SDSDIMS – Test Case Summary

Test ID Level Feature/Component Pre-conditions Inputs/Test Data Steps Expected Result Owner Priority Notes UT-001 Unit ParkineStot. hold/userdd. tilSec) Spot S-101 is a vailable; user U-123 userde-U-123; spotde-S-101; Call hold(); query Hold repo by sout Sminutes, and the parking Soth Marked as active, set to expire in about Sminutes, and the parking Soth Marked as active, set to expire in about Sminutes, and the parking Soth Marked as active, set to expire in about Sminutes, and the parking Soth Sminutes, and the parkin	
Control of the second of the s	
UT-001 Unit ParkingSpot.hold(userId, ttlSec) ParkingSpot.hold(userId, ttlSec) ParkingSpot.hold(userId, ttlSec) Spot 3-101 is available; user 0-123 spotder-5-101; Caii noia(); query now report spotd spo	
UT-002 Unit Hold.isExpired() Hold H-555 exists with expiresAt in holdId=H-555 Call isExpired() Returns True Christena High Boundary: expiresAt=now should be expired	
UT-003 Unit Ticket.generateQR() Ticket T-900 exists with ticketId=T-900 Status=NEW Ticket T-900 exists with ticketId=T-900 Call generateQR(); fetch stored asset generated and stored; qrCodeUrl not null Oscar High Validate asset MIME type and size	
UT-004 Unit ConcessionItem.reduceStock(qty) Item C-77 stockQty=10 qty=3 Call reduceStock(3) atomic; no negative values allowed Seth Medium Add negative test: qty>stock should fail	
The Integration Checkout flow: Parking to Ticketing to Payments Checkout flow: Parking to Ticketing to Payments Checkout flow: Parking to Ticketing to Payments Showtime ST-42 published; spot S- 102 available; user U-123 logged in; payment token valid Showtime ST-42 published; spot S- 102 available; user U-123 logged in; payment token valid Create hold; submit order; call payment authorize+capture; issue ticket Tricketing to Payments Create hold; submit order; call payment authorize+capture; issue ticket Tricketing to Payments Tricket hold; submit order; call payment authorize+capture; issue ticket Tricket hold; submit order; call payment authorize+capture; issue ticket Tricketing to Payments Tricketing to	
TF-002 Integration Payment failure path Payment failure path Hold exists; gateway reachable; card declines paymentToken=tok_visa_declined Attempt checkout Order remains OPEN; no ticket issued; hold released after TTL; user shown retry message Consistent) Conder remains OPEN; no ticket issued; hold released after TTL; user shown retry message	
17-003 Integration Ticket redemption (Scanner App to Ticket status=ISSUED; device online Scanner Calls /tickets/validate; server marks redeemed Scanner Calls /tickets/validate;	
ST-001 System Customer purchase end-to-end (web) Customer purchase end-to-end (web) Customer purchase end-to-end (web) Catalog has at least one movie; showtime with spots; email service configured Select movie, spot S-110, enter card 4242 4242 4242 (test) Browse to select showtime to choose spot to pay to receive email with QR; dashboard shows sale Responsive UI; order confirmation; email with QR; dashboard shows sale Christena High Measure page latency <2s for 95%	
ST-002 System Offline scanning then sync Scanner app in offline mode; 3 valid tickets queued Scanner app in offline mode; 3 valid tickets queued Sync Queue validations; reconnect; autosync Sync All three marked REDEEMED after sync; no duplicates; conflict alerts for invalids All three marked REDEEMED after sync; no duplicates; conflict alerts for invalids	
ST-003 System Manager reporting (sales by showtime) At least 5 paid orders exist across 2 Open Reports to Sales by Showtime (today) Run report; export CSV Accurate totals; CSV generated to object storage; downloadable link weeks Cross-check sums against DB query	