



FUNDAMENTALS OF TESTING

Testing is essential for high-quality and reliable software. It involves carefully evaluating code to find defects, check how it works, and ensure a good user experience. By testing the software thoroughly during development, teams can be confident in its performance, security, and strength. Testing is crucial because it helps find and fix problems early, preventing costly errors and unhappy customers. It also lets developers deliver top-notch software that meets user expectations and improves the organization's reputation.

The 7 (Seven) Testing Principles

1. Testing Shows The Presence of Defects
2. Exhaustive Testing is Impossible
3. Early Testing Saves Time and Money
4. Defect Clustering
5. Pesticide Paradox
6. Testing is Context-Dependent
7. Absence-of-Errors Fallacy

Purpose & Objective of Software Testing

Software testing has two main purposes: identifying defects and ensuring that the software meets its intended requirements. The main objective is to validate that the application works as intended, is reliable, and provides a positive user experience. By systematically testing, developers can check the correctness, completeness, and performance of their code. Early defect detection and fixing aim to minimize potential issues for users and enhance the product's overall success. Additionally, testing provides valuable insights into the application's strengths and weaknesses, facilitating continuous improvement and optimization.



BUILDING A STRONG FOUNDATION :

TESTING FUNDAMENTAL

THE ESSENTIAL ELEMENTS OF TEST TECHNIQUE

In software testing, there are several essential techniques used to perform fundamental testing of software. Here are some common testing techniques :

1. White Box Test Technique
2. Black Box Test Technique
3. Experience Based Test Technique

INTERESTED
TO EXPLORE MORE?

NaradaCode, Accredited Training Organization (ATO)
and Consulting Partner for :



White Box Test Technique

White box testing is a kind of software testing that involves looking into the inner workings of the code of an application.



Black Box Test Technique

Black box testing is a software testing technique where the tester examines the behaviour and functionality of a system without any knowledge of its internal structure or implementation details.



Experience Based Test Technique

Experience-based testing is a software testing approach that relies on the knowledge, intuition, and expertise of the testers to design and execute test cases.



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