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TESTLINK

Test-link is the most widely used web-based open-source test management tool. It synchronizes both requirements specification and test specification together. Users can create a test project and document test cases using this tool. With Test-Link you can create an account for multiple users and assign different user roles. Admin user can manage test cases assignment task.

It supports both automated and manual execution of Test cases. The testers can generate Test Plan and Test Report in a fraction of the time with this tool. It supports test reports in various formats like Excel, MS word, and HTML formats. Apart from these, it also supports integration with many popular Defect tracking system like JIRA, MANTIS, BUGZILLA, TRAC, etc. Since it is a web based tool, multiple users can access its functionality at the same time with their credentials and assigned roles.

Advantages of TestLink

It supports multiple projects
Easy export and import of test cases
Easy to integrate with many defect management tools
Automated test cases execution through XML-RPC
Easy filtration of test cases with version, keywords, test case ID, and version
Easy to assign test cases to multiple users
Easy to generate test plan and test reports in various formats
Provide credentials to multiple users and assign roles to them

Steps Followed

Following are the steps for generating test-cases in Test-link software

- Followed by creating Test Suite
- Linking the test cases
- Executing the test cases
- Creating the versions associated with the test cases
- Notifying the users through email of the added or removed test case in the specified version
- Documentation

TestLink 1.9.20 [DEV] x +

localhost:81/testlink/index.php

user [admin]

Name * demo 1

Prefix (used for Test case ID) *

Project description

Enhanced features

Issue Tracker Integration

Code Tracker Integration

Availability

Create Cancel

* Mandatory fields

TestLink 1.9.20 [DEV] x +

localhost:81/testlink/index.php

user [admin]

Test Project demo 1

Navigator - Requirement Specifications

Settings

Update tree after every operation

Filters

Document ID

Title

Status

Requirement Type

Req. Spec. Type

Expected no. of testcases

Has relation of type

Test Case ID

Apply Reset Filters Advanced Filters

Expand tree Collapse tree

demo 1 (0)

Create Requirements Specification Test Project : demo 1

Save Cancel

Document ID

REQ1

Title

Registration

Scope

Normal

Registration Functionality

body p

Type User Requirement Specification

Save Cancel

TestLink 1.9.20 [DEV] | localhost:81/testlink/index.php | user [admin] | Test Project [demo.1]

Navigator - Requirement Specifications

Settings: Update tree after every operation ☒

Filters:

Document ID	
Title	
Status	[Any]
Requirement Type	[Any]
Req. Spec. Type	[Any]
Expected no. of testcases	
Has relation of type	[Any]
Test Case ID	So-

Apply | Reset Filters | Advanced Filters

Expand tree | Collapse tree

- demo 1 (0)
 - REQ1-Registration (0)

Req. Spec. : [REQ1] :: Registration

Requirement Specification Operations: Create | Edit | Delete | Import | Export | Freeze all Requirements | Create a new revision | Print view

Requirement Operations: Create | Import | Export | Create From Issues (XML)

Req. Spec. 1 [REQ1] :: Registration

Revision : 1

Type : User Requirement Specification

Scope

Registration Functionality

Created on 09/14/2021 15:38:29 by user

Attached files:

File

Choose File | No file chosen

Title/name: | Upload file

TestLink 1.9.20 [DEV] | localhost:81/testlink/index.php | user [admin] | Test Project [demo.1]

Navigator - Requirement Specifications

Settings: Update tree after every operation ☒

Filters:

Document ID	
Title	
Status	[Any]
Requirement Type	[Any]
Req. Spec. Type	[Any]
Expected no. of testcases	
Has relation of type	[Any]
Test Case ID	So-

Apply | Reset Filters | Advanced Filters

Expand tree | Collapse tree

- demo 1 (0)
 - REQ1-Registration (0)

Req. Spec. : Registration - Create Requirement

Save | Cancel

☐ check to create another requirement after saving

Document ID: req 1

Title: Login

Scope

Source

Normal

body p

Status: Draft

Type: Feature

Number of test cases needed: 1

Save | Cancel

TestLink 1.9.20 [DEV] | localhost:81/testlink/index.php | user [admin] | Test Project [demo.1]

Navigator - Requirement Specifications

Settings: Update tree after every operation ☒

Filters: Document ID, Title, Status, Requirement Type, Req. Spec. Type, Expected no. of testcases, Has relation of type, Test Case ID

Expand tree Collapse tree

- demo 1 (1)
 - REQ1-Registration (1)
 - req 1:Login

Req. Spec. : Registration - Create Requirement

Duplicated req name Login

Save Cancel

☐ check to create another requirement after saving

Document ID: req 2

Title: Login with passcode

Scope: Login with 4 digit passcode

body p

Status: Draft

Type: Feature

Number of test cases needed: 1

Save Cancel

TestLink 1.9.20 [DEV] | localhost:81/testlink/index.php | user [admin] | Test Project [demo.1]

Navigator - Requirement Specifications

Settings: Update tree after every operation ☒

Filters: Document ID, Title, Status, Requirement Type, Req. Spec. Type, Expected no. of testcases, Has relation of type, Test Case ID

Expand tree Collapse tree

- demo 1 (2)
 - REQ1-Registration (2)
 - req 1:Login
 - req 2:Login with passcode

Req. : req 1 (version 1 revision 1) : Login - Edit Requirement

Save Cancel

Document ID: req 1

Title: Login with password

Scope: Login with password and user

Status: Draft

Type: Feature

Number of test cases needed: 1

Save Cancel

TestLink 1.9.20 [DEV] x +

localhost:81/testlink/index.php

Apps Gmail YouTube Maps

TestLink user [admin]

Test Project: demo 1

Navigator - Requirement Specifications

Settings: Update tree after every operation

Filters: Document ID, Title, Status, Requirement Type, Req. Spec. Type, Expected no. of testcases, Has relation of type, Test Case ID

Expand tree Collapse tree

demo 1 (2)

- REQ1:Registration (2)
 - req 1:Login with password
 - req 2:Login with passcode

TestLink 1.9.20 [DEV] x +

localhost:81/testlink/index.php

Apps Gmail YouTube Maps

TestLink user [admin]

Test Project: demo 1

Requirement Overview - Number of Requirements: 2

Generated by TestLink on 09/14/2021 15:45:05

Show all versions of each requirement

Requirements

Expand/Collapse Groups Show all Columns Reset to Default State Refresh Reset Filters MultiSort

Title	Version	Created	Last modified	Frozen	Coverage	Type	Status	# Related Req.
Req. Spec: Registration (2 Items)								
req 1 : Login with password	[v1r2]	09/14/2021 15:42:04 (user)	09/14/2021 21:09:55 ()	No	0% (0/1)	Feature	Draft	0
req 2 : Login with passcode	[v1r1]	09/14/2021 15:41:27 (user)	09/14/2021 21:11:27 ()	No	0% (0/1)	Feature	Draft	0

This Overview shows all requirements (last or all versions) and all the related attributes. In addition all defined custom fields for requirements will be shown in a separate column.

Coverage:
A value of e.g. "40% (8/20)" means that 20 Test Cases have to be created for this Requirement to test it completely. 8 of those have already been created and linked to this Requirement, which makes a coverage of 40 percent.

TestLink 1.9.20 [DEV] x +

localhost:81/testlink/index.php

Apps Gmail YouTube Maps

TestLink user [admin]

Test Project [demo 1]

Requirement Specification Report - document options

Show as: **HTML**

Modify options for required structure of document.
Select the top line in tree menu for all or a specific element to generate a document content.

- demo 1 (2)
 - REQ1:Registration (2)

1. REQ1 : Registration

req 1 : Login with password
req 2 : Login with passcode

1. Requirements Spec.: REQ1 : Registration

Version:	1
Author:	user
Type:	User Requirement Specification
Total count of requirements / Coverage:	N/A (2/0)

Registration Functionality

Requirement: req 1 : Login with password

Version:	1
Requirement:	2
Author:	user
Status:	Draft
Type:	Feature
Coverage:	0% (0/1)

Login with password and user

Requirement: req 2 : Login with passcode

Version:	1
Requirement:	1
Author:	user
Status:	Draft
Type:	Feature
Coverage:	0% (0/1)

Login with 4 digit passcode

javascript:TPROJECT_PRS(4)

TestLink 1.9.20 [DEV] x +

localhost:81/testlink/index.php

Apps Gmail YouTube Maps

TestLink user [admin]

Test Project [demo 1]

Test Project demo 1

Search Requirements

Req. Doc. ID:

Version:

Title:

Scope:

Status:

Type:

Expected no. of testcases:

Has relation of type:

Creation Date From:

Creation Date To:

Modification Date From:

Modification Date To:

Test Case ID:

Log message:

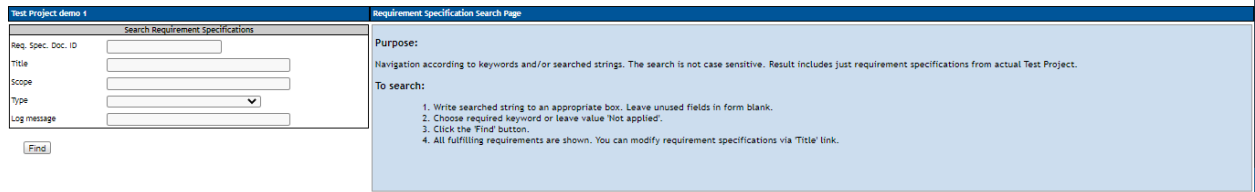
Find

Requirement Search Page

Purpose:
Navigation according to keywords and/or searched strings. The search is not case sensitive. Result includes just requirements from actual Test Project.

To search:

1. Write searched string to an appropriate box. Leave unused fields in form blank.
2. Choose required keyword or leave value 'Not applied'.
3. Click the 'Find' button.
4. All fulfilling requirements are shown. You can modify requirements via 'Title' link.



localhost:81/testlink/index.php

Apps Gmail YouTube Maps

TestLink user [admin]

Reading list

Test Project demo.1

Navigator - Test Specification

Settings

Update tree after every operation

Filters

Test Case ID

Test Case Title

Test Suite

Platforms

Status

Importance

Execution type

Apply Reset Filters

Expand tree Collapse tree

demo 1 (0)

Registration Test Suite (0)

Test Project - demo 1

Create Test Suite

Test Suite created

Save Cancel

Test Suite Name

Login Test Suite

Details

Source

Normal

This test suite is for login

body p

Keywords

Available Keywords

Assigned Keywords

Save Cancel

localhost:81/testlink/index.php

TestLink user [admin]

Test Project [demo.1]

Navigator - Test Specification

Settings

Update tree after every operation ☒

Filters

Test Case ID

Test Case Title

Test Suite

Platforms

Status

Importance

Execution type

Apply Reset Filters

Expand tree Collapse tree

demo 1 (0)

Registration Test Suite (0)

Login Test Suite (0)

Test Suite : Registration Test Suite - Create Test Case

Create Cancel ☐ check to create another test case after saving

Test Case Title

Sample test case 1

Preconditions

Source

Normal

This is sample test case 1 for Registration suite

body p

Summary

Source

Format

localhost:81/testlink/index.php

TestLink user [admin]

Test Project [demo.1]

Navigator - Test Specification

Settings

Update tree after every operation ☒

Filters

Test Case ID

Test Case Title

Test Suite

Platforms

Status

Importance

Execution type

Apply Reset Filters

Expand tree Collapse tree

demo 1 (1)

Registration Test Suite (1)

Login Test Suite (0)

Test Suite : Registration Test Suite - Create Test Case

Create Cancel ☒ check to create another test case after saving

Test Case Title

Sample test case 2

Preconditions

Source

Normal

This is sample test case 2 for registration suite

body p

Summary

Source

Format

localhost:81/testlink/index.php

TestLink user [admin]

Test Project [demo.1]

Navigator - Test Specification

Settings: Update tree after every operation ☒

Filters:

Test Case ID:

Test Case Title:

Test Suite:

Platforms:

Status:

Importance:

Execution type:

[Apply](#) [Reset Filters](#)

[Expand tree](#) [Collapse tree](#)

- demo 1 (4)
 - Registration Test Suite (2)
 - Login Test Suite (2)

Test Suite: Registration Test Suite

Move/Copy Test Cases

2 test cases has been copied

Choose a target:

☐ Copy Keywords

☐ Copy Requirement Assignments

Show: 25 entries

Test Case	Summary	Status	Importance	Execution type
<input checked="" type="checkbox"/> to-1 : Sample test case 1		Draft	medium	manual
<input checked="" type="checkbox"/> to-2 : Sample test case 2		Draft	medium	manual

Showing 1 to 2 of 2 entries

[Previous](#) [Next](#)

[Move](#) [Copy](#) [Copy \(ghost steps\)](#)

localhost:81/testlink/index.php

TestLink user [admin]

Test Project [demo.1]

Navigator - Requirement Specifications

Settings: Update tree after every operation ☒

Filters:

Document ID:

Title:

Status:

Requirement type:

Req. Spec. Type:

Expected no. of testcases:

Has relation of type:

Test Case ID:

[Apply](#) [Reset Filters](#) [Advanced Filters](#)

[Expand tree](#) [Collapse tree](#)

- demo 1 (2)
 - REQ1-Registration (2)
 - req 1:Login with password
 - req 2:Login with passcode

Requirement: Login with password

req 1: Login with password

Version 1 revision 2

Status: Draft

Type: Feature

Number of test cases needed: 1

Scope

Login with password and user

Coverage

- to-1 : Sample test case 1 (Version 1)
- to-2 : Sample test case 2 (Version 1)

[Save](#)

Created on 09/14/2021 15:42:04 by user

Relations

New relation: Current requirement related to [Add](#)

Monitors

Loading...

Showing 0 to 0 of 0 entries

Attached files:

File

[Choose File](#) No file chosen

Title/Name: Upload file

TestLink - Google Chrome

localhost:81/testlink/lib/requirements/reqTcAssign.php?edit=testcase&showCloseButton=1&callback=a&id=17

Assigned Requirements

Available Requirements

Document ID	Requirement	Scope
<input checked="" type="checkbox"/> req 1	Login with password [v1]	Login with password and user
<input type="checkbox"/> req 2	Login with passcode [v1]	Login with 4 digit passcode

Assign

Close

Status:

Select Some Options

Importance:

Select Some Options

Execution type:

[Any]

Apply Reset Filters

Expand tree Collapse tree

demo 1 (4)

- Registration Test Suite (2)
- Login Test Suite (2)
 - tc-3 Sample test case 1
 - tc-4 Sample test case 2

Create step

Status:

Draft

 Importance:

Medium

Estimated exec. (min): Save

Keywords

None

Platforms: None

Requirements

None

Relations

New relation: This test case version

is related to

PREFIX-ID

 Add

TQA PRAC 3 - Google Docs

Test Project

demo.1

localhost:81/testlink/index.php

user [admin]

Test Project: tc-demo 1

Navigator - Test Specification

Settings

Update tree after every operation ☒

Filters

Test Case ID: tc-

Test Case Title:

Test Suite: Select an Option

Platforms: Select Some Options

Status: Select Some Options

Importance: Select Some Options

Execution type: [Any]

Apply Reset Filters

Expand tree Collapse tree

demo 1 (4)

- Registration Test Suite (2)
 - tc-1: Sample test case 1
 - tc-2: Sample test case 2
- Login Test Suite (2)
 - tc-3: Sample test case 1
 - tc-4: Sample test case 2

Create Step - Test Case: tc-1: Sample test case 1 - Version: 1

tc-1: Sample test case 1 - Version: 1

Preconditions

This is sample test case 1 for Registration suite

Summary

Save Save & exit Cancel

#	Step actions	Expected Results
1	Step 1: Enter Username and Password Step 2: Click 'Register'	give error message if username already exist else register user

body p

body p

Save Save & exit Cancel

localhost:81/testlink/index.php

user [admin]

Test Project: tc-demo 1

Navigator - Test Specification

Settings

Update tree after every operation ☒

Filters

Test Case ID: tc-

Test Case Title:

Test Suite: Select an Option

Platforms: Select Some Options

Status: Select Some Options

Importance: Select Some Options

Execution type: [Any]

Apply Reset Filters

Expand tree Collapse tree

demo 1 (4)

- Registration Test Suite (2)
 - tc-1: Sample test case 1
 - tc-2: Sample test case 2
- Login Test Suite (2)
 - tc-3: Sample test case 1
 - tc-4: Sample test case 2

Create Step - Test Case: tc-1: Sample test case 1 - Version: 1

Step number: 1 created

tc-1: Sample test case 1 - Version: 1

Preconditions

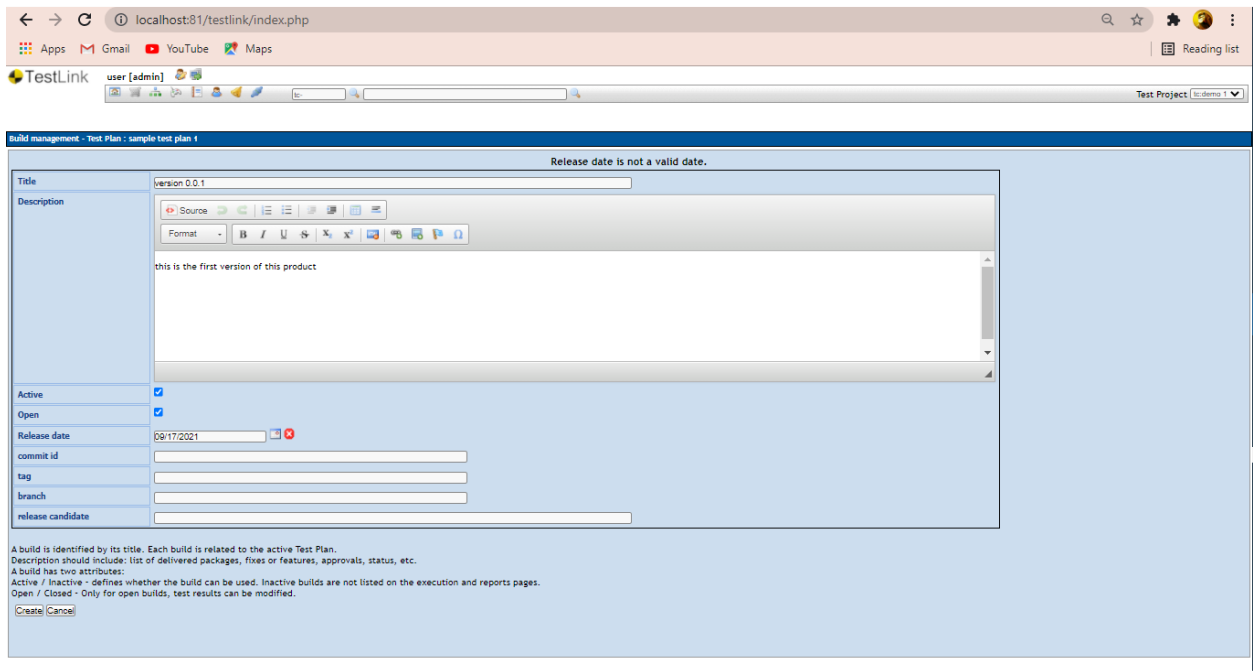
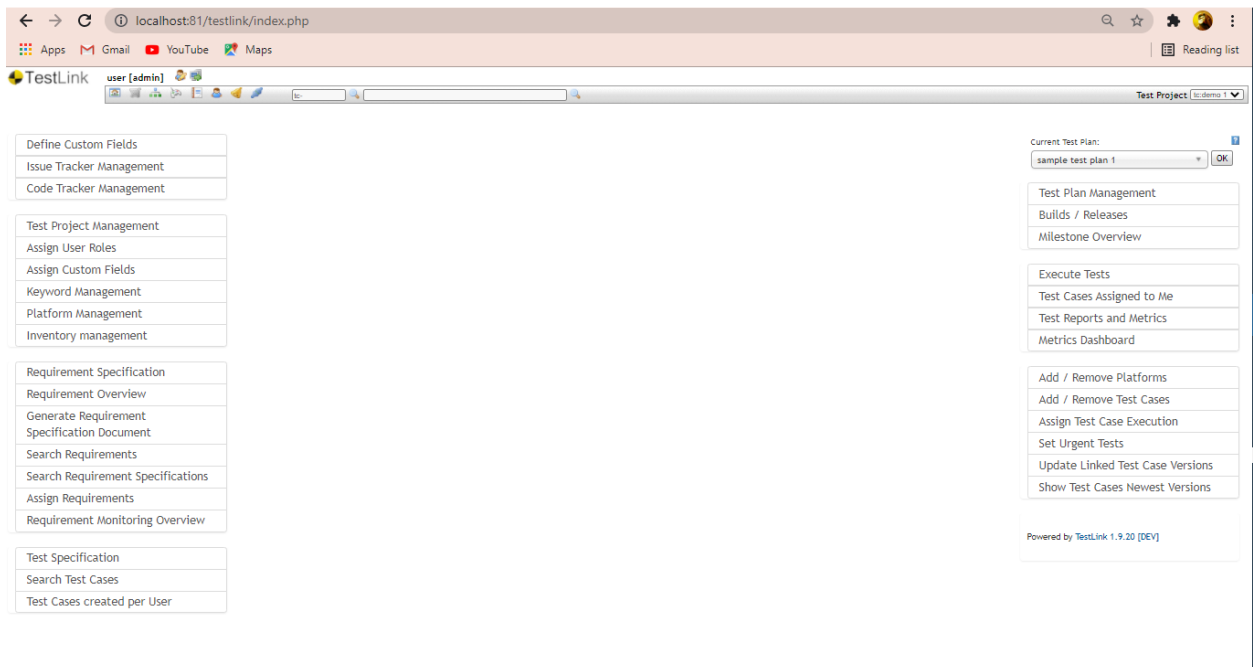
This is sample test case 1 for Registration suite

Summary

Save Save & exit Cancel

#	Step actions	Expected Results
1	Step 1: Enter Username and Password Step 2: Click 'Register'	give error message if username already exist else register user
2		

Save Save & exit Cancel



localhost:81/testlink/index.php

TestLink user [admin]

Test Project [demo.1]

Add/Remove Test Cases

Settings

Test Plan: sample test plan 1

Tests Grouped by: Test Suite

Update tree after every operation: ☒

Filters

Test Case ID:

Test Case Title:

Test Suite: Select an Option

Platforms: Select Some Options

Status: [Any]

Importance: [Any]

Execution type: [Any]

[Apply](#) [Reset Filters](#) [Advanced Filters](#)

Expand tree

demo 1

- Registration Test Suite (2)
- Login Test Suite (2)

Test Plan: sample test plan 1 - Add Test Cases to Test Plan [F]

Assign to user on add: on build: version 0.0.1 ☐ Send mail notification to tester

Check/uncheck all Test cases for:

Text cases with Latest Version with status with one of these values (Obsolete,Future) will not be displayed in this screen

Registration Test Suite

<input checked="" type="checkbox"/>	Test Case	Version	Status	Importance	
<input checked="" type="checkbox"/>	tc-1 : Sample test case 1	1	Draft	Medium	10000
<input checked="" type="checkbox"/>	tc-2 : Sample test case 2	1	Draft	Medium	10010

localhost:81/testlink/index.php

TestLink user [admin]

Test Project [demo.1]

Test Plan Management - Test Project demo 1

Show 20 entries

Search:

Name	Description	Test Case #	Build #	Active	Public
sample test plan 1	this is sample test plan 1	2	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Showing 1 to 1 of 1 entries

[Create](#)

Previous 1 Next

localhost:81/testlink/index.php

user [admin]

Test Project [demo.1]

App) Reset Filters Advanced Filters

Expand tree Collapse tree

- demo 1 / sample test plan 1 (2/2, 0, 0, 0)
- Registration Test Suite (2/2, 0, 0, 0)
 - tc-1: Sample test case 1
 - tc-2: Sample test case 2

Not Tested Yet

Test Case tc-1 :: Version: 1 :: Sample test case 1

Estimated exec. duration (min) :
Execution type : Manual

Assigned to : user

Preconditions
This is sample test case 1 for Registration suite

Summary

#	Step actions	Expected Results	Execution notes	Execution Status
1	Step 1: Enter Username and Password Step 2: Click Register	give error message if username already exist else register user		Passed Failed Blocked

File No file chosen

Choose Files

ATTENTION: When saving Steps Work In Progress Execution, Attachments will not be saved

Save Steps Work In Progress Execution

localhost:81/testlink/index.php

user [admin]

Test Project [demo.1]

Platform Management

Platform	Description	On Design	On Execution	delete
Chrome				
IE				
Linux				
Windows				

Create Export Import