

SNS COLLEGE OF TECHNOLOGY

Kurumbapalayam (Po), Coimbatore – 641 035

An Autonomous Institution

Accredited by NAAC – UGC with ‘A++’ Grade

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**COURSE NAME: 23ITO201- Software Testing
(OPEN ELECTIVE)**

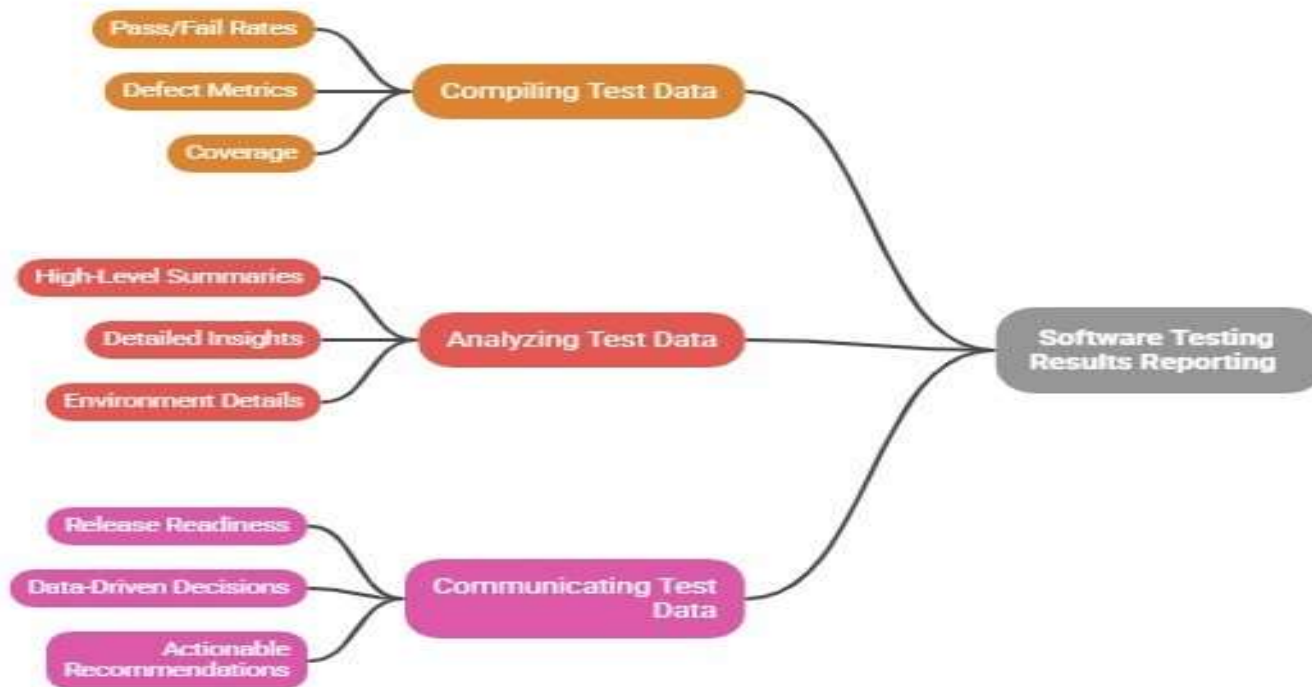
III YEAR / VI SEMESTER

Unit 4 - TEST MANAGEMENT

Topic : Reporting Test Results

Empathy

Software Testing Results Reporting

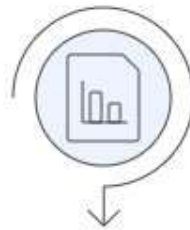


Test Report Components



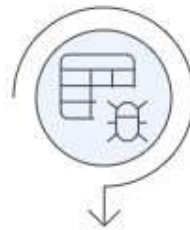
Test Summary

High-level overview of the testing process, goals, and results.



Execution Metrics

Total test cases, number executed, passed, failed, and blocked.



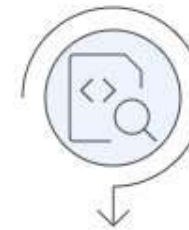
Defect Details

List of bugs found, categorized by severity and priority.



Test Environment

Information on the hardware, software, and network configuration.



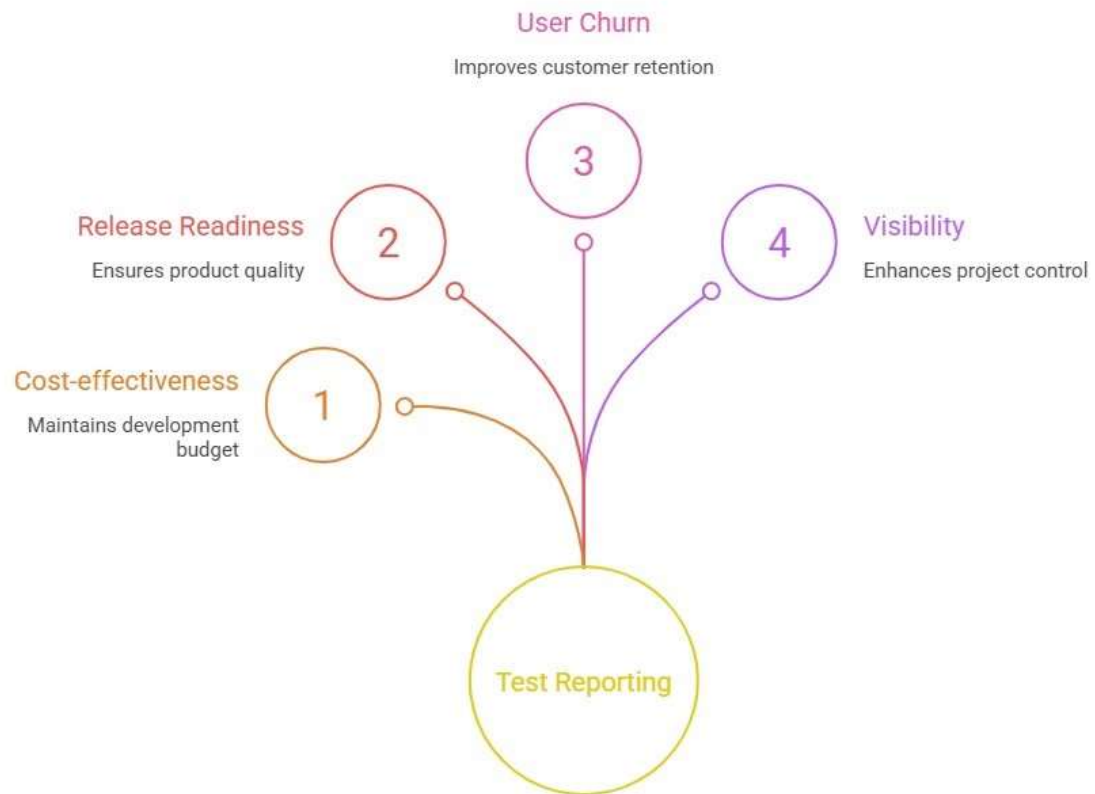
Coverage Analysis

Percentage of requirements or code covered by the tests.

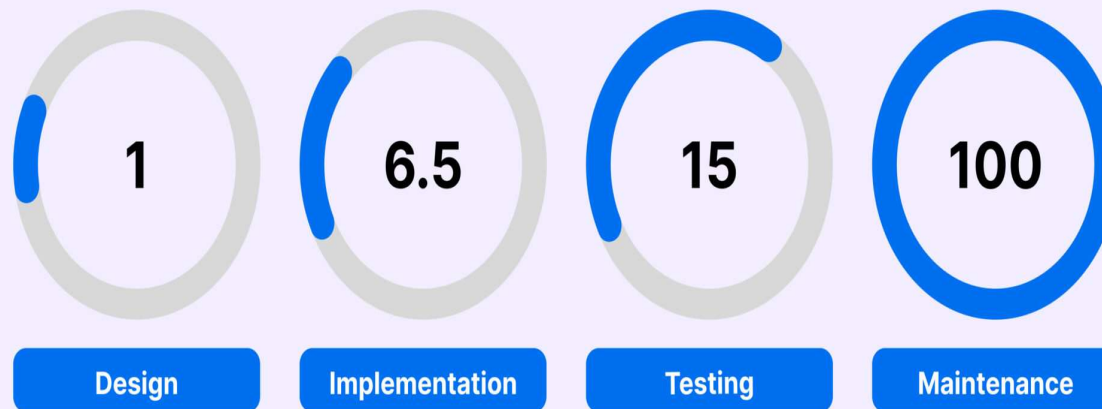
How to effectively report test results?



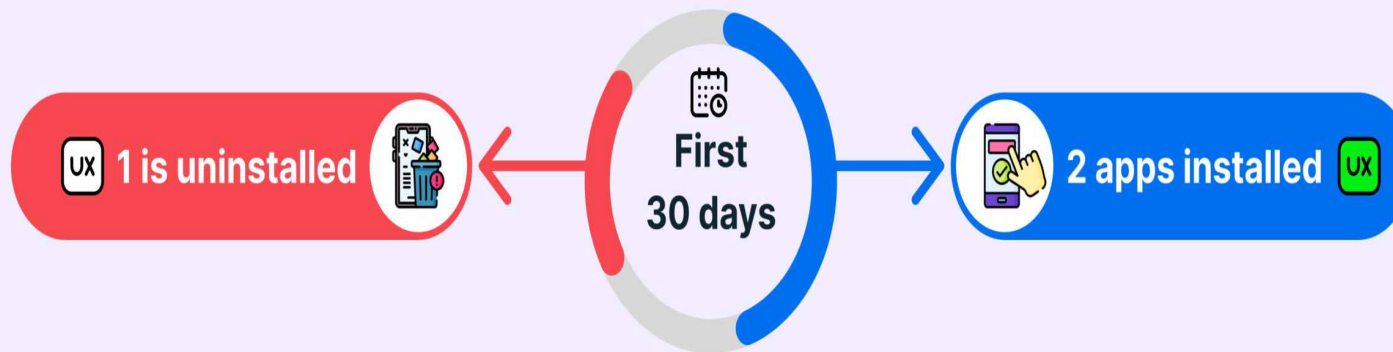
Test Reporting Impacts Software Development



Relative Cost of Fixing Defects



2 apps installed, 1 is uninstalled within the first 30 days due to lack of user experience.



Test Report



TEST OBJECTIVE

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AREAS COVERED

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AREAS NOT COVERED

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TESTING APPROACH

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DEFECT REPORT

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PLATFORM DETAILS

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OVERALL SUMMARY

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Activity

Activity 1: Prepare a Test Summary Report

Objective: Understand how to summarize testing outcomes

Task:

Students are given sample test execution data:

- Total test cases: 50
- Passed: 40
- Failed: 8
- Blocked: 2
- Defects found: 15

Activity:

- Create a **Test Summary Report** including:
 - Objective
 - Test execution status
 - Defect summary
 - Conclusion (Ready for release or not)

Expected Outcome:

Students learn how to structure a professional report.

MCQs on Reporting Test Results

1. What is the main purpose of test reporting?

- A) To write code
- B) To communicate testing outcomes
- C) To fix bugs
- D) To design software

Answer: B) To communicate testing outcomes

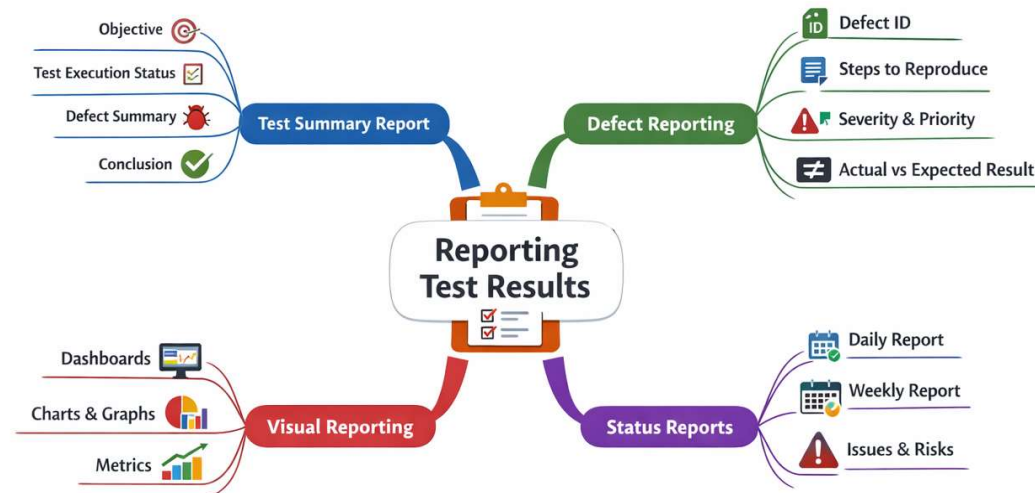
2. Which of the following is included in a test report?

- A) Test summary
- B) Defect details
- C) Test execution status
- D) All of the above

Answer: D) All of the above

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MINDMAP



TEXT BOOKS	
1.	Srinivasan Desikan and Gopaldaswamy Ramesh, —Software Testing – Principles and Practices, Pearson Education, 2006.
REFERENCES	
1.	Ilene Burnstein, —Practical Software Testing, Springer International Edition, 2003
2.	Edward Kit, Software Testing in the Real World – Improving the Process, Pearson Education, 1995
3.	Boris Beizer, Software Testing Techniques – 2nd Edition, Van Nostrand Reinhold, New York, 1990.
4.	Aditya P. Mathur, —Foundations of Software Testing _ Fundamental Algorithms and Techniques, Dorling Kindersley (India) Pvt. Ltd., Pearson Education, 2008.

**THANK
YOU!**

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