



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

1. Purpose

The example reference package has no filled Software Components document; this work product's content and format were not prescribed by an example and are defined here from the current codebase. This record lists the delivered software components (business-logic classes, real-time/scheduled services, and application areas) as the inventory referenced by the Traceability Record and Software Configuration. Unit IDs match the Software Unit table in the Software Design document.

2. Business-logic components (PHP)

Unit ID	Component	File	Status
UN01	UserManager	app/assets/utils/classes/UserManager.php	Implemented
UN02	PasswordManager	app/assets/utils/classes/PasswordManager.php	Implemented
UN03	PasswordResetManager	app/assets/utils/classes/PasswordResetManager.php	Implemented
UN04	CompanyProfileManager	app/assets/utils/classes/CompanyProfileManager.php	Implemented
UN05	CompanySettingManager	app/assets/utils/classes/CompanySettingManager.php	Implemented
UN06	SmtManager	app/assets/utils/classes/SmtManager.php	Implemented

Unit ID	Component	File	Status
UN07	WarehouseManager	app/assets/utils/classes/WarehouseManager.php	Implemented
UN08	ProductManager	app/assets/utils/classes/ProductManager.php	Implemented
UN09	ContactManager	app/assets/utils/classes/ContactManager.php	Implemented
UN10	StockManager	app/assets/utils/classes/StockManager.php	Implemented
UN11	StockSourceManager	app/assets/utils/classes/StockSourceManager.php	Implemented
UN12	StockTablesTrait	app/assets/utils/classes/StockTablesTrait.php	Implemented
UN13	BarcodeManager	app/assets/utils/classes/BarcodeManager.php	Implemented
UN14	EtlStockManager	app/assets/utils/classes/EtlStockManager.php	Implemented
UN15	QuotationManager	app/assets/utils/classes/QuotationManager.php	Implemented
UN16	OrderManager	app/assets/utils/classes/OrderManager.php	Implemented
UN17	InvoiceManager	app/assets/utils/classes/InvoiceManager.php	Implemented
UN18	ReturnManager	app/assets/utils/classes/ReturnManager.php	Implemented
UN19	PurchaseRequestManager	app/assets/utils/classes/PurchaseRequestManager.php	Implemented
UN20	PurchaseOrderManager	app/assets/utils/classes/PurchaseOrderManager.php	Implemented

Unit ID	Component	File	Status
UN21	SupplierReturnManager	app/assets/utils/classes/SupplierReturnManager.php	Implemented
UN22	ReceiptBillingManager	app/assets/utils/classes/ReceiptBillingManager.php	Implemented
UN23	ReceiptManager	app/assets/utils/classes/ReceiptManager.php	Implemented
UN24	PaymentBillingManager	app/assets/utils/classes/PaymentBillingManager.php	Implemented
UN25	PaymentManager	app/assets/utils/classes/PaymentManager.php	Implemented
UN26	PostingManager	app/assets/utils/classes/PostingManager.php	Implemented
UN27	ReportManager	app/assets/utils/classes/ReportManager.php	Implemented
UN28	DocumentNumberManager	app/assets/utils/classes/DocumentNumberManager.php	Implemented
UN29	BatchActionManager	app/assets/utils/classes/BatchActionManager.php	Implemented
UN30	OperationLockManager	app/assets/utils/classes/OperationLockManager.php	Implemented
UN31	UsageGuard	app/assets/utils/classes/UsageGuard.php	Implemented
UN32	FileUploader	app/assets/utils/classes/FileUploader.php	Implemented

3. Real-time and scheduled service components (Node.js)

Unit ID	Component	File	Status
UN33	Socket.IO notification server	nodejs/server.js	Implemented

Unit ID	Component	File	Status
UN34	Scheduled aggregate/alert jobs	nodejs/scheduler.js	Implemented
—	Process manager configuration	nodejs/ecosystem.config.js	Implemented

4. Application areas (presentation)

Area	Path	Primary components
Login/onboarding	app/login/	UN01, UN02, UN03
Company/system settings	app/setting/	UN04, UN05, UN06
Inventory/warehouse master data	app/inventory/	UN07, UN08
Contacts	app/contact/	UN09
Inventory control system (stock operations)	app/ics/	UN10, UN11, UN12, UN13
Sales/revenue	app/order/, app/revenue/	UN15, UN16, UN17, UN18
Purchasing	app/po/	UN19, UN20, UN21
Finance	app/finance/	UN22, UN23, UN24, UN25
Accounting/journal	app/accounting/, app/journal/	UN26
Reporting/dashboards	app/reports/, app/dashboard/, app/ac_dashboard/, app/expense/	UN27, UN14
Scheduled jobs (PHP side)	app/cron/	UN14, UN26

5. Component change linkage

New or modified components are controlled through the Change Report and Correction Register.

6. Approval

Prepared 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: _____