

XQual Xstudio's Feature List as of 2017 October 1srt

Project and Product life-cycle management	Importance for your(3 is highest)
Agile, V-Model, RUP, Kanban or your own methodology	
Integrated management of ALL entities involved in your product's life-cycle	
Team /Squad and users	
Projects, products, releases and sprints	
Any type of requirement, be it stories, use cases, formal or soft requirements	
Technical Specifications (is optional)	
Assets(environments, datasets, resources)	
Tests and Test Cases	
Exploratory Sessions	
Test Campaigns and Sessions	
Coverage, plan and quality Reports	
Defects	
Easy to manage bidirectional traceability	
KPI for Decision makers	Importance for your(3 is highest)
One-click progression assessment on requirements and specifications completion	
One-click testability and quality assessment	
Radar based at-a-glance sanity assessment before move to production	
Quality driven development assessment using the test pyramid	
Visual Data analysis (out of the box)	Importance for your(3 is highest)
Out-of-the-box dimension-based and time-based data analysis diagrams for any object	
Dashboard including your assignments and your favorite charts/metrics	
Export/Generation of One-click Reports in xml, html, csv (Excel) and docx (Word) formats	
SUTs coverage	
SUTs results	
Requirements coverage/results	
Specification coverage/results	
History of all test executions	
Campaign coverage/results	
Campaign trends/progress	
Campaign results comparison (per configuration/operator/agent)	
Defect metrics per status/per user	
Defect submission rate vs resolution rate trend	
Graph of dependencies between tests	
Graph of dependencies between tests	
Tracking of test readiness for manual/automated execution	
Tracking of bugs status (submission rate vs resolution rate)	
Tracking of scrum projects (velocity graph automatically generated)	
Tracking of user's calendar/absences and holidays management	
Real-time status on on-going test campaigns as they are running	
Monitoring of resources during testing	
Generation of coverage metrics on any sub-domains of requirements, specifications and tests	
Automatic generation of the traceability matrix	
Always-on visual real-time statistics and clues	
Quality focus	Importance for your(3 is highest)
Support for automated and manual tests execution	
Dedicated exploratory testing module based on Session-Based Test Management	
Automatic conversion of exploratory notes to scripted tests	
5 different interfaces to execute your manual tests the way you prefer	
Ability to control automated script's version-controlled files	
Automatic scan/referencing of automated tests scripts	
Shared/Reusable test cases	
Test case parameterization (including the powerful pairwise algorithm)	
Real-time execution graph stored	
Execution of the tests on several agents simultaneously (and on N independent threads on each if necessary)	
Dependencies between tests	
Automatic scaffolding of tests from Requirements or specifications	
Enabling DevOps	Importance for your(3 is highest)
Connectors to any Continuous Integration environment including Bamboo, Jenkins and Hudson	
75+ different launchers to execute your automated tests (incl. QTP/UFT, Selenium, JMeter, Robot Framework, Cucumber, Sahi, Ranorex, SilkTest, TestComplete, soapUI, webui, TestPartner, AutoIt, Squish, JUnit, Nunit, xUnit.net, pyUnit, TestNG, Marathon, TestStand, etc.)	
Distributed tests on remote computer(s)	
Scheduled test campaigns execution	
Tracing of results in real-time during execution	
Merging and consolidation of results	
Rule based execution behavior in case one test is failing	
SNMP Monitoring of resources (CPU, RAM, Storage...) during testing	

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Campaign and session focus	Importance for your(3 is highest)
Smart Campaign design filtering on SUT, Requirements, Specifications, Defect, environments/assets, and test attributes)	
Automatic ordering of tests in campaign based on dependencies and/or priorities	
Merge of several test campaigns for consolidation	
Generation of residual campaigns from master campaigns	
Automatic build of traceability matrix	
Automated conversion of exploratory test results to manual tests	
Efficient UX	Importance for your(3 is highest)
Consistent UX among all modules	
Tree based object management	
Web-style navigation (backward, forward linking history)	
Wizards based, right-click/contextual menus	
Powerful search engine (text and Id)	
Embedded spell-checker (multilingual)	
Keyword and attribute filtering	
UTF-8 compliant (support of any accentuated languages such as French, Chinese, Arabic, Hebrew etc.)	
Copy of entire folder hierarchy of requirements, specifications, tests, campaigns and defects	
Simple and flexible open source SDK for launchers configuration/development	
Document sharing (including versioning and locking capabilities)	
simple workflow on requirements, specifications, test authoring, test implementation status and defects	
Versioning and change tracking on requirements, specifications, tests, test cases, defects and attachments	
Freeze, unfreeze of SUT, requirements, specification, tests, campaigns	
E-signature	
Time shifting feature to get back to a specific point in time	
Configurable type setting for Requirements, Specification, Tests	
Rich text field embedding images	
Customization of all generated documents (test plans, test reports etc.)	
Custom fields	
Importing SUTs, Requirements, Specifications, Tests, Test cases, Steps, Bugs, Assets and links from Excel/CSV/XML	
Email alerting	
Per-user task assignment	
documentation Management	Importance for your(3 is highest)
Full documentations	
Attachments on requirements, specifications, tests, test cases, defects, campaigns, folders/container, test results etc.	
Attachments are stored either in the DB or on File System	
Team/squad and users management	Importance for your(3 is highest)
User profile customization (rights management)	
User groups/teams (access to specific projects)	
Remote secured connection using SSH or port forwarding	
Integration with ANY LDAP/Active Directory dictionary	
Integration into your environment	Importance for your(3 is highest)
Support for Windows, Linux and Mac	
ALL data stored in MySQL, Oracle, SQL Server or MariaDB	
Real-time connectors to third-party requirements management systems (Generic, JIRA, VersionOne)	
Real-time connectors to the most used bug-tracking systems (Generic, JIRA, Trac, Bugzilla, Mantis, Clearquest, VersionOne, Redmine, QC)	
Enabling compliance with standards, norms and maturity models	Importance for your(3 is highest)
Simplifies your preparation for regulatory audits:	
-FDA (incl. 21 CFR part 11)	
-EU (GMP Annex 11)	
-DO-178C(DAL A, DAL B, DAL C, ...)	
-ISO 26262 (ASIL A, ASIL B, ASIL C, ASIL D)	
-IEC 61508 (SIL 1, SIL 2, SIL 3, SIL 4)	
-EN 50128 (SIL 0, SIL 1, SIL 2, SIL 3, SIL 4)	
-IEC 60880	
-ISO 9001	
-ISO 27001	
Conforms to standards:	
-IEEE 830 (requirements management)	
-IEEE 829 (tests management)	
-IEEE 1028 (software approval)	
-IEEE 1044 (anomaly classification)	
-ISO 25000 (SQuaRE) (software quality)	
Enables your practices with methodology standards such as:	
-CMMI (Capability Maturity Model Integration)	
-TMMi (Test Maturity Model integration)	