Week 2: Interview Questions with Simple Answers

# ✅ Test Scenario Creation & Test Case Design Techniques Interview Questions

## 🟢 Easy

* Q: What is a test scenario? How is it different from a test case?

A: A test scenario is a high-level idea to test, while a test case is a detailed step-by-step instruction.

* Q: Why is test scenario creation important in software testing?

A: It helps cover all possible ways the system can be used.

* Q: What are the key elements to include in a test scenario?

A: Scenario name, objective, and related requirements.

* Q: How do you prioritize test scenarios?

A: Based on risk, business impact, and usage frequency.

* Q: What is a test case? What are its main components?

A: A test case includes test steps, inputs, expected results, and actual results.

* Q: How do test cases help in the testing process?

A: They ensure the software behaves as expected.

* Q: Can you write a simple test scenario for a login page?

A: Verify login with valid and invalid credentials.

* Q: What is the difference between positive and negative test scenarios?

A: Positive checks correct inputs, negative checks wrong inputs.

* Q: How do you identify test scenarios from requirements?

A: Read use cases or user stories to find what to test.

* Q: What is the difference between manual and automated test cases?

A: Manual is done by hand, automated uses tools.

## 🟡 Medium

* Q: What are some common test case design techniques?

A: BVA, Equivalence Partitioning, Decision Table, State Transition.

* Q: Explain Boundary Value Analysis (BVA) with an example.

A: Test at the edge values like 0, 1, max-1, max.

* Q: What is Equivalence Partitioning? How do you apply it?

A: Group similar inputs and test one from each group.

* Q: How would you create test scenarios for a form with mandatory and optional fields?

A: Check combinations of filled and empty fields.

* Q: How do you handle complex workflows when creating test scenarios?

A: Break into steps and test each part separately.

* Q: Explain Decision Table Testing and when to use it.

A: Use when outputs depend on combinations of conditions.

* Q: What is State Transition Testing?

A: Test how the system changes from one state to another.

* Q: How do you ensure your test cases cover both functional and non-functional requirements?

A: Write for features and also for performance, security, etc.

* Q: How do you document expected results in test cases?

A: Write what should happen after each step.

* Q: What is exploratory testing and how does it relate to test scenario creation?

A: Unplanned testing using experience and exploring the app.