3 Pillars of Agile Testing Assessment, v4

Team: X   **Date:** April 1, 2016

Scoring: 0 - Never, 1 - Rarely 2 - Occasionally, 3 - Often, 4 - Very Often, 5 - Always

Area / Question	Score	Target	Comments
Development and Test Automation Pillar			
Pyramid -based test automation infrastructure is in place and automated tests are being created at the unit, integration and UI levels.	3.0	4.0	
Continuous Integration/Deployment infrastructure is in place and ALL automated tests run as part of your CI/CD processes. You also couple your CI/CD infrastructure to your DevOps environments and to your Automation Architecture.	5.0	4.0	
Test automation-centric Technical Debt is being actively scheduled and reduced. This would be at a pyramid-level basis and also include automation infrastructure.	3.0	4.0	
Actively practicing ATDD, BDD and letting "Acceptance Tests" guide your feature development. You started this effort with "manual" User Story writing and acceptance test execution, so that you have the basics down.	0.0	4.0	
Visual feedback radiators (dashboards, lights, alarms, Lava Lamps, etc.) are setup to view build and test runs. Developers and Testers monitor these radiators and take immediate action when builds or tests fail.	0.0	4.0	
Total Automation Score	**44%**	**80%**	
Software Testing Pillar			
Test planning occurs at the Release and Sprint planning levels. If you're using a Release Train, you've coupled test planning to Release Train - PSI Planning events.	3.0	4.0	
Risk based testing is utilized to reduce scope of testing work and clearly indicates what the tester IS and IS NOT testing in the Sprint. Testing FOCUS changes day-to-day and Sprint-to-Sprint.	4.0	4.0	
Exploratory Testing sessions (SBET, preferably paired) are a regular part of your Sprint & Release tempos. Charters are actively kept up-to-date, De-briefs are held, and pairing is leveraged. It's a Whole Team activity.	0.0	4.0	
As a tester you have consistent standards, templates and checklists that are used across every team. You have a repository that makes ALL artifacts transparent. And your development colleagues can openly contribute to all of this.	3.0	4.0	
Testng is balanced across manual, exploratory and automated testing; including functional and non-functional tests, with each team determining the effective ratio across approaches.	3.0	4.0	
Total Testing Score	**52%**	**80%**	
Cross Functional Team Pillar			
Team based pairings are a natural part of everyday collaboration between Testers, Developers, and PO. In other words, active 3-Amigos discussions are continuous.	3.0	4.0	
When the build or test run fails, appropriate team members drop what they are working on and fix the issues. Stopping-the-Line behavior is clearly exhibited whenever and wherever appropriate.	1.0	4.0	
Code reviews occur for everything (application code, automation, scripts) that are checked in by developers or testers. It's a strong part of the culture and Definition-of-Done.	3.0	4.0	
There is a multi-tiered Definition-of-Done in place: team member work product-level, User Story-level, Sprint-level, and Release-level. AND teams adhere to the DoD. It also comes into play in story estimation.	2.0	4.0	
Testers are part of grooming, design, and any requirement meeting when there is a developer and PO involved in the conversation. And they are active contributors.	4.0	4.0	
Total Cross Functional Team Score	**52%**	**80%**	
Whole Team Ownership			
Stories are iterated through the sprint with multiple development-testing cycles (e.g. the sprint is not a waterfall OR no Scrummerfall allowed). Swarming occurs naturally and often.	2.0	4.0	

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Area / Question	Score	Target	Comments
Analysts/developers and testers collaborate on building test plans. More than that, the entire team contributes to iterative testing strategies towards Release Goals.	3.0	4.0	
Entire team is aware of, talks about and communicates Technical Debt and Technical Test Debt. They also actively "manage" it via work in the Product Backlog.	3.0	4.0	
The team owns the responsibility for requirements and everything that ensues from them — code, testing, functionality, satisfaction levels, etc. There is also continuous customer engagement.	3.0	4.0	
When automated tests fail, any person on the team takes the initiative to fix the failed test, not just the "testers" on the team. If ANY team member has the technical ability, they feel like they can create / maintain ANY automated test.	2.0	4.0	
Total Team Ownership Score	**52%**	**80%**	
Test Leadership			
Managers are routinely involved in improving test practice and implementing best practices, not by pushing, but by influence and engagement with the team. Being "pulled" into helping guide improvements.	4.0	4.0	
Managers are routinely part of the Release-level or PSI Planning with their teams. They help guide effective risk and x-team dependency management. They are also part of Sprint/Release go/no go decision-making.	4.0	4.0	
There is a dedicated practice center of excellence that is dedicated to building automation libraries, standardize measures for quality, and perform coaching and mentoring for testing professionals.	4.0	4.0	
A clear Testing Roadmap is established that is published/ presented at least 2x a year. Progress is being steadily and transparently made against the Roadmap.	3.0	4.0	
Test Managers actively participate in steering Agile evolution organizationally and across teams. They naturally partner with their Development colleagues.	3.0	4.0	
Total Leadership Score	**72%**	**80%**	
Total Project Team Score	**54%**	**80%**	
Radar Chart Data			
Development and Test Automation Pillar	**44%**	**80%**	
Software Testing Pillar	**52%**	**80%**	
Cross Functional Team Pillar	**52%**	**80%**	
Whole Team Ownership	**52%**	**80%**	
Test Leadership	**72%**	**80%**	