

Test case management tools

Problem Statement


To choose test management tool for Sentryc which could handle following requirement for the testing and development team.

- Manage test cases (add, edit, delete).
- Reporting facility.
- Produce test runs against existing test case.
- Produce report based on automated tests cases.
- Integrate with issue management tool. (shortcut)
- Integrate with CI & CD tool for report generation.
- Easy to use by all stakeholders.

Solution Description

There are wide variety of tools available on the market for test case management. Following are the popular tools taken for comparison.

Required Feature comparison

Requirement	Test rail	Testmo	tuskr	TestLodge
Test case management (add, edit , delete)				
Reports				
Integration with shortcut		 partially possible with links based on pattern https://docs.testmo.com/integrations/issue-trackers/shortcut		
Integration with CI and CD				
Integration with playwright	not documented	It's possible to report	quite complicated	not documented
Demo link	https://sentryc.testrail.com/	https://sentryc.testmo.net/	https://tuskr.live/test-case	https://app.testlodge.com/a/34288
Usability	less intuitive	intuitive	intuitive	less intuitive
Cost per Minimum 500 test plans Minimum 3000 test cases Minimum 5 users	170\$ per month (5 users) https://www.gurock.com/testrail/pricing/	99\$ per month (10 users) https://www.testmo.com/pricing	45 \$ per month (5 users) https://tuskr.app/pricing	139\$ per month https://www.testlodge.com/pricing

Summary

All though all the tools mentioned above are quite competitive and have all most all the required features. There are certain subtle features which could make our selection standout. As far our analysis **Testmo** would be more appropriate as it's quite intuitive , easy usability , seamless integration with CI and CD tools. Cost wise also Testmo offers quite reasonable price.

Expected Costs

Testmo costs 99\$ per month for 10 users license and offers full-featured test case management, exploratory testing & automation. More details about pricing can be found here <https://www.testmo.com/pricing>