

Requirements Management Application

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Requirements Management Application description

Enables you to create and edit project workspaces, each with associated requirements, tests and incidents.

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

For the project manager, it provides the ability to create, edit and delete your projects requirements in a hierarchical organization that resembles a typical scope matrix.

Each of your requirements is mapped to one or more test cases that can be used to validate that your functionality works as expected. For the tester, Requirements Management Application provides the ability to execute groups of your test cases - along with their test steps – so that the testers can follow the instructions and determine if the system being tested behaves as expected.

Any deviations from expected behavior can then be recorded as defects and managed in the defect tracking module. In addition, Requirements Management Application has personalized dashboards of key project information.

All of the information you need to see the health of the project - issue summaries, requirements coverage, bug counts, test case execution - on one page.

Here are some key features of "Requirements Management Application":

- Unlimited requirements, releases, test cases and incidents.
- Data import wizard that allows easy migration of existing data via Excel.
- Create, edit and delete requirements in a hierarchical scope matrix organization.
- Assign importance levels to requirements based on business priority.
- Assign owners and track requirement completion status.
- Map requirements to test cases to validate that the functionality works as expected.

- View the pass/fail status of the tests that cover each requirement.
- Ability to filter the list of requirements by importance, status, author, creation date, name and requirement id.
- Move and copy functionality - This allows you to easily move/copy a requirement or set of requirements in the requirements matrix.
- Ability to attach documents and other files to requirements.
- Create, edit and delete project test cases that are stored in a hierarchical folder structure.
- Assign an owner to each test case to delegate testing of different areas of the system.
- Add, edit, reorder and delete individual test steps that define the steps that need to be followed to test the system.
- Specify the expected result and suggested sample data for each test step in the system.
- Execute groups of test cases using the easy-to-use test execution wizard that allows you to mark each step as pass/fail and optionally record a bug.
- Complete traceability from a recorded incident to the underlying requirement that was not satisfied.
- Ability to filter the list of test cases by execution status, author, owner creation date, execution date, name and test case id.
- Move and copy functionality - This allows you to easily move/copy a test case or test folder containing test cases in the test case list.
- Ability to attach documents and other files to test cases.
- Create, edit, assign, track, manage and close incidents (defects).
- Automatically create new incidents (defects) during the execution of test scripts, with the ability to trace incidents to the failing test.
- Incidents can be categorized into bugs, enhancements, issues, training items, limitations, change requests, and risks.
- Assign an owner, business priority and completion status to each incident.
- Comprehensive searching and sorting of all incidents stored in the system, by name, type, status, owner, detector, creation date, closed date and business priority.
- Ability to attach documents and other files to requirements.
- Release Management
- Ability to manage the list of releases/versions of the software being tested
- Test Runs and Incidents associated with particular releases during test execution process
- Drill down capability to list the test runs performed for each release.
- Personalized dashboard summary of everything a user needs to know, across all projects,

covering requirements, tests and incidents.

- Project summary dashboard that displays the health of a project in a single screen, with summary graphs to highlight key information.
- Summary listing of project issues and risks, color-coded by importance.
- Summary graphs that outline requirements coverage and test execution status.
- Library of graphical graphs including incident discovery/closure rates and cumulative incident counts.
- Library of printable testing reports including: Requirements Coverage, Test Case Execution, Printable Test Scripts and Incident Status reports.
- Summary tables that breakdown the projects requirements and incidents by status and business importance.
- Create and edit project workspaces, each with associated requirements, tests and incidents.
- Support for unlimited number of projects.
- Role-based, configurable access control at the project level.
- Easy to use web-based project administration screens.
- Create and edit user profiles, each with their own set of access permissions.
- Email notification for new account creation, lost passwords and account requests
- Secure forms-based web authentication that optionally allows users to save credentials on trusted machines.
- Easy to use web-based system administration screens.
- Easy install (server side only) using Windows Installer and minimal ongoing maintenance needed.