

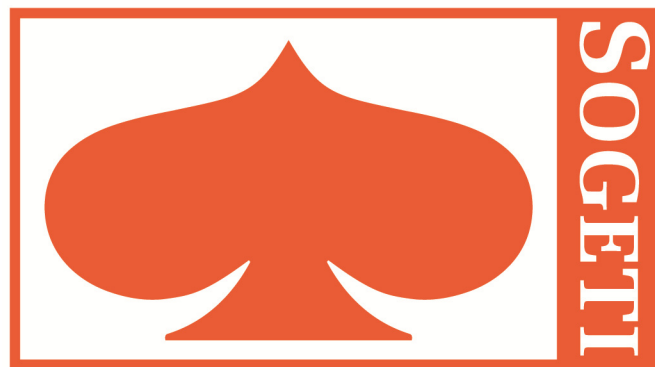
TMAP NEXT IN SCRUM

Effective testing in Agile projects

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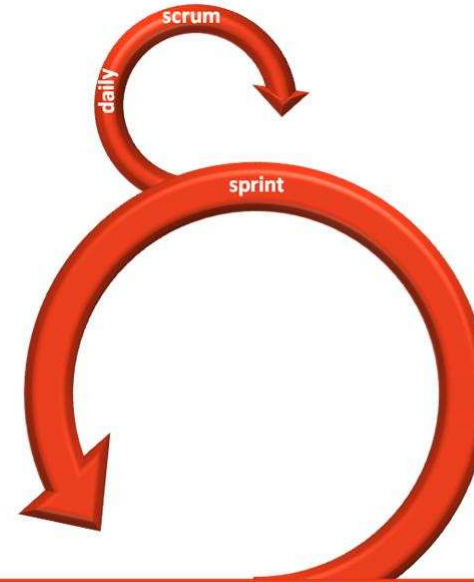


T M A P

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sprint 0 **project planning** **sprint planning** **review** **retrospective**

Formulation of DoD (and/or DoR, DoS)	Determine product risk of each backlog item and record it on the (story) card (input for planning poker, assigning story points)	Determine test strategy (test intensity and test design technique) for each backlog item	Execute tasks (create and execute test cases)	Perform product demo (acceptance by product owner)	Evaluate process (retain the good points and improve the poorer ones)
Make agreements about the inclusion of which test levels to include in the sprint (include in DoD)	Evaluate backlog items and communicate obscurities with product owner	Place rows from the test strategy table as tasks on the scrum board (input for estimation of time)	Communicate defects and register if required		
Determine high-level product risk and project test strategy (input for project planning)	Set up test infrastructure as a technical product backlog item and add to product backlog (optioneel)		Build up regression test set (if included in DoD)		
Make high-level estimation of test effort (input for project planning)			Execute (automated) regression test		
Training for test knowledge and/or test skills			Report progress in daily scrum (update scrum board and burndown charts)		
(Begin to) set up the test infrastructure including tools			Automate test execution (if included in DoD)		
Set up testware management (include in DoD)			Preserve testware (if included in DoD)		