# Test Cases for Manufacturing Application Issues

## Inventory Mismatch

* Test Case 1: Verify stock update after production entry

Expected Result: System should deduct consumed raw materials and update finished goods inventory accurately.

* Test Case 2: Check stock reconciliation report

Expected Result: Report should highlight mismatches if manual stock adjustment differs from system records.

## Order Processing Errors

* Test Case 1: Validate sales order creation

Expected Result: System should not allow incomplete or invalid data entry.

* Test Case 2: Test order approval workflow

Expected Result: Order should move correctly through approval stages with proper notifications.

## Machine Downtime Logging

* Test Case 1: Simulate downtime event entry

Expected Result: System should capture reason, duration, and responsible department.

* Test Case 2: Check downtime report

Expected Result: Downtime should reflect accurately in performance dashboards.

## Quality Control Failures

* Test Case 1: Enter defective batch data

Expected Result: System should flag and prevent dispatch of defective products.

* Test Case 2: Review quality audit trail

Expected Result: Audit trail should capture inspector details, time, and corrective actions.

## Production Planning Issues

* Test Case 1: Validate production schedule creation

Expected Result: Schedule should consider machine availability and raw material stock.

* Test Case 2: Simulate material shortage

Expected Result: System should trigger alerts and suggest rescheduling.