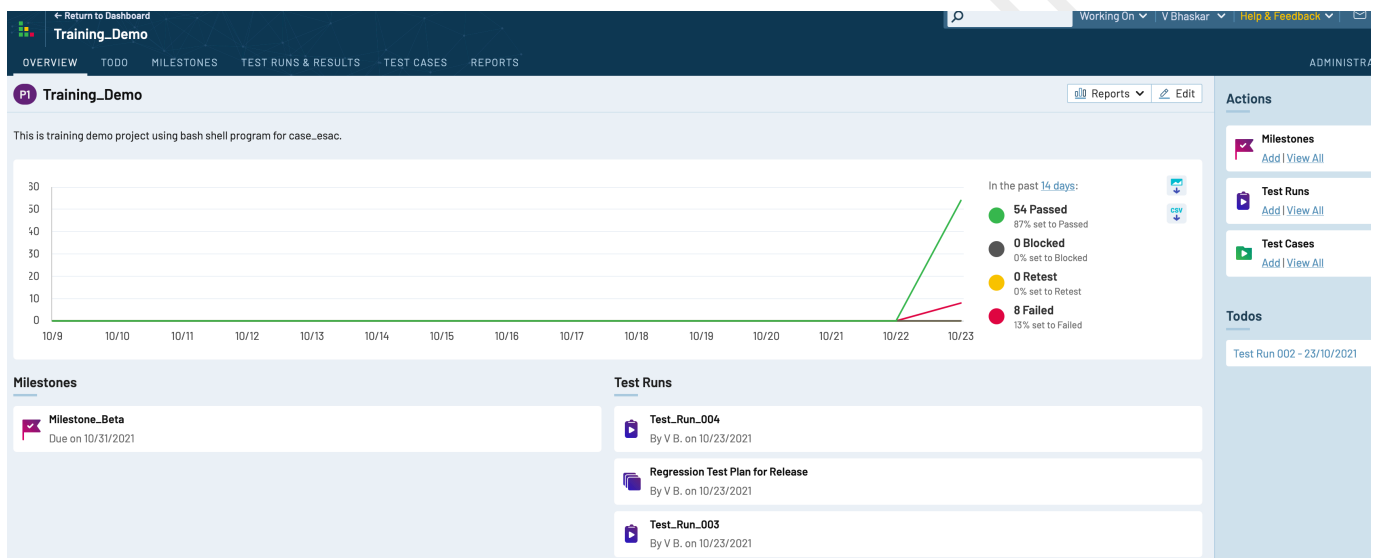


TestRails : web-based test case management tool

TestRail is a web-based test case management tool. It is used by testers, developers and team leads to manage, track, and organize software testing efforts. TestRail allows team members to enter test cases, organize test suites, execute test runs, and track their results, all from a easy to use web interface.

1. Manage test cases, suites and test runs
2. Boost testing productivity
3. Real-time insights into your testing progress
4. Test management at scale

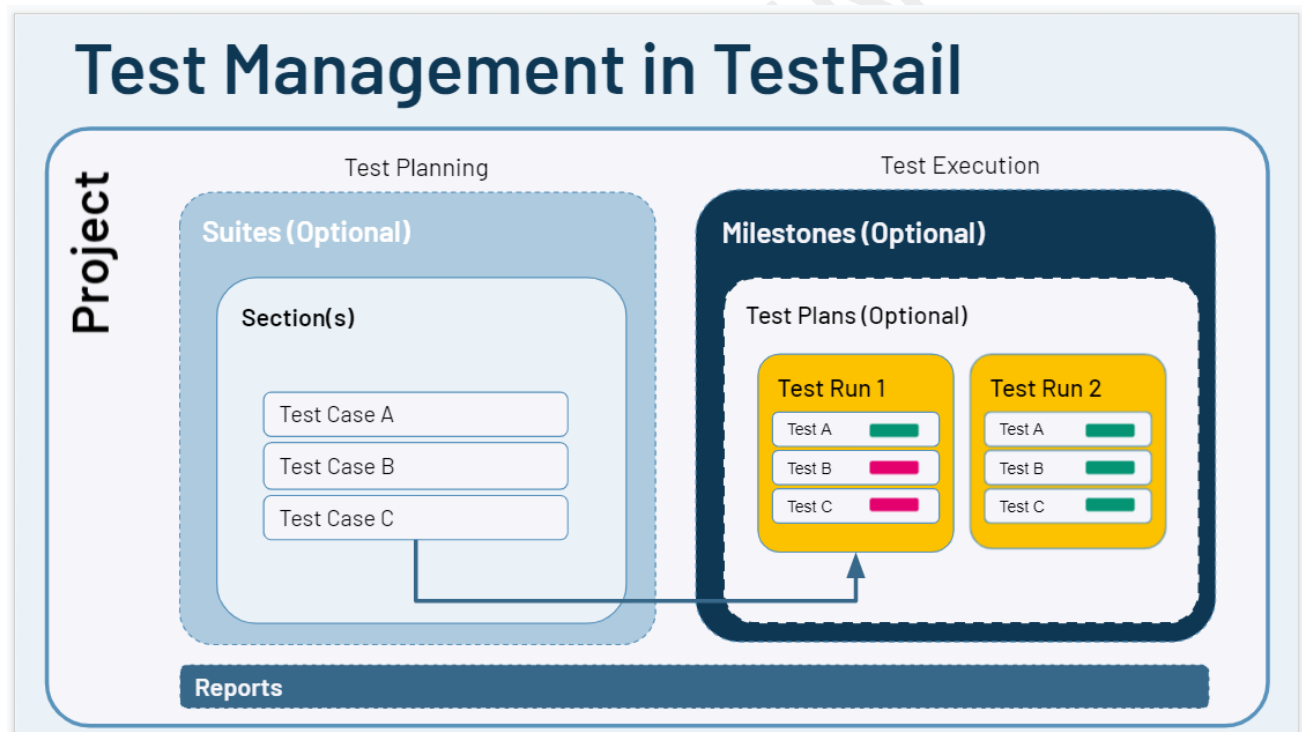
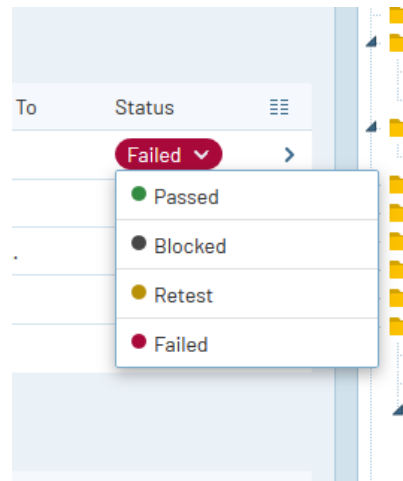


Features:

- Dashboard
- Testcases and Sections
- Test runs and Tests
- Products and their types
- Milestones
- Test plans and configurations
- Todos and notifications
- Tracking progress and activity

Trial license is for 14 days.

Every testcase will have 5 test statuses as shown below:




Enable API Access in TestRails:

1. Administration -> Site Settings -> API Tab
2. Enable API – select it
3. Enable session authentication for API – select it
4. Save Settings – click it

Steps to create test cases, test plan and jenkins integration:


1. TEST CASES – Add tests for case_esac.sh program (6) under Positive and Negative sections.
2. TEST RUNS and RESULTS – Create a test run and select all of above tests for run
3. Provide PROJECT_NAME and RUN_NAME in build params of Jenkins job
4. Write a python script to update test results from jenkins run to the TEST RUN in Testrails.
 - a. Decomentation: <https://www.gurock.com/testrail/docs/api>
 - b. Push the code to your github repo
5. Execute Jenkins job

 **Training_Demo**







OVERVIEW | TODO | MILESTONES | TEST RUNS & RESULTS | **TEST CASES** | REPORTS

Test Cases


Sort: [Section](#) | Filter: [None](#)

Positive Tests 4 





This section contains all positive cases for case esac program

	 ID	Title
	C1	Execute 03_case_esac.sh with 'git' as input
	C3	Execute 03_case_esac.sh with 'jira' as input
	C5	Execute 03_case_esac.sh with 'jenkins' as input
	C6	Execute 03_case_esac.sh with 'sonarqube' as input


[Add Case](#) | [Add Subsection](#)

Negative Tests 2 




This section contains all negative cases for case esac progeam

	 ID	Title
	C2	Execute 03_case_esac.sh with 'java' as input
	C4	Execute 03_case_esac.sh with no input

[Add Case](#) | [Add Subsection](#)

Low_Priority 1 

These are low priority tests

	 ID	Title
	C8	Execute 03_case_esac.sh with bash -n option to verify syntax

[Add Case](#) | [Add Subsection](#)