

Scenario 1: Login Page

Q1: The login button is disabled until both username and password are entered. How will you test this functionality?

Answer:

- Check login button state with **only username** → should remain disabled.
- Check with **only password** → should remain disabled.
- Check with **both username and password** → should become enabled.
- Boundary case: enter spaces only → button should remain disabled.
- Special characters & SQL injection attempt → button should handle safely.

Q2: If the application allows multiple incorrect login attempts, how will you test account lockout?

Answer:

- Enter wrong password 3 times (or as per requirement).
 - Check if account locks after 3rd attempt.
 - Try logging in again → should show "Account locked" message.
 - Verify unlock process (after timeout / via email / admin).
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Scenario 2: E-commerce Checkout

Q1: A customer adds items to the cart, but when they go to checkout, the cart shows empty. How will you debug and test this issue?

Answer:

- Add item and check cart on **same tab**.
- Add item, then open checkout in **new tab** (session handling check).
- Add item, then log out → log in again → check persistence.
- Check browser cookies/session expiry.

Q2: Payment gateway integration – test success, failure, timeout.

Answer:

- Success: use dummy card with valid details → payment success message.
 - Failure: expired card, incorrect CVV → failure message.
 - Timeout: disconnect internet during transaction → system should handle gracefully.
 - Retry option should be available.
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Scenario 3: Search Functionality

Q1: Search bar should suggest results while typing.

Answer:

- Type 1 character → suggestions appear?
- Type full word → suggestions refine?
- No results → "No matches found" shown?
- Special characters → handled properly?

Q2: Search takes more than 10 seconds to respond. How do you report?

Answer:

- Note expected performance requirement (say < 2 sec).
- Reproduce steps with timer.
- Capture logs/screenshots.
- Severity: **High** if business-critical.

Scenario 4: Banking Application

Q1: ₹10,000 transferred but ₹20,000 deducted.

Answer:

- Verify transaction logs.
- Cross-check balance history.
- Try same scenario with different amount.
- Check if duplication happens only in certain cases (like double-click).

Q2: System should log out after 5 minutes inactivity.

Answer:

- Log in, stay idle > 5 min → verify auto logout.
- Perform action at 4:59 → ensure session extends.
- Check across different browsers/devices.

Scenario 5: Mobile App

Q1: App crashes only on Android 14.

Answer:

- Test same scenario on Android 12, 13 → works?
- Check crash logs from Android Studio/Logcat.
- Report environment-specific defect.

Q2: Test offline mode & sync.

Answer:

- Open app in airplane mode → perform actions.
 - Reconnect internet → check sync accuracy.
 - Verify no duplicate entries.
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Scenario 6: Form Submission

Q1: Form submits without mandatory fields.

Answer:

- Leave name/email blank → should block submission.
- Negative test: spaces only → should block.
- Check error messages are user-friendly.

Q2: File upload max 5MB.

Answer:

- Upload 4.9MB → success.
 - Upload 5MB → success.
 - Upload 5.1MB → should fail with proper message.
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Scenario 7: State Transition

Q1: Order flow: Placed → Processed → Shipped → Delivered.

Answer:

- Verify each transition manually.
- Ensure no skipping.
- Verify invalid transitions (e.g., Delivered → Placed not possible).

Q2: Order jumps from Placed → Delivered.

Answer:

- Log defect with screenshots.
 - Severity: **High** (business logic broken).
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Scenario 8: Bug Reporting

Q1: Clicking back after logout still shows profile.

Answer:

- Report as **High Severity, Medium Priority**.
- Steps: Login → Logout → Back button → Profile visible.
- Expected: Redirect to login page.

Q2: Developer cannot reproduce defect.

Answer:

- Provide environment details (browser, OS, version).
 - Provide test data used.
 - Attach logs/screenshots/video.
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Scenario 9: Multi-User

Q1: Two users booking last seat.

Answer:

- User A & User B book same seat.
- System should lock seat for first user.
- Second user should see "Seat unavailable."

Q2: One user edits document while another is viewing.

Answer:

- Check if second user gets "Document updated" notification.
 - Validate that stale data is not shown.
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Scenario 10: Regression & Retesting

Q1: Password reset defect fixed.

Answer:

- Re-test with valid email → reset mail received.
- Invalid email → proper error shown.
- Regression: check login, signup not impacted.

Q2: 100 test cases affected due to one change.

Answer:

- Prioritize **critical business flows** first.
- Apply **risk-based testing**.
- Run smoke tests to confirm stability.