

Solution

As part of the implementation by the msg Plaut Requirements Engineering and Testing Team, Sanus-X successfully set up a tool landscape that meets the requirements of the project and supports the efficient implementation of the processes. Jira and Confluence were implemented for this purpose.

A particular focus was on the introduction of a suitable test toolchain, including a prototype for test automation. The selection and implementation of tools that meet the requirements of the project effectively support the team in planning, executing and reviewing tests.

Sanus-X also introduced an integrated methodology for requirements engineering and testing with msg Plaut, in which user stories and test cases build on each other to ensure the seamless integration of requirements and tests. Proven methods and best practices were applied here to improve the quality of the software solution and ensure efficient implementation of the processes.

To ensure that the team can use the new methods and tools effectively, msg Plaut carried out an internal coaching programme. The employees were trained and instructed in the use of the new methods and tools. The support provided by msg Plaut in practical application was also accepted in order to firmly establish the innovations in everyday working life.

Benefits

Targeted quality assurance measures and improvements to the development processes significantly increased software quality. This contributed to improved plannability and transparency for the management, which facilitated decision-making.

The cooperation with msg Plaut Requirements Engineering and Testing resulted in clearly defined processes and the implementation of effective tools. The msg Plaut training courses for the Sanus-X team actively contributed to quality assurance. In addition, specific tools were implemented to increase efficiency in the project team.

The combination of these measures led to the successful implementation of the project with a significant improvement in software quality as well as increased predictability and transparency. This progress enabled the management to better assess the performance of the team and the service provider and to react accordingly, which enabled an effective implementation of the project.

Thanks to these measures, Sanus-X was able to optimise its software development processes and significantly improve the quality of its products. The successful implementation of this project shows that targeted quality assurance and effective cooperation between service providers and internal teams can lead to successful results.

PROJECT PROFILE

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Client

+ Mavie Work GmbH

Branch

+ Health / Occupational health care

Initial situation

+ Client had negative experiences with a nearshoring development service provider and wanted to onboard a new service provider
+ The handover process was to be as smooth as possible
+ The client also wanted to see how the new partner would perform.
+ The quality of the solution should be improved

Task

+ The quality of the software solution was to be increased simultaneously through the introduction of requirements engineering and testing.
+ A continuous process from requirements engineering to testing was to be introduced and supported. In addition, active support should be provided in the first sprints (collaboration in the project).
+ A tool landscape should be established that enables the team to work efficiently.
+ The internal team should be coached on methods and tools.

Solution

+ Set up Jira and Confluence at the customer, including RE and testing workflows.
+ Introduction of a suitable test toolchain incl. prototype for test automation
+ Introduction of an integrated methodology for requirements engineering and testing
+ Coordination of the procedure: user stories and
+ test cases build on each other
+ Coaching of the client

Benefits

+ Increase in the quality of the software solution and plannability/transparency of the development progress
+ Assessment of the new service provider possible
+ Software development becomes tangible and communicable for management
+ Enabling of the customer for requirements engineering and testing
+ Tool introduction for the project

Möchten Sie mehr über unser Angebot erfahren? Wir freuen uns auf Ihren Kontakt.

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