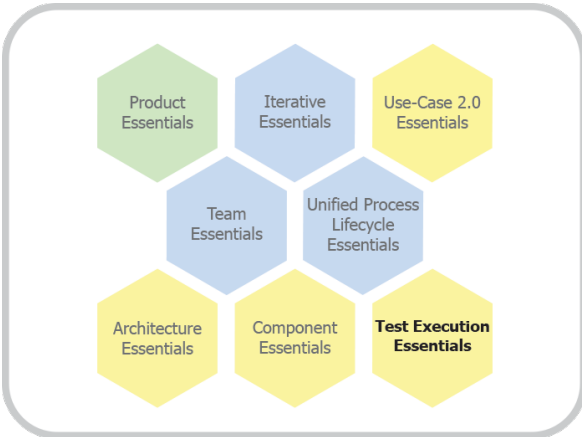


Test Execution Essentials

Part of the IJI Essential Unified Process Practice Pack



The Essential Unified Process (EssUP) focuses on the essentials to provide a pre-built assembly of eight easy-to-use practices that can be mixed and matched and used in different circumstances – all of them compatible with agile values and thinking. Use-case driven, iterative, component-based and architecturally-centric the practices provide an extensible framework for the addition of further practices.

Practice Overview



Test early and regularly to ensure quality of the resulting software system. Use this practice for a structured approach to the testing and quality assurance initiatives of a project and to improve estimating, monitoring and control of the test activities.

This practice allows teams to:

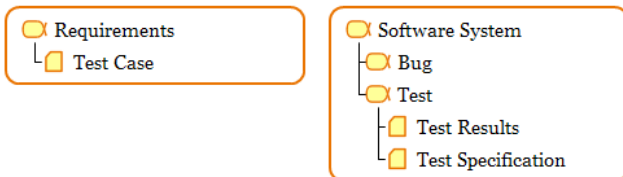
- Identify tests, according to test objectives, that will steer the development of software and verify that the software system performs as specified.
- Build tests that provide the necessary test procedures and instructions.
- Execute tests to verify that the software system meets the evaluation criteria of the tests.

Things to Work With

This practice involves the production of a number of test work products:

- Test specifications that can refer to test cases
- Test results.

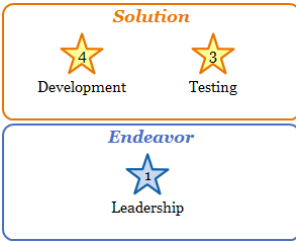
Solution



Creating winning teams.



Key Competencies



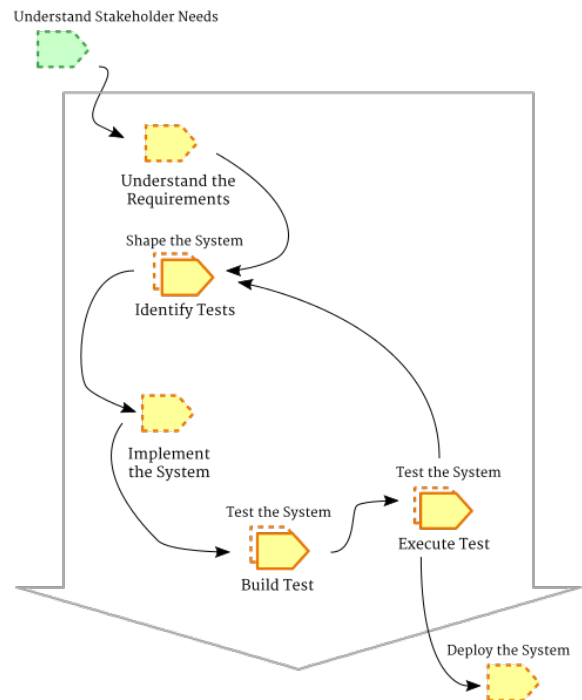
This practice requires the team to be skilled in software testing and development. In addition, some leadership and coaching competencies may be required.

The most important of these are the Testing and Development skills as without these the scope and coverage of testing may be insufficient.

Things to Do

The practice starts by identifying tests to address one or more objectives.

It continues by building and executing the tests, delivering results for analysis. The results contribute to the overall quality measure of the software system; a further analysis outcome is the potential need to refine existing tests and identify new tests.



Creating **winning** teams.