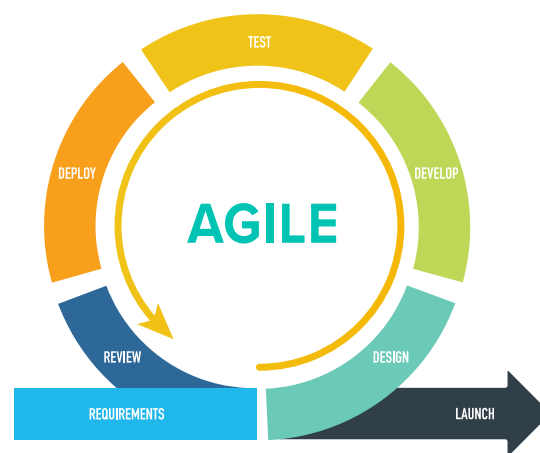
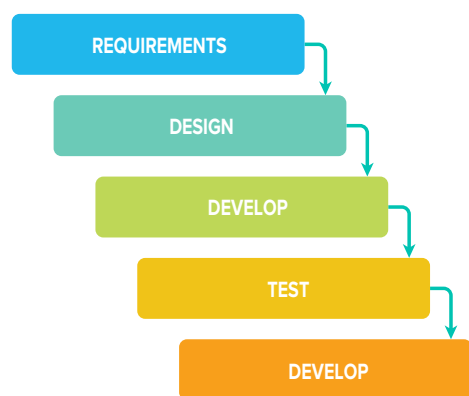


4 Ways to Align Test Automation and Agile Development

Enhance product quality by ensuring automated testing keeps up with rapid development cycles

WATERFALL



Transitioning from Waterfall to Agile requires transforming your approach. It can be difficult for testing to keep pace with shorter cycles, and requiring test automation on the current iteration slows development and time to market. Unfortunately, there is no magic formula to fit test automation into every Agile process, but several factors will help.

1. Translate new app functionality into testing objectives.

The goal of every Agile sprint is to speedily inform, check, and verify new functionality and/or features. Automators must be able to understand these well and respond quickly.

2. Adopt other modern development and testing practices.

Techniques like behavior-driven development and tools like Cucumber and Gherkin can make test automation more efficient by closely coupling functional requirements with testing outcomes.

3. Unify your test automation approach across sprint teams.

Automators should be able to communicate and align practices. Consider using application hardening sprints to bring automators together to share test scripts and reduce redundancies.

4. Promote open communication between testing and operations teams.

Operations can reuse shared insights from test automators to more effectively monitor the application's stability, functionality, and performance in live environments.

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