

LMS Modernization UAT Scenarios

Representative UAT pack for validating a redesigned learning-platform workflow against confirmed business rules, existing data, permissions, validations, and failure states.

Artifact	User Acceptance Testing scenarios	Environment	K-12 learning platform / SaaS
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Confidentiality note. This document is a representative reconstruction based on the type of UAT and modernization work performed professionally. Product names, screens, roles, rules, test data, and implementation details have been generalized or changed.

1. UAT objective

The goal of UAT is to confirm that the modernized workflow supports the intended business outcome without losing important behaviour from the existing product. Coverage therefore includes both the redesigned happy path and the conditions most likely to be missed when a legacy workflow is simplified.

2. Entry criteria

- Modernization requirements and open design decisions required for this scope are resolved or explicitly deferred.
- Test environment contains both newly created records and representative records originating from the legacy workflow.
- Required user roles / permissions are available for testing.
- Dependent services needed for success and failure-path testing can be exercised or reliably simulated.
- Known limitations that do not block UAT are documented before execution.

3. UAT coverage matrix

UAT ID	Business scenario	Requirement / gap	Priority	Expected outcome
UAT-01	Authorized user completes the redesigned happy path.	FR-02	High	Task completes successfully and required data is saved.
UAT-02	Unauthorized user opens the redesigned experience.	FR-01 / GAP-01	High	Restricted action is unavailable and cannot be reached through an alternate path.
UAT-03	User opens a record created under the legacy workflow.	FR-04 / GAP-05	High	Existing supported data is represented correctly without manual recreation.
UAT-04	Required information is missing or invalid.	Validation regression	High	Completion is blocked and user receives actionable validation guidance.
UAT-05	User initiates an irreversible action.	FR-03 / GAP-03	High	Explicit confirmation is required before the action is committed.
UAT-06	Dependent service rejects or fails the transaction.	FR-05 / GAP-06	High	User sees failure; record is not falsely presented as successfully completed.
UAT-07	Legacy-only value exists on historical data.	OQ-03	Medium	Historical record remains understandable and does not corrupt the redesigned experience.
UAT-08	User cancels or backs out before completion.	Workflow regression	Medium	No unintended state change or partial completion is recorded.

4. Detailed UAT scenarios

UAT-02 - Permission rule is preserved in the redesigned experience

Traceability	FR-01 / GAP-01
Preconditions	Tester has a user account without the permission required to perform the restricted action. A valid test record exists.
Why included	Static designs often show one role. This scenario verifies the underlying permission rule survives the redesign.

Step	Test action	Expected result
1	Sign in as the restricted user.	Restricted action is not presented as available.
2	Open the modernized workflow.	Restricted user cannot complete the action through an alternate path.
3	Review available actions.	Other permitted actions remain usable.
4	Attempt to reach the restricted operation through any alternate navigation available in scope.	No unintended record change is made.

UAT-03 - Existing legacy record opens correctly in the modernized workflow

Traceability	FR-04 / GAP-05
Preconditions	A representative record created before modernization exists with populated legacy-era data that remains supported.
Why included	Modernization can pass new-record testing while still breaking real historical data.

Step	Test action	Expected result
1	Open the historical record in the modernized experience.	Existing supported values are displayed correctly.
2	Compare key displayed values with the expected stored data.	User is not required to recreate the record.
3	Perform a supported update.	Supported edits can be saved.
4	Save and reopen the record.	Reopening the record shows the saved result without losing historical data.

UAT-05 - Irreversible action retains an explicit safeguard

Traceability	FR-03 / GAP-03
Preconditions	Tester is authorized to perform an irreversible action on a valid test record.
Why included	The visual treatment can change, but the business safeguard must not disappear.

Step	Test action	Expected result
1	Open the record.	Action is not committed before explicit confirmation.
2	Initiate the irreversible action.	Cancelling leaves the record unchanged.
3	Cancel from the confirmation step.	Confirming completes the action once.
4	Repeat and explicitly confirm the action.	Resulting state is clear to the user.

UAT-06 - Dependent-service failure does not appear as success

Traceability	FR-05 / GAP-06
Preconditions	A valid test record exists and the dependent operation can be made to fail or return a controlled error.
Why included	Happy-path redesigns frequently omit what the user sees when a dependency fails.

Step	Test action	Expected result
1	Complete all required fields.	User receives an actionable error.
2	Submit the transaction while the dependent service returns a failure.	Record is not shown as successfully completed.
3	Review the message and record state.	No duplicate or contradictory state is created.
4	Retry after the dependency is available.	Retry follows the agreed recovery path.

5. Defect / observation log

Not every UAT finding is automatically a defect. During modernization, some findings are requirement gaps, design clarifications, accepted differences, or data issues. I prefer to classify the finding before the team decides how it should be handled.

ID	Finding	Type	Severity	Disposition
OBS-01	Restricted action visible for a role that should not have access.	Defect	High	Fix before release.
OBS-02	Legacy record displays an old value label differently from the current design.	Clarification	Low	Confirm whether label difference is intentional.
OBS-03	Static design did not include dependent-service failure state.	Requirement / design gap	High	Add agreed error behaviour and retest.
OBS-04	Historical test data contains an unsupported obsolete value.	Data / migration question	Medium	Confirm display/mapping rule; may not require code change.

6. Exit criteria

- All High-priority UAT scenarios executed.
- No open release-blocking defect affecting core workflow, permissions, data integrity, or completion state.
- Known differences from legacy behaviour are explicitly approved rather than accidental.
- Open observations are assigned an owner and disposition.
- Regression coverage confirms historical records and supported roles remain usable.
- Business/Product approval captured according to the team's normal release process.

What this sample demonstrates: UAT is tied back to the actual modernization risks, not written as a generic test script. The scenarios focus on the behaviours most likely to be lost when an established product is redesigned: permissions, historical data, safeguards, validation, and failure handling.