

TEST STRATEGY

What is Test Strategy?

Test Strategy is also known as test approach defines how testing would be carried out. Test approach has two techniques:

- **Proactive** - An approach in which the test design process is initiated as early as possible in order to find and fix the defects before the build is created.
- **Reactive** - An approach in which the testing is not started until after design and coding are completed.

Different Test approaches:

There are many strategies that a project can adopt depending on the context and some of them are:

- Dynamic and heuristic approaches
- Consultative approaches
- Model-based approach that uses statistical information about failure rates.
- Approaches based on risk-based testing where the entire development takes place based on the risk
- Methodical approaches which is based on failures.
- Standard-compliant approach specified by industry-specific standards.

Factors to be considered:

- Risks of product or risk of failure or the environment and the company
- Expertise and experience of the people in the proposed tools and techniques.
- Regulatory and legal aspects, such as external and internal regulations of the development process
- The nature of the product and the domain