

User stories & acceptance tests

Eight operational stories linked to business outcomes, each with Given / When / Then acceptance criteria.

Simulated case study. A fictional business with illustrative data. Proposed outcomes only; no real client engagement or achieved results are claimed.

Story / trace	User story	Given / When / Then
US01 FR01/02 · BO1/3	As a counter assistant, I want one complete order record, so that bakers receive the correct request.	Given an order lacks a promise time, when I save it, then saving is rejected and the missing field is identified. Given a valid order, when I save it, then a unique ID and original promise are stored.
US02 FR03/04 · BO1/2	As a manager, I want stock and capacity checks, so that I do not promise an infeasible batch.	Given a batch requires 10 kg and only 8 kg is available, when I confirm, then the order remains Held with a 2 kg shortage. Given sufficient stock but no oven slot, then confirmation also remains blocked.
US03 FR04/02 · BO1/3	As a baker, I want a versioned job sheet, so that I bake the latest approved quantities.	Given version 1 requests 20 rolls, when a manager approves 30 rolls, then version 2 shows 30, links the same order and marks version 1 superseded.
US04 FR05/06 · BO2/4	As a manager, I want auditable stock and alerts, so that I can act before ingredients run out.	Given on-hand flour is 15 kg with 9 kg reserved, when another 1 kg is reserved, then on-hand stays 15 kg, available becomes 5 kg and a 5 kg threshold alerts.
US05 FR07 · BO2	As a manager, I want partial supplier receipts, so that unreceived stock is not available for production.	Given an approved 50 kg purchase, when I receive 25 kg, then on-hand increases by 25 kg and 25 kg remains outstanding; the remaining purchase is not available stock.
US06 FR08/02 · BO1/4	As a counter assistant, I want logged customer decisions on delays, so that revised promises are explicit.	Given an original promise of 10:00 and a delay to 11:00, when the customer accepts, then both times and acceptance are stored; readiness at 10:30 still counts as late against 10:00.
US07 FR09 · BO1/4	As a counter assistant, I want a verified handover and payment link, so that I close the right order.	Given an order for 12 rolls and a packing count of 10, when I release it, then handover is blocked. Given correct packing but no payment reference/account approval, when I close it, then closure is blocked.
US08 FR10/11/12 · BO3/4	As an owner, I want reconciled, access-controlled reporting, so that I can trust the weekly review.	Given fallback ID P-001 already exists, when it is imported again, then order count is unchanged and the duplicate is flagged. Given a baker role, when it requests a customer export, then access is denied and logged. Given the baseline fixture, when I run KPIs, then K01 is 92% and K04 is 14%.

FR = functional requirement, BO = business objective. IDs trace to the requirements specification and traceability matrix in the full case study.