

SmarteQM

A Quality Assurance Test Lifecycle Management System

SmarteQM provides a complete Quality Assurance solution that manages requirements, tests, bugs and issues in one environment, with complete traceability from inception to completion.

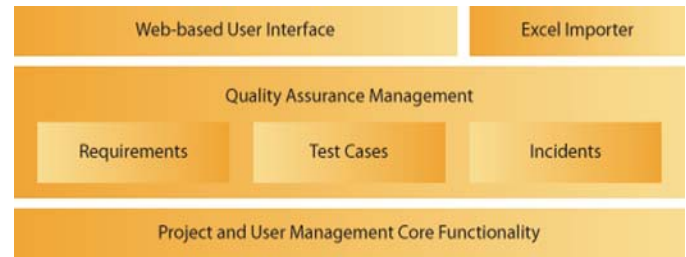
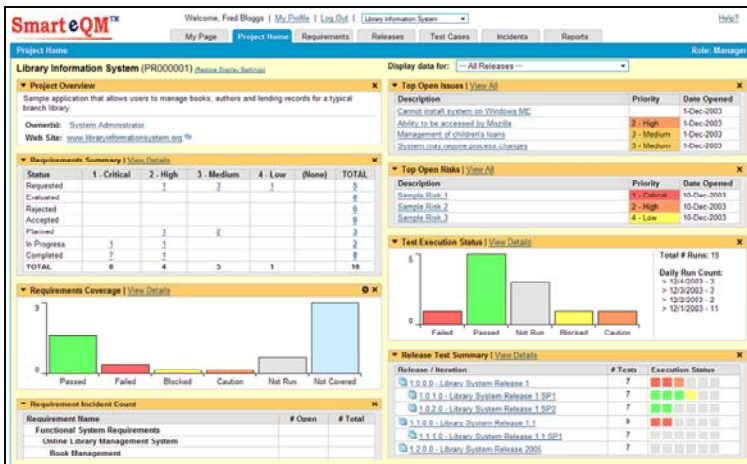
Robust features and an easy to use interface that is fully web-based. Powered by Microsoft .NET Web Technology and SQL Server.

Key Features Include:

- Manage all QA artifacts in one environment**
 Instead of having to buy separate requirements management, bug tracking and testing tools, SmarteQM manages them all, providing *complete traceability from inception to completion*
- Personalized dashboards of key information**
 All of the information you to see the health of the project - *requirements coverage, test case execution, bug count breakdowns* – all on one page.
- Intuitive Web User Interface**
 SmarteQM is 100% web-based, using a clean, intuitive user interface that will be easy to understand by both technical and business users.

Project Summary Dashboards

Each project has a dashboard home-page that summarizes all of the information regarding the project into a comprehensive, easily digestible form that provides a “one-stop-shop” for people interested in understanding the overall status of the project at a glance. It contains summary-level information for all types of artifact (requirements, test cases, incidents, etc.) that you can use to drill-down into the appropriate section of the application.



Requirements Management

SmarteQM provides the ability to create, edit and delete project scope / requirements in a hierarchical organization that resembles a typical scope matrix. In addition, each requirement is mapped to one or more test cases that can be used to validate that the functionality works as expected

Requirement Name	Test Coverage	Importance	Status	Release	Difficulty	Req #	Edit
Functional System Requirements	Not Covered	Any	In Progress			RQ000001	Edit
Online Library Management System	Not Covered	Any	In Progress			RQ000002	Edit
Book Management	Not Covered	Critical	Completed	1.0.0.0	Moderate	RQ000003	Edit
Ability to add new books to the system	Not Covered	Critical	Completed	1.0.0.0		RQ000004	Edit
Ability to edit existing books in the system	Not Covered	Critical	Completed	1.0.0.0		RQ000005	Edit
Ability to delete existing books in the system	Not Covered	Critical	Completed	1.0.0.0		RQ000006	Edit
Ability to associate books with different subjects	Not Covered	Critical	Completed	1.1.0.0		RQ000007	Edit
Ability to associate books with different authors	Not Covered	Critical	Completed	1.1.0.0		RQ000008	Edit
Ability to associate books with different editions	Not Covered	Critical	Completed	1.1.0.0		RQ000009	Edit
Ability to completely erase all books stored in it	Not Covered	Critical	In Progress	1.2.0.0		RQ000010	Edit
Editions Management	Not Covered	High	In Progress			RQ000011	Edit
Subject Management	Not Covered	High	In Progress			RQ000012	Edit
Subject Management	Not Covered	Medium	Planned			RQ000013	Edit
Administration Functions	Not Covered	Medium	Requested			RQ000014	Edit

Test Case Management

SmarteQM provides the ability to create, edit and delete project test cases that are stored in a hierarchical folder structure that will be familiar to users from other applications. Each test case consists of a set of test steps that represent the individual actions a user must take to complete the test.

In addition, each test case is mapped to one or more requirements that the test is effectively validating, providing the test coverage for the requirement. This provides complete traceability from a recorded incident to the underlying requirement that was not satisfied

Test Case Name	Execution Status	Owner	Last Executed	Author	Active	Test #	Edit
Functional Tests (9)	Passed	Fred Bloggs	1-Dec-2003	Fred Bloggs	Yes	TC000001	Edit
Ability to create new book	Passed	Fred Bloggs	1-Dec-2003	Fred Bloggs	Yes	TC000002	Edit
Ability to edit existing book	Caution	Fred Bloggs	1-Dec-2003	Fred Bloggs	Yes	TC000003	Edit
Ability to create new author	Failed	Joe P. Smith	1-Dec-2003	Fred Bloggs	Yes	TC000004	Edit
Ability to edit existing author	Blocked	Joe P. Smith	1-Dec-2003	Fred Bloggs	Yes	TC000005	Edit
Ability to remove book to different author	Not Run	Joe P. Smith	1-Dec-2003 12:00 AM	Fred Bloggs	Yes	TC000006	Edit
Regression Tests (4)	Not Run	Joe P. Smith	1-Dec-2003	Joe P. Smith	Yes	TC000007	Edit
Scenario Tests (2)	Not Run	Joe P. Smith	1-Dec-2003	Joe P. Smith	Yes	TC000008	Edit
Exception Scenario Tests (1)	Not Run	Joe P. Smith	1-Dec-2003	Joe P. Smith	Yes	TC000009	Edit
Person issues book and needs to report issue	Not Run	Joe P. Smith	1-Dec-2003	Joe P. Smith	Yes	TC000010	Edit
Adding new book and author to library	Not Run	Joe P. Smith	1-Dec-2003	Joe P. Smith	Yes	TC000011	Edit
Common Tests (3)	Not Run	Fred Bloggs	1-Dec-2003	Fred Bloggs	Yes	TC000012	Edit
Open Up Web Browser	Not Run	Fred Bloggs	1-Dec-2003	Fred Bloggs	Yes	TC000013	Edit
Login to Application	Passed	Fred Bloggs	1-Dec-2003	Fred Bloggs	Yes	TC000014	Edit

