

Establishing base of testing for new project in Tatrabanka

Summary

Tatrabanka required experienced test consultant to establish testing base for their internal project with possible introduction of test automation. SANAE provided the resource from its' internal headcount.

Project length: 13 Months

Technology to test: Ruby, Java

Used tools: HP ALM, Jira, SoapUI, XML, Ranorex (C#), GIT, WindWard (dynamic template creation engine), SQL developer (Oracle DB), TeamCity

Keywords: test base, test automation, functional tests, integration tests

Solution

Introducing the candidate

SANAE swiftly responded to Tatrabanka needs by providing several suitable candidates from its' internal headcount. Client selected one candidate and agreed on long-term contract with team extension model.

Establishing test base

SANAE consultant entered the project at the very beginning with no test team or framework established. Only available documentation to begin with was business requirements. Working from scratch our resource created a basic testing framework consisting of up to 200 manual scripts. Area of coverage reached across multiple test levels from integration to E2E system testing. Test scripts were stored and executed in HP ALM.

Introducing test automation

After the test base was successfully created SANAE consultant begun with covering API integration testing by automated scripts. The main pillars of automated test flow were:

- C# test script development with Ranorex test automation tool
- Versioning and release management of scripts using GIT
- Automated test scheduling, building and execution by TeamCity test execution tool

Although the main goal of our consultant was to establish functional automated framework, he also developed 20 automated baseline scripts for regression testing.

Benefits

Tatrabanka established long-term relationship with SANAE gaining individual and professional approach, access to highly qualified and experienced professionals with warranty. The main benefit for Tatrabanka was expertise of our resource and ability to cover overall testing process including test automation introduction. Also automated regression scripts shortened the release delivery time.