

Sample 1 — BDD Test Case

Feature: Payroll API – Unpost Payroll Transaction

Scenario Type: Positive

Test Case Title:

Validate that a finalized payroll entry can be successfully unposted

Objective:

Verify that the system allows a finalized payroll entry to be unposted and reverted to an editable state.

Preconditions:

- · Payroll entry exists
- · Payroll entry status is Posted
- · User is authenticated and authorized
- · Endpoint is available

BDD Steps:

GIVEN a "POSTED" payroll entry exists

AND the user has valid authorization

WHEN the user sends a POST request to `/api/v1/payrolls/entries/{id}/unpost`

THEN the response status should be 200 OK

AND the payroll entry status should be updated to "Editable/Pending"

AND related payroll records should be reverted successfully

Expected Result:

- · API returns 200 OK
- · Payroll status changes from Finalized to Editable
- · Related data is reverted correctly
- · No validation or processing error is returned

Sample 2 — BDD Test Case

Feature: Attendance Engine – Schedule Adjustment Integration

Scenario Type: Positive

Test Case Title:

Validate that approved schedule adjustment is reflected in attendance detail report

Objective:

Verify that an approved schedule adjustment is correctly reflected in the attendance detail response.

Preconditions:

- · Employee exists
- · Approved schedule adjustment exists for the target date
- · Attendance data is available
- · User has access to attendance report endpoint

BDD Steps:

GIVEN an employee has an approved schedule adjustment for a specific work date
WHEN the user retrieves attendance data from GET /api/v1/AttendanceReports/Detail
THEN the response should reflect the adjusted schedule
AND the schedule label should display the updated schedule information
AND the response should return 200 OK

Expected Result:

- · API returns 200 OK
- · Attendance response reflects the adjusted schedule
- · Correct label/value is displayed for the schedule
- · No unrelated fields are affected

Sample 3 — BDD Test Case

Feature: Payroll API – Unpost Payroll Entry

Test Type: Negative

Test Case Title:

Validate that unposting is rejected when payroll entry status is not "Posted"

Objective:

Verify that the system prevents unposting of a payroll entry if its status is not eligible for unposting.

Preconditions

- · Payroll entry exists
- · Payroll entry status is Draft / Pending
- · User is authenticated and authorized
- · API endpoint is accessible

BDD Steps

GIVEN a payroll entry exists with status "Draft / Pending"

AND the user has valid authorization

WHEN the user sends a POST request to /api/v1/payrolls/entries/{id}/unpost

THEN the response status should be 422 Unprocessable Entity

AND the payroll entry status should remain "Draft/Pending"

AND no related payroll records should be modified

AND the response should return a validation error indicating invalid status for unposting

Expected Result

- · API returns 422 Unprocessable Entity
- · Payroll status remains unchanged
- · No related records are modified
- · Clear validation error message is returned

Sample 4 — BDD Test Case

Feature: Payroll API – Unpost Payroll Entry

Test Type: Edge Case

Test Case Title:

Validate system behavior when unposting is triggered multiple times for the same payroll entry

Objective:

Verify that the system handles repeated unpost requests gracefully and prevents duplicate processing.

Preconditions

- · Payroll entry exists
- · Payroll entry status is Posted
- · User is authenticated
- · API endpoint is accessible

BDD Steps

GIVEN a finalized payroll entry exists

AND the payroll entry has already been successfully unposted

WHEN the user sends another POST request to `/api/v1/payrolls/entries/{id}/unpost`

THEN the response status should be 422 Unprocessable Entity

AND the payroll entry status should remain "Editable"

AND no duplicate rollback or data changes should occur

AND the response should indicate that the payroll entry has already been unposted

Expected Result

- · API returns appropriate error (422 or similar)
- · No duplicate operation occurs
- · System remains consistent