

1. UAT Test Case Examples

TC ID	Scenario	Preconditions	Steps	Expected Result
UAT-01	Nightly ETL Load Completes Successfully	<ul style="list-style-type: none">• LoanMaster & LoanTxn records present in legacy Access staging area• ETL connector configured	<ol style="list-style-type: none">1. Trigger the nightly ETL job (via scheduler)2. Monitor job run3. Query <code>dw.loan_master</code> and <code>dw.loan_txn</code> tables	<ul style="list-style-type: none">• All source rows appear in target tables• No errors in <code>dw.err_log</code>• Job status = "Success"
UAT-02	Null CustomerID Handling	<ul style="list-style-type: none">• Insert a LoanMaster record in Access with <code>CustomerID = NULL</code>	<ol style="list-style-type: none">1. Run the ETL2. Query <code>dw.err_log</code> with filter <code>error_code = 'BR-R1'</code>	<ul style="list-style-type: none">• Erroneous record appears in <code>dw.err_log</code> with <code>error_code "BR-R1"</code> and original <code>LoanID</code>• <code>txn_date = 2024-12-31 23:59:59</code> (Oracle DATE type)• No off-by-one or timezone shifts
UAT-03	Date Format Transformation & Accuracy	<ul style="list-style-type: none">• Insert LoanTxn record in Access with <code>TransactionDate='31-12-2024 23:59:59'</code>	<ol style="list-style-type: none">1. Execute the ETL2. Query <code>dw.loan_txn</code> for that <code>LoanID</code> and inspect <code>txn_date</code>	

Tip: For each TC, include data setup scripts, step-by-step instructions, and a clear expected result. Capture both **positive** (valid-data) and **negative** (error-handling) scenarios.

2. BA's Role in UAT

1. **UAT Planning**
 - Define **entry/exit criteria** (e.g., all SIT defects resolved, environment ready).
 - Identify **test scenarios** covering critical business flows and edge cases.
 - Determine **data sets** needed (valid, boundary, invalid).
2. **Test-Case Authoring**
 - Write detailed **test conditions** and **test cases** linking back to FRD requirements.
 - Map each test case to one or more **business requirements** to ensure traceability.
3. **Environment & Data Coordination**
 - Work with DevOps/IT to prepare UAT environments and load test data.
 - Validate that data in UAT mirrors real-world scenarios.
4. **User Onboarding & Walkthroughs**
 - Train business users on the UAT process and tools (e.g., TestRail, JIRA).

- Conduct walkthrough sessions demonstrating test flows and logging procedures.
- 5. **Defect Management**
 - Log defects with reproducible steps and clear business impact.
 - Prioritize bugs (Critical/High/Medium) in conjunction with stakeholders.
 - Facilitate triage meetings between business, QA, and development.
- 6. **Retesting & Regression**
 - Coordinate retest cycles as fixes are delivered.
 - Ensure regression tests run for impacted flows.
- 7. **Sign-Off & Reporting**
 - Compile **UAT summary report**: executed vs passed vs failed, open defects, risk assessment.
 - Obtain **formal sign-off** from business owners once acceptance criteria are met.