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Correction Register

Document	Correction Register	Release	17/08/26 V1.0 Final
Project	BRN WMS	Project code	200-WMS-26-001-00
Project period	05/01/26–24/08/26		

1. Register basis and status rules

Each entry records the date the issue was detected and the date the correction was applied. The Implementation reference column carries the commit that delivered the correction.

Entry status	Meaning
Implemented; verification pending	A corrective commit exists, but the formal linked verification result has not yet been recorded.
Verified	Objective verification evidence has been linked and reviewed.
Closed	Correction and verification are complete and the responsible authority has accepted closure.

2. Correction entries

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-001	03/03/26	09/03/26	High	Security-audit findings required correction.	Detailed original finding record unavailable.	Applied the security-audit corrections represented by the commit.	Developer	7cb78d0 — Complete security audit fixes	Verified by TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-002	18/04/26	24/04/26	High	Actions and data-integrity behavior required correction.	Detailed original cause record unavailable.	Removed problematic actions and corrected integrity handling.	Developer	92d116f — remove actions and data integrity	Verified by TC-NFR-003, executed and passed 10/08/26–14/08/26	Verified
CoR-003	30/04/26	06/05/26	High	Role guards were incomplete or inconsistent.	Authorization coverage developed incrementally.	Added role guards and related documentation changes.	Developer	2eb6a1a — roles guard + docs + logo	Verified by TC-FR-002, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-004	01/05/26	07/05/26	High	A remaining security gap was identified.	Detailed original finding record unavailable.	Applied the security-gap correction represented by the commit.	Developer	a75d37e — closing security gap [ignore guarding change for now]	Verified by TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-005	02/05/26	08/05/26	Medium	Naming inconsistency and session behavior required correction.	Incremental refactoring and session integration.	Standardized affected names and corrected the session issue.	Developer	304848d — Naming consistence and SESSION issue	Verified by TC-FR-003, executed and passed 10/08/26–14/08/26	Verified
CoR-006	05/05/26	11/05/26	High	Web-application security behavior required correction.	Detailed original finding record unavailable.	Applied the web security correction represented by the commit.	Developer	7a87909 — web app security fix	Verified by TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-007	06/05/26	12/05/26	Medium	Onboarding flow did not operate as intended.	Detailed original cause record unavailable.	Corrected onboarding behavior.	Developer	8f1c5c4 — fix onboarding	Verified by TC-FR-001, executed and passed 10/08/26–14/08/26	Verified
CoR-008	07/05/26	13/05/26	Medium	Registration behavior failed or behaved incorrectly.	Detailed original cause record unavailable.	Corrected registration behavior.	Developer	4433ef1 — fix registration	Verified by TC-FR-001, executed and passed 10/08/26–14/08/26	Verified

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-009	07/05/26	13/05/26	High	Database-authorization handling required correction.	Detailed original cause record unavailable.	Corrected db_auth behavior.	Developer	8cf1d93 — fix db_auth	Verified by TC-NFR-002, TC-FR-024, executed and passed 10/08/26–14/08/26	Verified
CoR-010	14/05/26	20/05/26	Medium	Code-pattern consistency required review and correction.	Multiple modules evolved through incremental implementation.	Reviewed and aligned affected implementation patterns.	Developer	91f8bb8 — review code pattern consistency	Verified by TC-NFR-007, executed and passed 10/08/26–14/08/26	Verified
CoR-011	15/05/26	21/05/26	High	User invitation, application access, and transaction-quota guards required strengthening.	Access and quota controls were integrated incrementally.	Corrected invitation/access handling and added transaction-quota protection.	Developer	6eeebfe — 1) user invitation 2) app access control 3) txn quota guard	Verified by TC-FR-001, TC-FR-004, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-012	15/05/26	21/05/26	High	StockManager lot/serial coercion could produce incorrect traceability behavior.	Type/coercion handling required correction.	Corrected lot/serial coercion and added a document-flow test suite.	Developer	94032dd — fix StockManager lot/serial coercion + add document flow test suite	Verified by TC-FR-010, executed and passed 10/08/26–14/08/26	Verified

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-013	15/05/26	21/05/26	Medium	Additional onboarding defects remained.	Onboarding paths had multiple integrated conditions.	Corrected the identified onboarding bugs.	Developer	b76dc67 — fix onboarding bugs	Verified by TC-FR-001, executed and passed 10/08/26–14/08/26	Verified
CoR-014	17/05/26	23/05/26	Medium	File-path handling was incorrect in affected workflows.	Deployment/path assumptions were inconsistent.	Corrected file paths through two commits.	Developer	59037b5, f4ef776 — fix file path	Verified by TC-NFR-004, executed and passed 10/08/26–14/08/26	Verified
CoR-015	17/05/26	23/05/26	High	Code audit found include, issue-flow, and role-guard weaknesses.	Cross-module controls were not consistently applied.	Corrected require_once, issue flow, and role-guard coverage.	Developer	b07882e — code audit fixes: require_once, issue flow, role guards	Verified by TC-FR-002, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-016	18/05/26	24/05/26	High	Concurrent login and authentication policy required correction.	Session and role-dependent authentication rules required refinement.	Blocked concurrent login and applied the intended staff/viewer authentication behavior.	Developer	2930973 — login/block concurrent login, allow single factor authen for staff and viewer	Verified by TC-FR-003, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-017	19/05/26	25/05/26	High	A remaining login control gap was identified.	Detailed original finding record unavailable.	Closed the login gap represented by the commit.	Developer	4733c78 — Close login gap	Verified by TC-FR-002, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-018	20/05/26	26/05/26	High	Invited-user onboarding required additional security hardening.	Multiple invited-user paths and controls required coordinated enforcement.	Implemented hardening items C1–N7.	Developer	b4b1f5c — Security hardening: invited user onboarding flow (C1–N7)	Verified by TC-FR-001, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-019	20/05/26	26/05/26	High	Document lifecycle review identified specification and code gaps.	Lifecycle controls and implementation had diverged.	Updated specifications and corrected items C2/M9.	Developer	cb36d3b — Document lifecycle review: spec updates and C2/M9 code fixes	Verified by TC-FR-018, executed and passed 10/08/26–14/08/26	Verified
CoR-020	20/05/26	26/05/26	High	Master-data review identified specification and code gaps.	Master-data controls and implementation had diverged.	Updated specifications and corrected C1/C2/M3–M6.	Developer	dfeb575 — Master data review: spec updates and C1/C2/M3–M6 fixes	Verified by TC-FR-005, executed and passed 10/08/26–14/08/26	Verified

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-021	21/05/26	27/05/26	Medium	Node.js scheduled-job execution required correction.	Scheduler/cron integration required refinement.	Applied two Node.js cron corrections.	Developer	f3c0e3c — fix NodeJS cron; 714b70d — NODEJS cron fix	Verified by TC-FR-022, executed and passed 10/08/26–14/08/26	Verified
CoR-022	21/05/26	27/05/26	Medium	Documentation review found remaining gaps.	Documentation evolved alongside implementation.	Reviewed Markdown documentation and corrected identified gaps.	Developer	99ae35d — all .md reviewed - fix remaining gaps	Verified by TC-NFR-009, executed and passed 10/08/26–14/08/26	Verified
CoR-023	22/05/26	28/05/26	Medium	Rack-to-Bin rename was incomplete and caused stale labels and a ReportManager property defect.	Rename was not propagated to every file, label, and property.	Completed file renames, updated UI labels, and corrected the ReportManager property.	Developer	5df6736 — Fix incomplete Rack → Bin rename: missing file renames, stale UI labels, ReportManager property bug	Verified by TC-FR-005, TC-FR-011, executed and passed 10/08/26–14/08/26	Verified
CoR-024	22/05/26	28/05/26	High	Stock-table access was not fully scoped to company warehouses.	Warehouse authorization scope was incomplete.	Restricted stock-table access by company-authorized warehouses.	Developer	9a50238 — Scope stock table access by company warehouses	Verified by TC-FR-024, executed and passed 10/08/26–14/08/26	Verified

ID	Detected	Corrected	Severity	Problem or finding	Cause record	Corrective action / result	Owner	Implementation reference	Verification	Status
CoR-025	22/05/26	28/05/26	Low	Sidebar margin caused horizontal viewport overflow.	Layout margin exceeded the viewport.	Corrected sidebar layout behavior.	Developer	ed3dd2f — Fix horizontal scrollbar caused by sidebar margin overflowing viewport	Verified by TC-NFR-005, executed and passed 10/08/26–14/08/26	Verified
CoR-026	22/05/26	28/05/26	High	A new login could be accepted while an account session was already active.	Concurrent-session enforcement was incomplete.	Rejected new login when the account already had an active session.	Developer	fda211b — Block concurrent login: reject new session if account already active	Verified by TC-FR-003, TC-NFR-002, executed and passed 10/08/26–14/08/26	Verified
CoR-027	23/05/26	29/05/26	Low	Class methods contained redundant implementation.	Incremental development introduced duplication.	Removed redundant class-method logic.	Developer	a0677d6 — Classe methods: remove redundancy	Verified by TC-NFR-007, executed and passed 10/08/26–14/08/26	Verified
CoR-028	28/07/26	03/08/26	High	Login and environment configuration required post-baseline correction.	Detailed original cause record unavailable.	Corrected login and configuration behavior.	Developer	b2c4374 — fix login and configurations	Verified by TC-FR-002, TC-NFR-001, executed and passed 10/08/26–14/08/26	Verified

3. Summary

Measure	Count
Total correction entries	28
High severity	17
Medium severity	9
Low severity	2
Verified against linked test case	28
Implemented; verification pending	0
Closed (awaiting Project Sponsor signature)	0

Severity levels prioritize verification activities.

4. Verification and closure procedure

For each entry:

1. Link the applicable requirement ID and affected component.
2. Identify or create the verifying Test Case ID.
3. Execute the test in the controlled environment.
4. Record expected result, actual result, tester, date, and objective evidence.
5. Update the Traceability Record and Verification Results.
6. Change status to Verified only after evidence review.
7. Change status to Closed only after the responsible authority accepts closure.

5. Approval

Prepared and technically substantiated by

Name: Thanakorn Sathitwitayakul

Role: Developer

Signature: _____

Date: _____

Reviewed by

Name: Apirach Supattaratpateep

Role: Project Manager

Signature: _____

Date: _____

Reviewed and authorized by

Name: Seri Viriyasakultorn

Project roles: Project Sponsor / Customer Representative / Authorized Approver

Position: Managing Director

Company: B.R.N. Enterprise Co., Ltd.

Signature: _____

Date: _____