Read More About Maintenance Testing and Its Techniques

Introduction to Maintenance Testing

Maintenance testing focuses on ensuring that software continues to function correctly after changes, such as updates or bug fixes. This type of testing is crucial for maintaining software quality and performance over time.

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Why Maintenance Testing

Maintenance testing helps in verifying that recent changes have not introduced new defects and that the software remains stable and reliable. It ensures that ongoing modifications do not negatively impact existing functionalities.

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Regression and Retesting

Regression testing ensures that recent changes have not adversely affected existing features, while retesting involves verifying that previously fixed defects are no longer present. Both practices are essential for maintaining software quality.

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Techniques and Challenges

Maintenance testing techniques include regression testing, impact analysis, and continuous testing. Challenges in maintenance testing involve managing test cases for legacy systems and ensuring comprehensive coverage despite frequent changes.

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