

# Office Inventory Management Web App

User Manual & Technical Documentation

**PRABUBIMA TECH**

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# Menu Overview

## Inventory

### Master Inventory

The screenshot shows the 'Master Inventory' page. On the left is a sidebar with navigation links: Inventory (Master Inventory, Item Category, Manage Unit, Bulk Upload History, Unit Usage Log), Lending (Lending, Lending List, Lending History, Item Lending Report, Unit Lending Report), Damaged & In-Repair Unit (Repair Summary, Damaged Unit, Unit In-Repair, Repair Log), Edit Unit Data, Warehouse (Employee), Admin Menu (Users, Roles, Permissions, Permission groups, User Visit log, Assign Warehouse Admin), and User Options. At the top right are 'Change Password' and 'Logout (superadmin)' buttons. The main area has a breadcrumb 'Home / Master Inventory'. Below it is a 'Master Inventory' title with 'Add New Item' and 'Export Data to .xlsx' buttons. A table displays 17 items with columns: #, Item Name, SKU, Category, Available, In-Use, In-Repair, Unit Lost, and Action. The table includes rows for various items like Logitech keyboards, ThinkPad T14s, and Macbook Air M3, along with several test entries.

#	Item Name	SKU	Category	Available	In-Use	In-Repair	Unit Lost	Action
1	Logitech Signature Slim Keyboard K950	PA24-0001	Computer Peripherals	68	1	0	0	
2	Logitech MX Anywhere 3S	PA24-0002	Computer Peripherals	69	1	0	0	
3	ThinkPad T14s Gen 4 (14" AMD)	PC24-0001	Personal Computer	64	0	0	0	
4	Generic Mousepad Small	PA24-0003	Computer Peripherals	64	0	0	0	
5	Sennheisser HD600	VD24-0001	Audio Visual Production	64	0	0	0	
6	Shure SM7B	VD24-0002	Audio Visual Production	64	0	0	0	
7	TC-Helicon GOXLR	VD24-0003	Audio Visual Production	64	0	0	0	
8	USB-C Hub Multi Dongle	PA24-0004	Computer Peripherals	64	0	0	0	
9	Macbook Air M3	PC24-0002	Personal Computer	63	1	0	0	
10	Sony A7 iv	VD24-0004	Audio Visual Production	63	1	0	0	
11	Test FlakPz Gepard	TC24-0001	Test Cat	63	1	0	0	
12	Test Item 1	TC24-0002	Test Cat	70	0	0	0	
13	Test G1	TC24-0003	Test Cat	63	1	0	0	
14	Laptop Backpack M24	PU24-0001	Personal Utility Item	63	1	0	0	
15	Suffers Mk1	TC24-0004	Test Cat	63	1	0	0	
16	Computer Desk Mk1 M2024	DK24-0001	Desk	63	1	0	0	
17	SPAM TEST	TC24-0005	Test Cat	0	0	0	0	

Figure 1

## Main Menu of the app.

It shows summary overview of Items and Units of each item in each availability status. This menu shows data in grid-view with Item Name, SKU, Category, Available, In-Use, In-Repair, Unit Lost columns.

### Buttons Functions:

- Add New Item

Redirect to Add New Item page where user can add an item to the system.

- Export Data To .xlsx

Users can export data to xlsx spreadsheets with filter applied (if used).

- Action Column-View Picture (Eye Icon)

- View picture of the item selected in a modal within page.
- Action Column-Item Detail in Warehouse (Building Button)
- View detail of item where it is distributed in all warehouses
- Action Column-Item Detail (Viewfinder Icon)
- View details of all units associated with the selected item.
- Action Column-Update Data (Pencil Icon)
- Edit Item data.

## Add New Item

The screenshot shows the 'Create Item' page of the 'Office Inventory' application. The left sidebar contains a navigation menu with categories like Inventory, Lending, Damaged & In-Repair Unit, Warehouse, Employee, Admin Menu, and User Options. The main content area has a breadcrumb trail: Home / Items / Create Item. The 'Create Item' form has fields for 'Item Name', 'SKU', 'Item Category' (with a dropdown menu), and 'Item Picture' (with a 'Choose File' button). A 'Save' button is located at the bottom of the form. The footer of the page includes copyright information: © Fikri A. Yuhanda - Prabubima Tech 2024 || Office Inventory Management Yii2 2024.

Figure 2

Add New Item menu is used by user to add an item into the system. Users must fill in all fields with relevant information including picture file of the item. Upon filling all fields, users can click on ‘Save’ button to save the item. SKU will be automatically generated if the corresponding field is left empty.

## SKU Auto-Generation Rule

The first 2 characters are taken from the Item Category code chosen in the Item Category field. 3<sup>rd</sup> and 4<sup>th</sup> characters are the last 2 digits of the year Item is added to the system. The rest of the characters then followed by serialized numbers from Item in the same category that start at 0001.

## View Image

The screenshot shows the 'Master Inventory' page. A modal window titled 'Item Image' is open, displaying a black Logitech Signature Slim Keyboard K950. The main inventory table shows 17 items, including a ThinkPad T14s Gen 4 (14" AMD) and a Shure SM7B. The sidebar on the left includes links for Master Inventory, Item Category, Manage Unit, Bulk Upload History, and Unit Usage Log.

#	Item Name	Available	In-Use	In-Repair	Unit Lost	Action
1	Logitech Signature Slim Keyboard K950	68	1	0	0	
2	Logitech MX Anywhere 3S	69	1	0	0	
3	ThinkPad T14s Gen 4 (14" AMD)	64	0	0	0	
4	Generic Mousepad Small	64	0	0	0	
5	Sennheiser HD600	64	0	0	0	
6	Shure SM7B	64	0	0	0	
7	TC-Helicon GOXLR	64	0	0	0	

Figure 3

View item image in a modal.

## Item Detail in Warehouse

The screenshot shows the 'Item Detail In Warehouses' page. A modal window titled 'Units Undergoing Repair' is open, showing a count of 0. The main table lists 8 warehouses: JOG Condongcatur, Semarang Office, JKT Headquarter, Wonosobo Office Wh, PWT Office Wh, CLP Office Wh, SRBY Office Wh, and BDG Office Wh. The sidebar on the left includes links for Master Inventory, Item Category, Manage Unit, Bulk Upload History, and Unit Usage Log.

#	Warehouse	Available	In-Use	Unit Lost
1	JOG Condongcatur	8	0	0
2	Semarang Office	7	1	0
3	JKT Headquarter	8	0	0
4	Wonosobo Office Wh	8	0	0
5	PWT Office Wh	8	0	0
6	CLP Office Wh	8	0	0
7	SRBY Office Wh	8	0	0
8	BDG Office Wh	13	0	0

Figure 4

This menu details where units of each item are distributed around the warehouses. Export to xlsx spreadsheets is available for this menu.

## Item Detail

Office Inventory

☰ Change Password Logout (superadmin)

Inventory

- Master Inventory
- Item Category
- Manage Unit
- Bulk Upload History
- Unit Usage Log

Lending

- Lending
- Lending List
- Lending History
- Item Lending Report
- Unit Lending Report

Damaged & In-Repair Unit

- Repair Summary
- Damaged Unit
- Unit In-Repair
- Repair Log

Edit Unit Data

Warehouse

Employee

Admin Menu

- Users
- Roles
- Permissions
- Permission groups
- User Visit log
- Assign Warehouse Admin

User Options

Home / Items Detail

## Items Detail

[Export Data to .xlsx](#)

Showing 1-20 of 69 items.

#	Condition	Serial Number	Id Unit	Status	Updated By	Warehouse	Employee	Comment	Edit
1	OK	PA24-0001-0001	1	Available in warehouse	superadmin	JOG Condongcatur	(not set)	new data after purge	
2	OK	PA24-0001-0002	2	Borrowed/Lent	superadmin	(not set)	Emma	new data after purge	
3	OK	PA24-0001-0003	3	Available in warehouse	admin_en	JKT Headquarter	(not set)	new data after purge	
4	OK	PA24-0001-0004	4	Available in warehouse	admin_en	Wonosobo Office Wh	(not set)	new data after purge	
5	OK	PA24-0001-0005	5	Available in warehouse	admin_en	PWT Office Wh	(not set)	new data after purge	
6	OK	PA24-0001-0006	6	Available in warehouse	admin_en	CLP Office Wh	(not set)	new data after purge	
7	OK	PA24-0001-0007	7	Available in warehouse	admin_en	SRBY Office Wh	(not set)	new data after purge	
8	OK	PA24-0001-0008	8	Available in warehouse	admin_en	BDG Office Wh	(not set)	new data after purge	
9	OK	PA24-0001-0009	9	Available in warehouse	admin_en	JOG Condongcatur	(not set)	new data after purge	
10	OK	PA24-0001-0010	10	Available in warehouse	admin_en	Semarang Office	(not set)	new data after purge	
11	OK	PA24-0001-0011	11	Available in warehouse	admin_en	JKT Headquarter	(not set)	new data after purge	
12	OK	PA24-0001-0012	12	Available in warehouse	admin_en	Wonosobo Office Wh	(not set)	new data after purge	
13	OK	PA24-0001-0013	13	Available in warehouse	admin_en	PWT Office Wh	(not set)	new data after purge	
14	OK	PA24-0001-0014	14	Available in warehouse	admin_en	CLP Office Wh	(not set)	new data after purge	
15	OK	PA24-0001-0015	15	Available in warehouse	admin_en	SRBY Office Wh	(not set)	new data after purge	
16	OK	PA24-0001-0016	16	Available in warehouse	admin_en	BDG Office Wh	(not set)	new data after purge	
17	OK	PA24-0001-0017	17	Available in warehouse	admin_en	JOG Condongcatur	(not set)	new data after purge	
18	OK	PA24-0001-0018	18	Available in warehouse	admin_en	Semarang Office	(not set)	new data after purge	
19	OK	PA24-0001-0019	19	Available in warehouse	admin_en	JKT Headquarter	(not set)	new data after purge	
20	OK	PA24-0001-0020	20	Available in warehouse	admin_en	Wonosobo Office Wh	(not set)	new data after purge	

«1234»

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Figure 5

This menu is where users can view the details of an item. It shows units associated with selected items. Users can edit data of a unit, filter the viewed data, export data with or without filter applied.

## Columns:

- Condition

Explains physical conditions of associated unit. Condition can be 'OK', 'Light Damage', 'Moderately Damaged', 'Major Damage', 'Lost or Destroyed'.

- Serial Number

### Serial number of associated units

- Id Unit

Data of id\_unit as stored in database

- Status

Explains status of a unit. Status can be ‘Available in Warehouse’, ‘Borrowed/Lent’, ‘In-Repair’, ‘Broken Beyond Repair or Lost’.

- Updated By

Shows latest user that interacts with the unit.

- Warehouse

Shows where in which warehouse a unit is located if the unit status is available in warehouse.

- Employee

Shows who currently use/borrow a unit if the status is ‘in-use’.

- Comment

Additional information that might be added by users to a unit.

- Edit Column

Users can edit data of a unit by clicking on the edit button on each row of data.

## Update Item Data

The screenshot shows a web-based inventory management system. On the left is a dark sidebar menu with various administrative links: Office Inventory, Inventory (Master Inventory, Item Category, Manage Unit, Bulk Upload History, Unit Usage Log), Lending (Lending, Lending List, Lending History, Item Lending Report, Unit Lending Report), Damaged & In-Repair Unit (Repair Summary, Damaged Unit, Unit In-Repair, Repair Log), Edit Unit Data, Warehouse, Employee, Admin Menu (Users, Roles, Permissions, Permission groups, User Visit log, Assign Warehouse Admin), and User Options. At the top right of the main content area are links for Change Password and Logout (superadmin). Below these are breadcrumb links: Home / Items / 11 / Update. The main title is 'Update an Item data: 11'. The form fields are: Item Name (Logitech Signature Slim Keyboard K950), SKU (PA24-0001), Item Category (Computer Peripherals (PA)), and Item Picture (Choose File, No file chosen). A blue 'Save' button is at the bottom left of the form. At the bottom of the page, there is a footer with the text '© Fikri A. Yuhanda - Prabubima Tech 2024 || Office Inventory Management Yii2 2024' and a small logo in the bottom right corner.

Figure 6

Users can update or edit data of an item. Upon finishing the input users can click on ‘Save’ button.

## Item Category

The screenshot shows the 'Item Categories' page. On the left is a sidebar with navigation links for Inventory, Lending, Damaged & In-Repair Unit, Repair Summary, Admin Menu, and Warehouse. The main content area has a breadcrumb path 'Home / Item Categories'. It displays a table titled 'Item Categories' with columns: #, Category Name, Category Code, and Action. The table contains 7 items:

#	Category Name	Category Code	Action
1	Computer Peripherals	PA	
2	Audio Visual Production	VD	
3	Personal Computer	PC	
4	Test Cat	TC	
5	Test C2	TS	
6	Personal Utility Item	PU	
7	Desk	DK	

Figure 7

Item category menu is where users can manage categories for item. This menu shows Category Name, Category Code, and Action column where users can select to edit and delete a category.

Button functions:

- Create Category

Redirects to a page where user can create a new Item category.

- Update/Edit Category data

Redirects to a page where user can update or edit an Item category data.

- Delete Category

User can delete an Item category. Only unused Item category can be deleted by the user. If an Item category is being used by an Item but the user wants to delete it, the system will prevent it and show an error flash message.

## Create Item Category

The screenshot shows the 'Create Item Category' page. On the left is a sidebar with navigation links for Inventory, Lending, Damaged & In-Repair Unit, Repair Summary, Admin Menu, and Warehouse. The main content area has a breadcrumb path 'Home / Item Categories / Create Item Category'. It displays a form with two input fields: 'Category Name' and 'Category Code', and a 'Save' button at the bottom.

Figure 8

Users are required to fill in all the fields. Category code can be filled with 2 characters in which can be used as a component for auto-generated SKU for Item.

## Manage Unit

#	Item Name	Sku	Available	Action
1	Logitech Signature Slim Keyboard K950	PA24-0001	68	<input type="button" value="Add"/>
2	Logitech MX Anywhere 3S	PA24-0002	69	<input type="button" value="Add"/>
3	ThinkPad T14s Gen 4 (14" AMD)	PC24-0001	63	<input type="button" value="Add"/>
4	Generic Mousepad Small	PA24-0003	64	<input type="button" value="Add"/>
5	Sennheisser HD600	VD24-0001	63	<input type="button" value="Add"/>
6	Shure SM7B	VD24-0002	64	<input type="button" value="Add"/>
7	TC-Helicon GOXLR	VD24-0003	64	<input type="button" value="Add"/>
8	USB-C Hub Multi Dongle	PA24-0004	64	<input type="button" value="Add"/>
9	Macbook Air M3	PC24-0002	63	<input type="button" value="Add"/>
10	Sony A7 iv	VD24-0004	63	<input type="button" value="Add"/>
11	Test FlakPz Gepard	TC24-0001	63	<input type="button" value="Add"/>

Figure 9

Manage Unit page is where users can manage units of Item by adding new units to items. Adding new units can be done by clicking a button in the action column.

## Add New Unit

Office Inventory    Change Password    Logout (superadmin)

Home / Add New Unit of Item

**Add New Unit of Item**

**Warehouse Name**

Select Warehouse

**Comment**

**Serial Number**

Figure 10

Users can add a new unit by filling in all the information on the fields shown in the forms. The warehouse field is where the unit will be placed or stored. The Comment field is where users can add additional information on the unit if necessary. The Serial number field is the serial number of the unit such as IMEI & Product Serial Number. This field can also be automatically generated by the system if the item does not come with a serial number from the manufacturer.

## Serial Number Auto-Generation Rule

Serial numbers are generated by using the SKU of the associated item. Then it is separated by “-” (dash) followed by serial numbers of the unit associated with the Item.

## Bulk Upload for Units

Office Inventory

Change Password Logout (superadmin)

[Home](#) / Add Unit in Bulk

### Add Unit in Bulk

[Download Template](#)

Choose File No file chosen

[Save](#)

Figure 11

This page is where users can add multiple units at once in bulk by using a template available and then uploading it to the system. After choosing the file, users can click on the save button to preview the uploaded data.

Office Inventory

Change Password Logout (superadmin)

### Preview Units to be Added

Serial Number will be rejected if an identical one is found

ID	Warehouse	Serial Number	Comment
5		PA24-0001-0070	SPAM PREVENTION TEST
6		PA24-0001-0071	SPAM PREVENTION TEST
5		PA24-0001-0072	SPAM PREVENTION TEST
6		PA24-0001-0073	SPAM PREVENTION TEST
5		PA24-0001-0074	SPAM PREVENTION TEST
6		PA24-0001-0075	SPAM PREVENTION TEST

[Confirm Save](#)

Figure 12

After checking everything in preview page, user can then confirm to save the data by clicking on ‘Confirm Save’ Button.

## Bulk Upload History

The screenshot shows the 'Bulk Upload History' page within the 'Office Inventory' application. The left sidebar contains navigation links for various inventory, lending, and administrative functions. The main content area displays a table of uploaded files, with a total of 40 items shown. Each row in the table includes the file name, upload date and time, the user who uploaded it, and a set of three small icons for download, view, and delete operations.

#	File Name	Date Time	Username	Action
1	bulk_unit613_1732757427.xlsx	09:30, 28 November, 2024	admin_en	
2	bulk_unit207_1732757517.xlsx	09:31, 28 November, 2024	admin_en	
3	bulk_unit127_1732757518.xlsx	09:31, 28 November, 2024	admin_en	
4	bulk_unit946_1732757518.xlsx	09:31, 28 November, 2024	admin_en	
5	bulk_unit873_1732757519.xlsx	09:31, 28 November, 2024	admin_en	
6	bulk_unit531_1732757520.xlsx	09:32, 28 November, 2024	admin_en	
7	bulk_unit121_1732757520.xlsx	09:32, 28 November, 2024	admin_en	
8	bulk_unit775_1732757521.xlsx	09:32, 28 November, 2024	admin_en	
9	bulk_unit573_1732757521.xlsx	09:32, 28 November, 2024	admin_en	
10	bulk_unit249_1732757522.xlsx	09:32, 28 November, 2024	admin_en	

Figure 13

In this page users can manage all the uploaded documents that were uploaded using the Bulk Add Unit feature. Here, users can dowload, view, and delete documents. Users can also delete large numbers of documents at once filtered by documents age.

# Unit Usage Log

The screenshot shows the 'Unit Usage Logs' page from an office inventory management system. The left sidebar contains navigation links for various inventory categories like Master Inventory, Item Category, Manage Unit, etc. The main content area has a search bar with fields for 'Enter serial number' and 'Enter log content', and date range filters for 'Log Date Start' and 'Log Date End'. A green button 'Export Log Data to xlsx' is visible. Below these, a table lists 20 log entries. The columns are '#', 'Serial Number', 'Log', and 'Date'. Each entry details a specific action taken on a unit, such as 'repaired', 'sent to repair', or 'returned'. The last column shows the timestamp of each log entry.

#	Serial Number	Log	Date
1	PA24-0002-0001	Unit PA24-0002-0001 repaired. Taken to warehouse by superadmin	02-12-2024, 14:30:52
2	PA24-0002-0001	Unit PA24-0002-0001 sent to repair by superadmin	02-12-2024, 14:30:42
3	PA24-0002-0001	Unit PA24-0002-0001 repaired. Taken to warehouse by superadmin	02-12-2024, 09:35:51
4	PA24-0002-0001	Unit PA24-0002-0001 sent to repair by superadmin	02-12-2024, 09:35:43
5	PA24-0001-0001	Unit PA24-0001-0001 returned by Johan, received by superadmin	02-12-2024, 09:32:04
6	PA24-0001-0001	Unit PA24-0001-0001 lent to Johan by superadmin	02-12-2024, 09:31:46
7	PA24-0001-0001	Unit PA24-0001-0001 updated by superadmin	29-11-2024, 16:35:39
8	PA24-0002-0001	Unit PA24-0002-0001 repaired. Taken to warehouse by superadmin	29-11-2024, 16:22:02
9	PA24-0002-0001	Unit PA24-0002-0001 sent to repair by superadmin	29-11-2024, 16:21:53
10	VD24-0003-0002	Unit VD24-0003-0002 returned by Manfred Albrecht Freiherr von Richthofen, received by superadmin	29-11-2024, 16:21:27
11	PA24-0002-0002	Unit PA24-0002-0002 lent to Johan by superadmin	29-11-2024, 16:21:07
12	PA24-0002-0065	New unit PA24-0002-0065 added by superadmin	29-11-2024, 16:20:09
13	PA24-0003-0001	Unit PA24-0003-0001 repaired. Taken to warehouse by superadmin	29-11-2024, 16:02:43
14	PA24-0003-0001	Unit PA24-0003-0001 sent to repair by superadmin	29-11-2024, 15:53:51
15	PA24-0001-0002	Unit PA24-0001-0002 lent to Emma by superadmin	29-11-2024, 15:52:07
16	PA24-0001-0001	Unit PA24-0001-0001 lent to Johan by superadmin	29-11-2024, 15:51:45
17	PA24-0003-0001	Unit PA24-0003-0001 repaired. Taken to warehouse by bobtheremainman	29-11-2024, 15:43:29
18	PA24-0003-0001	Unit PA24-0003-0001 repaired. Taken to warehouse by bobtheremainman	29-11-2024, 15:43:29
19	PA24-0003-0001	Unit PA24-0003-0001 repaired. Taken to warehouse by bobtheremainman	29-11-2024, 15:43:28
20	PA24-0003-0001	Unit PA24-0003-0001 repaired. Taken to warehouse by bobtheremainman	29-11-2024, 15:43:28

«1234»

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Figure 14

Unit usage log page is where users can view usage logs of all units. Users can filter the data by serial number, content of the log, and date range. Units' activity that will trigger a log to be generated included updating/editing data, lending out unit to employee, returning units to the warehouse, and repairing damaged units. Export data to xlsx is available if the user wants to export the log data into a spreadsheet with or without filter applied.

# Lending

## Lending

Lending				
Showing 1-17 of 17 items.				
#	Item Name	SKU	Available Unit	Action
1	Logitech Signature Slim Keyboard K950	PA24-0001	68	<button>Lend a Unit</button>
2	Logitech MX Anywhere 3S	PA24-0002	69	<button>Lend a Unit</button>
3	ThinkPad T14s Gen 4 (14" AMD)	PC24-0001	64	<button>Lend a Unit</button>
4	Generic Mousepad Small	PA24-0003	64	<button>Lend a Unit</button>
5	Sennheiser HD600	VD24-0001	64	<button>Lend a Unit</button>
6	Shure SM7B	VD24-0002	64	<button>Lend a Unit</button>
7	TC-Helicon GOXLR	VD24-0003	64	<button>Lend a Unit</button>
8	USB-C Hub Multi Dongle	PA24-0004	64	<button>Lend a Unit</button>
9	Macbook Air M3	PC24-0002	63	<button>Lend a Unit</button>
10	Sony A7 iv	VD24-0004	63	<button>Lend a Unit</button>
11	Test FlakPz Gepard	TC24-0001	63	<button>Lend a Unit</button>
12	Test Item 1	TC24-0002	70	<button>Lend a Unit</button>
13	Test G1	TC24-0003	63	<button>Lend a Unit</button>
14	Laptop Backpack M24	PU24-0001	63	<button>Lend a Unit</button>
15	Suffers Mk1	TC24-0004	63	<button>Lend a Unit</button>
16	Computer Desk Mk1 M2024	DK24-0001	63	<button>Lend a Unit</button>
17	SPAM TEST	TC24-0005	0	

Figure 15

In this page, user can lend out a unit to an employee. User can see how many units available for an item.

## Lend A Unit

Lending	
Select Unit Item	Select Available Unit
Select Employee	Select Employee
Unit Picture	<input type="file"/> No file chosen
<input type="button" value="Save"/>	

Figure 16

Users can lend out an available unit by selecting a unit in the Available Unit field. Users can select an employee to lend out unit to in ‘Select Employee’ field. Unit picture is for a photograph of the unit prior or at the time of the unit being lent out. Upon filling all the fields and uploading unit’s picture/photograph, user can save the data by clicking on ‘Save’ button.

## Lending List

#	Serial Number	Employee	Updated By	Comment	Date	Action
1	PC24-0002-0001	Johan	admin_en	new data after purge	28 November, 2024	Returns
2	VD24-0004-0001	Emma	admin_en	new data after purge	28 November, 2024	Returns
3	TC24-0001-0001	Emma	admin_en	new data after purge	28 November, 2024	Returns
4	TC24-0002-0001	Freddy	admin_en	new data after purge	28 November, 2024	Returns
5	TC24-0003-0001	Shiorin	admin_en	new data after purge	28 November, 2024	Returns
6	PU24-0001-0001	Manfred Albrecht Freiherr von Richthofen	admin_en	new data after purge	28 November, 2024	Returns
7	TC24-0004-0001	Freddy	admin_en	new data after purge	28 November, 2024	Returns
8	TC24-0004-0001	Freddy	admin_en	new data after purge	28 November, 2024	Returns
9	DK24-0001-0002	Emma	admin_en	new data after purge	28 November, 2024	Returns
10	PA24-0001-0001	Johan	superadmin	new data after purge	29 November, 2024	Returns
11	PA24-0001-0002	Emma	superadmin	new data after purge	29 November, 2024	Returns
12	PA24-0002-0002	Johan	superadmin	new data after purge	29 November, 2024	Returns

Figure 17

Users can manage all the lent out units on this page. Users can view the pictures of the unit, return a unit, and export data to xlsx with or without filter applied.

## Return Unit

The screenshot shows the 'Return Unit' page of the 'Office Inventory' application. At the top, there is a navigation bar with links for 'Change Password' and 'Logout (superadmin)'. On the left, a sidebar lists various inventory-related categories: Inventory, Master Inventory, Item Category, Manage Unit, Bulk Upload History, Unit Usage Log, Lending, Lending List, Lending History, Item Lending Report, Unit Lending Report, Damaged & In-Repair Unit, Repair Summary, Damaged Unit, Unit In-Repair, Repair Log, Edit Unit Data, and Warehouse. The main content area is titled 'Return Unit' and contains four input fields: 'Condition Name' (with value 'OK'), 'Warehouse Name' (with value 'JOG Condongcatur'), 'Comment' (with value 'new data after purge'), and 'Unit Picture' (with a 'Choose File' button and a note 'No file chosen'). A blue button at the bottom right is labeled 'Return Unit To Warehouse'.

Figure 18

Upon clicking on ‘Return’ button on Lending List page, unit will be directed to this page. User needs to fill out all the fields in the forms which are condition of the unit upon return, warehouse the unit will be returned to, comment as an additional information of the unit if necessary, and a photograph of the unit upon return. The default value of all the fields except the unit picture are latest saved data of the unit. After filling out the forms, the user can save the data by clicking on ‘Return Unit to Warehouse’.

# Lending History

Office Inventory		Lending History							
		Showing 1-20 of 21 items.							
		#	Serial Number	Employee	Updated By	Comment	Date	Status	View Image
Inventory	Lending	1	PC24-0002-0001	Johan	admin_en	new data after purge	28 November, 2024	In_Use	
	Lending List	2	VD24-0004-0001	Emma	admin_en	new data after purge	28 November, 2024	In_Use	
	Lending History	3	TC24-0001-0001	Emma	admin_en	new data after purge	28 November, 2024	In_Use	
	Item Lending Report	4	TC24-0002-0001	Freddy	admin_en	new data after purge	28 November, 2024	In_Use	
	Unit Lending Report	5	TC24-0003-0001	Shiorin	admin_en	new data after purge	28 November, 2024	In_Use	
	Damaged & In-Repair Unit	6	PU24-0001-0001	Manfred Albrecht Freiherr von Richthofen	admin_en	new data after purge	28 November, 2024	In_Use	
	Repair Summary	7	TC24-0004-0001	Freddy	admin_en	new data after purge	28 November, 2024	In_Use	
	Damaged Unit	8	TC24-0004-0001	Freddy	admin_en	new data after purge	28 November, 2024	In_Use	
	Unit In-Repair	9	DK24-0001-0002	Emma	admin_en	new data after purge	28 November, 2024	In_Use	
	Repair Log	10	PA24-0001-0001	Johan	superadmin	new data after purge	29 November, 2024	In_Use	
Edit Unit Data	Warehouse	11	PA24-0001-0002	Emma	superadmin	new data after purge	29 November, 2024	In_Use	
	Employee	12	PA24-0002-0002	Johan	superadmin	new data after purge	29 November, 2024	In_Use	
	Admin Menu	13	PA24-0001-0001	Johan	admin_en	new data after purge	28 November, 2024	Returned	
	Users	14	PA24-0002-0001	Emma	admin_en	SPAM PREVENTION TEST	28 November, 2024	Returned	
	Roles	15	PC24-0001-0001	Oleg	admin_en	rep sample	28 November, 2024	Returned	
	Permissions	16	PA24-0003-0001	Freddy	admin_en	rep sample aaa	28 November, 2024	Returned	
	Permission groups	17	VD24-0001-0001	Shiorin	admin_en	rep sample b	28 November, 2024	Returned	
	User Visit log	18	VD24-0002-0001	Mark	admin_en	rep sample d	28 November, 2024	Returned	
	Assign Warehouse Admin	19	VD24-0003-0002	Manfred Albrecht Freiherr von Richthofen	admin_en	SPAM PREVENTION TEST	29 November, 2024	Returned	
	User Options	20	PA24-0004-0001	Manfred Albrecht Freiherr von Richthofen	admin_en	new data after purge	28 November, 2024	Returned	

Figure 19

This page can show user the history of all Units of Item being lent out and returned. Users can view photographs of units at the time of being lent out and at return. Users can filter the data shown and export the data into xlsx spreadsheet.

# Item Lending Report

The screenshot shows the 'Item Lending Report' page. On the left is a sidebar with navigation links for Inventory, Master Inventory, Item Category, Manage Unit, Bulk Upload History, Unit Usage Log, and various reports like Lending List, Lending History, and Item Lending Report. The main content area has a breadcrumb trail: Home / Item Lending Report. Below it is a green button labeled 'Export Data to .xlsx'. A message says 'Showing 1-16 of 16 items.' A table follows with columns: #, Item Name, Sku, Total Item Lent, and Action (with a search icon). The table contains 16 rows of item data.

#	Item Name	Sku	Total Item Lent	Action
1	Logitech Signature Slim Keyboard K950	PA24-0001	2	
2	Suffers Mk1	TC24-0004	2	
3	Laptop Backpack M24	PU24-0001	1	
4	Test G1	TC24-0003	1	
5	Logitech MX Anywhere 3S	PA24-0002	1	
6	Test Item 1	TC24-0002	1	
7	Test FlakPz Gepard	TC24-0001	1	
8	Computer Desk Mk1 M2024	DK24-0001	1	
9	Sony A7 iv	VD24-0004	1	
10	Macbook Air M3	PC24-0002	1	
11	ThinkPad T14s Gen 4 (14" AMD)	PC24-0001	0	
12	USB-C Hub Multi Dongle	PA24-0004	0	
13	TC-Helicon GOXLR	VD24-0003	0	
14	Shure SM7B	VD24-0002	0	
15	Sennheisser HD600	VD24-0001	0	
16	Generic Mousepad Small	PA24-0003	0	

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Figure 20

This page shows users numbers of Unit of item being lent out or in-use. Data can be exported into xlsx spreadsheet. Users can view the details of the item being actively lent out by clicking on the view-finder button.

## Item Lending Detail Report

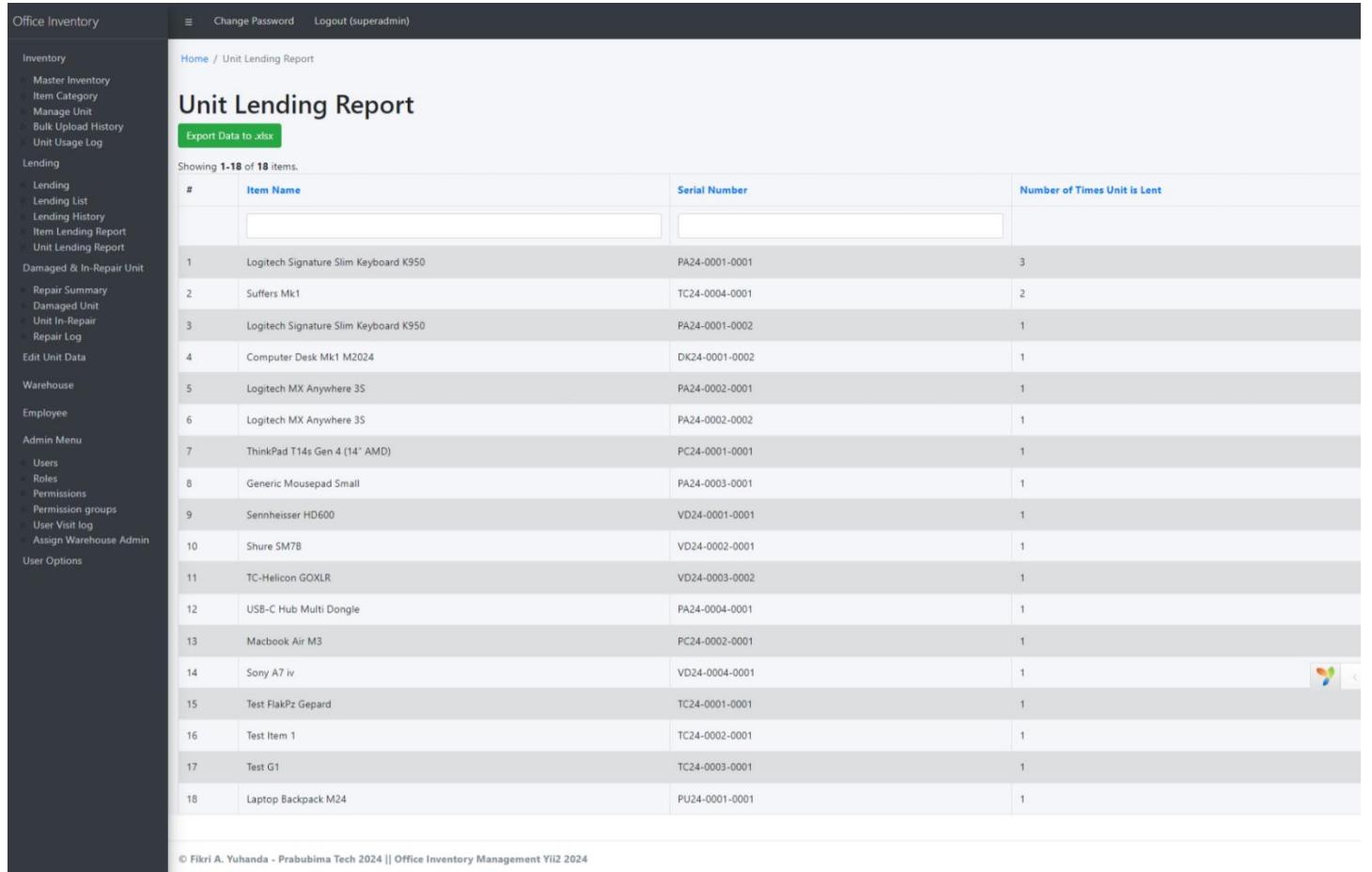
The screenshot shows the 'Lending History' page. It has a similar sidebar to Figure 20. The main content area has a breadcrumb trail: Home / Lending History. Below it is a green button labeled 'Export Data to .xlsx'. A message says 'Showing 1-2 of 2 items.' A table follows with columns: #, Serial Number, Employee, Updated By, Comment, Date, Status, and View Image. The table contains 2 rows of item data.

#	Serial Number	Employee	Updated By	Comment	Date	Status	View Image
1	PA24-0001-0001	Johan	superadmin	new data after purge	29 November, 2024	In Use	
2	PA24-0001-0002	Emma	superadmin	new data after purge	29 November, 2024	In Use	

Figure 21

User will be directed to lending history page with filter of the selected item applied. It will show items that are in use being lent out.

## Unit Lending Report



The screenshot shows a web-based inventory management system. On the left is a sidebar with navigation links for Inventory, Lending, Repair Summary, and Admin Menu. The main content area is titled "Unit Lending Report" and displays a table of 18 items. The table has columns for Item Name, Serial Number, and Number of Times Unit is Lent. The items listed include various computer peripherals and components, such as keyboards, mice, and headphones, along with a laptop backpack. The "Number of Times Unit is Lent" column shows counts ranging from 1 to 3.

#	Item Name	Serial Number	Number of Times Unit is Lent
1	Logitech Signature Slim Keyboard K950	PA24-0001-0001	3
2	Sufflers Mk1	TC24-0004-0001	2
3	Logitech Signature Slim Keyboard K950	PA24-0001-0002	1
4	Computer Desk Mk1 M2024	DK24-0001-0002	1
5	Logitech MX Anywhere 3S	PA24-0002-0001	1
6	Logitech MX Anywhere 3S	PA24-0002-0002	1
7	ThinkPad T14s Gen 4 (14' AMD)	PC24-0001-0001	1
8	Generic Mousepad Small	PA24-0003-0001	1
9	Sennheiser HD600	VD24-0001-0001	1
10	Shure SM7B	VD24-0002-0001	1
11	TC-Helicon GOXLR	VD24-0003-0002	1
12	USB-C Hub Multi Dongle	PA24-0004-0001	1
13	Macbook Air M3	PC24-0002-0001	1
14	Sony A7 iv	VD24-0004-0001	1
15	Test FlakPz Gepard	TC24-0001-0001	1
16	Test Item 1	TC24-0002-0001	1
17	Test G1	TC24-0003-0001	1
18	Laptop Backpack M24	PU24-0001-0001	1

Figure 22

This page shows users how many times particular units are being lent out. Users can export the data into xlsx spreadsheet by clicking on export button.

# Damaged & In-Repair Unit

## Repair Summary

The screenshot shows a web-based inventory management system. On the left is a sidebar with a dark background containing navigation links for various inventory categories like Inventory, Lending, Damaged & In-Repair Unit, and Admin Menu. The main content area has a light background. At the top, there are links for Change Password and Logout (superadmin). Below that, the title "Repair Logs Summary" is displayed, followed by a subtitle "Showing 1-12 of 12 items." A table follows, with columns for #, Year, Month, Repair Initiated, Repair Closed, and Action. The table data is as follows:

#	Year	Month	Repair Initiated	Repair Closed	Action
1	2024	December	2	2	
2	2024	November	18	18	
3	2024	October	4	4	
4	2024	September	4	4	
5	2024	August	4	4	
6	2024	July	4	5	
7	2024	June	4	3	
8	2024	May	4	5	
9	2024	April	4	3	
10	2024	March	4	4	
11	2024	February	4	4	
12	2024	January	4	4	

At the bottom of the page, there is a footer with the text "© Fikri A. Yuhanda - Prabubima Tech 2024 || Office Inventory Management Yii2 2024" and some small icons.

Figure 23

This page will show users the summary of all repairs done grouped by month of them being done. The Repair initiated column shows how many repairs are initiated within that month. The repair closed column shows how many repairs are finished or closed within that month. The Action column shows buttons in which user can view the details of the repair done and initiated within selected month.

## Repair Summary detail – selected month

**Repair Logs for November 2024**

**Repair Initiated**

#	serial_number	item_name	date
1	VD24-0003-0017	TC-Helicon GOXLR	11 November, 2024, 00:53
2	VD24-0002-0051	Shure SM7B	23 November, 2024, 11:44
3	VD24-0002-0001	Shure SM7B	29 November, 2024, 15:42
4	VD24-0002-0001	Shure SM7B	28 November, 2024, 09:53
5	VD24-0001-0001	Sennheisser HD600	28 November, 2024, 09:53
6	PC24-0001-0030	ThinkPad T14s Gen 4 (14" AMD)	16 November, 2024, 12:37
7	PC24-0001-0001	ThinkPad T14s Gen 4 (14" AMD)	28 November, 2024, 09:53
8	PA24-0004-0001	USB-C Hub Multi Dongle	28 November, 2024, 11:59
9	PA24-0003-0001	Generic Mousepad Small	29 November, 2024, 15:53
10	PA24-0003-0001	Generic Mousepad Small	29 November, 2024, 15:43
11	PA24-0003-0001	Generic Mousepad Small	29 November, 2024, 15:30
12	PA24-0003-0001	Generic Mousepad Small	28 November, 2024, 09:53

**Repair Closed**

#	serial_number	item_name	date
1	VD24-0003-0017	TC-Helicon GOXLR	November 13, 2024 11:03
2	VD24-0002-0051	Shure SM7B	November 25, 2024 11:44
3	VD24-0002-0001	Shure SM7B	November 29, 2024 15:42
4	VD24-0002-0001	Shure SM7B	November 29, 2024 15:38
5	VD24-0001-0001	Sennheisser HD600	November 29, 2024 15:37
6	PC24-0001-0030	ThinkPad T14s Gen 4 (14" AMD)	November 19, 2024 12:37
7	PC24-0001-0001	ThinkPad T14s Gen 4 (14" AMD)	November 28, 2024 09:53
8	PA24-0004-0001	USB-C Hub Multi Dongle	November 29, 2024 15:38
9	PA24-0003-0001	Generic Mousepad Small	November 29, 2024 16:02
10	PA24-0003-0001	Generic Mousepad Small	November 29, 2024 15:43
11	PA24-0003-0001	Generic Mousepad Small	November 29, 2024 15:37
12	PA24-0003-0001	Generic Mousepad Small	November 28, 2024 09:53

«12» «12»

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Figure 24

Users can view all the repair initiated and closed within a particular month separated into different grid view to help user differentiate them easier.

## Damaged Unit

The screenshot shows the 'Damaged Unit' page of an office inventory management system. On the left is a sidebar with navigation links for various inventory and administrative functions. The main content area displays a table titled 'Damaged Unit' with 6 items listed. Each item row contains columns for #, Condition, Serial Number, Status, Updated By, Warehouse, Comment, and Action (Repair button). The table includes dropdown filters for Condition, Status, and Warehouse.

#	Condition	Serial Number	Status	Updated By	Warehouse	Comment	Action
1	Light Damage	PA24-0002-0001	Available in warehouse	superadmin	BDG Office Wh	SPAM PREVENTION TEST	<button>Repair</button>
2	Light Damage	PC24-0001-0001	Available in warehouse	admin_en	JOG Condongcatur	rep sample	<button>Repair</button>
3	Light Damage	PA24-0003-0001	Available in warehouse	superadmin	BDG Office Wh	rep sample aaa	<button>Repair</button>
4	Light Damage	VD24-0001-0001	Available in warehouse	bobtheremirman	BDG Office Wh	rep sample b	<button>Repair</button>
5	Light Damage	VD24-0002-0001	Available in warehouse	bobtheremirman	BDG Office Wh	rep sample d	<button>Repair</button>
6	Light Damage	PA24-0004-0001	Available in warehouse	bobtheremirman	BDG Office Wh	new data after purge	<button>Repair</button>

Figure 25

Users can view all the damaged units that are in storage. Users can export the data shown with or without filter applied into xlsx spreadsheet. Users can send the unit to repair by clicking on ‘Repair’ button.

## Repair Unit

The screenshot shows the 'Send Unit To Repair' page. It features a sidebar with standard administrative links. The main area has a title 'Send Unit To Repair' and a sub-section 'Comment should be information about repair'. A text input field contains the placeholder 'rep sample'. At the bottom is a blue 'Send Unit To Repair' button.

Figure 26

Users can fill in about repair information into the comment field such as where it is being repaired, repair shop address, or person repairing said unit. After filling in the comment field users can save the data by clicking on ‘Send Unit to Repair’.

## Unit In-Repair

The screenshot shows a web-based inventory management system. On the left, a sidebar contains links for Inventory, Lending, Damaged & In-Repair Unit, Admin Menu, and Finish Repair. The main content area is titled "Unit In-Repair" and displays a table with two rows of data. The columns are labeled: #, Condition, Serial Number, Status, Updated By, Comment, and Action. The first row has a condition of "Light Damage" and serial numbers PC24-0001-0001 and VD24-0001-0001, both marked as "In-repair" by "superadmin" with comments "rep sample" and "rep sample b". The second row has the same information. A green "Export Data to .xlsx" button is located at the top left of the table. The bottom right corner of the page features a small logo.

Figure 27

This page shows the user all the units currently being repaired. Users can filter the data shown and export the data into xlsx spreadsheet. Users can click on ‘Finish Repair’ if the unit has been repaired and returned to the warehouse.

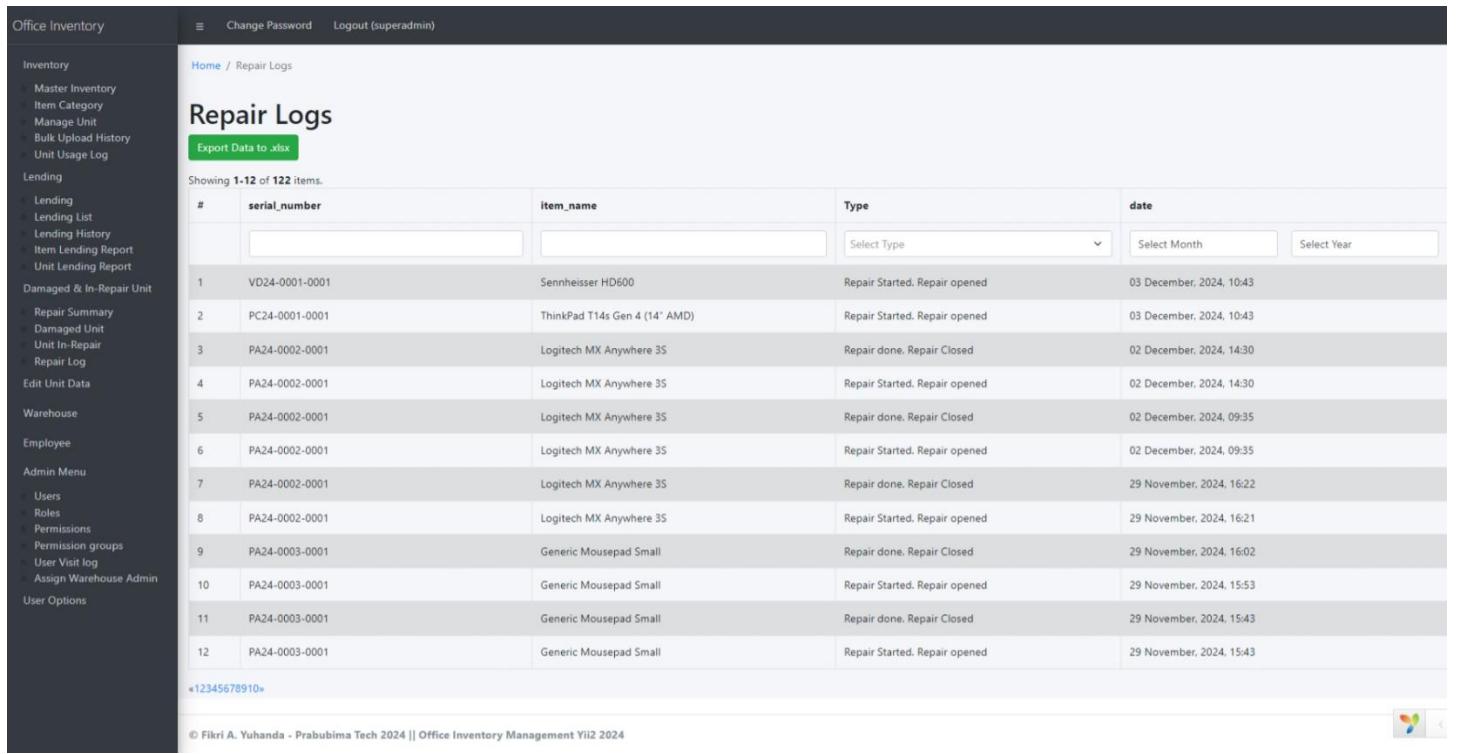
## Finish Repair

The screenshot shows a "Finish Repair" form for a unit with Serial Number PC24-0001-0001. The form fields include: Condition (set to "Light Damage"), Warehouse Name (set to "JOG Condongcatur"), and Comment (set to "rep sample"). A blue "Save" button is at the bottom. The sidebar on the left is identical to Figure 27.

Figure 28

Users need to fill out all the required fields in the forms. The Condition field is in what condition of the unit is in after repair. Condition can be OK, Light Damage, Moderate Damage, Major Damage, and Lost or Destroyed. The warehouse field is where the unit is being returned to. The comment field is where the user can add additional information if necessary. After filling out the forms, users can save the data by clicking on the save button.

## Repair Log



The screenshot shows the 'Repair Logs' page of an office inventory management system. The left sidebar contains navigation links for Inventory, Lending, Damaged & In-Repair Unit, Employee, Admin Menu, and User Options. The main content area displays a table titled 'Repair Logs' with 12 rows of data. The columns are labeled '#', 'serial\_number', 'item\_name', 'Type', and 'date'. The table shows various items like Sennheiser HD600, ThinkPad T14s Gen 4, and Logitech MX Anywhere 3S, with repair types ranging from 'Repair Started, Repair opened' to 'Repair done, Repair Closed'. A green 'Export Data to .xlsx' button is located above the table. The footer includes copyright information and a logo.

#	serial_number	item_name	Type	date
1	VD24-0001-0001	Sennheiser HD600	Repair Started, Repair opened	03 December, 2024, 10:43
2	PC24-0001-0001	ThinkPad T14s Gen 4 (14" AMD)	Repair Started, Repair opened	03 December, 2024, 10:43
3	PA24-0002-0001	Logitech MX Anywhere 3S	Repair done, Repair Closed	02 December, 2024, 14:30
4	PA24-0002-0001	Logitech MX Anywhere 3S	Repair Started, Repair opened	02 December, 2024, 14:30
5	PA24-0002-0001	Logitech MX Anywhere 3S	Repair done, Repair Closed	02 December, 2024, 09:35
6	PA24-0002-0001	Logitech MX Anywhere 3S	Repair Started, Repair opened	02 December, 2024, 09:35
7	PA24-0002-0001	Logitech MX Anywhere 3S	Repair done, Repair Closed	29 November, 2024, 16:22
8	PA24-0002-0001	Logitech MX Anywhere 3S	Repair Started, Repair opened	29 November, 2024, 16:21
9	PA24-0003-0001	Generic Mousepad Small	Repair done, Repair Closed	29 November, 2024, 16:02
10	PA24-0003-0001	Generic Mousepad Small	Repair Started, Repair opened	29 November, 2024, 15:53
11	PA24-0003-0001	Generic Mousepad Small	Repair done, Repair Closed	29 November, 2024, 15:43
12	PA24-0003-0001	Generic Mousepad Small	Repair Started, Repair opened	29 November, 2024, 15:43

Figure 29

This page shows all logs of the repairs that includes repair initiated and repair closed. Information shown are serial numbers, item name, type of log (repair initiated or repair closed), and date. User can export the data shown with filter applied into xlsx spreadsheet.

## Edit Unit Data

The screenshot shows the 'Search Data' page. At the top, there are navigation links: 'Change Password' and 'Logout (superadmin)'. Below that, the breadcrumb navigation shows 'Home / Item Units / Search Data'. The main title is 'Search Data'. A search input field is labeled 'Search Serial Number' with a placeholder 'PA24-0001-0001'. To the right of the input field is a blue 'Search' button. On the left side of the page, there is a sidebar with a dark background containing several menu items under categories: 'Inventory' (Master Inventory, Item Category, Manage Unit, Bulk Upload History, Unit Usage Log), 'Lending' (Lending, Lending List, Lending History, Item Lending Report, Unit Lending Report), 'Damaged & In-Repair Unit' (Repair Summary, Damaged Unit, Unit In-Repair, Repair Log), 'Edit Unit Data' (selected), 'Warehouse' (Warehouse), and 'Employee'.

Figure 30

This page is where user can search for a unit by using the serial number to be edited. After the user entered a valid serial number, user will be redirected to edit unit page.

The screenshot shows the 'Edit Unit Data' page. At the top, there are navigation links: 'Change Password' and 'Logout (superadmin)'. Below that, the breadcrumb navigation shows 'Home / Item Units / Edit Unit Data'. The main title is 'Edit Unit Data'. Above the form fields, it displays 'Serial Number : PA24-0001-0001'. The form fields include: 'Status' (Available in warehouse), 'Condition' (OK), 'Warehouse Name' (JOG Condongcatur), and 'Comment' (new data after purge). At the bottom of the form is a blue 'Save' button. On the left side of the page, there is a sidebar with a dark background containing several menu items under categories: 'Inventory' (Master Inventory, Item Category, Manage Unit, Bulk Upload History, Unit Usage Log), 'Lending' (Lending, Lending List, Lending History, Item Lending Report, Unit Lending Report), 'Damaged & In-Repair Unit' (Repair Summary, Damaged Unit, Unit In-Repair, Repair Log), 'Edit Unit Data' (selected), 'Warehouse' (Warehouse), 'Employee' (Employee), 'Admin Menu' (Users, Roles, Permissions, Permission groups, User Visit Log), and 'Office Inventory' (selected).

Figure 31

If an invalid serial number is inputted the user will be shown an error message

The screenshot shows a sidebar menu on the left with sections like Inventory, Lending, and Damaged & In-Repair Unit. The main content area has a breadcrumb navigation (Home / Item Units / Search Data) and a red error message: "Serial number cannot be found. Check if you mistyped it." Below this is a search form titled "Search Data" with a "Search Serial Number" input field and a "Search" button.

Figure 32

## Warehouse

The screenshot shows a sidebar menu on the left with sections like Inventory, Lending, and Damaged & In-Repair Unit. The main content area has a breadcrumb navigation (Home / Warehouses) and a title "Warehouses". It features a green "Add Warehouse" button and a table showing 9 items. The table columns are #, Id Warehouse, Warehouse Name, Warehouse Address, and Action. Each row contains a set of edit and delete icons. The data in the table is as follows:

#	Id Warehouse	Warehouse Name	Warehouse Address	Action
1	5	JOG Condongcatur	Jl Gk tau, Condongcatur, Sleman	<a href="#">Item In Warehouse</a>
2	6	Semarang Office	somewhere in semarang	<a href="#">Item In Warehouse</a>
3	7	JKT Headquarter	somewhere in Jaksel	<a href="#">Item In Warehouse</a>
4	8	Wonosobo Office Wh	somewhere in wonosobo	<a href="#">Item In Warehouse</a>
5	9	PWT Office Wh	somewhere in pwt	<a href="#">Item In Warehouse</a>
6	10	CLP Office Wh	somewhere in CLP	<a href="#">Item In Warehouse</a>
7	11	SRBY Office Wh	somewhere in surabaya	<a href="#">Item In Warehouse</a>
8	13	BDG Office Wh	somewhere in a bandung	<a href="#">Item In Warehouse</a>
9	15	SPAM PREVENTION TEST	SPAM PREVENTION TEST	<a href="#">Item In Warehouse</a>

Figure 33

This page is where the user can manage all the warehouse data in the system. Users can create new warehouse data, edit, delete, and view what items are stored inside. Warehouse data cannot be deleted if there are items stored inside the warehouse.

# Employee

The screenshot shows the 'Employees' page of the Office Inventory Management system. The left sidebar contains navigation links for Inventory, Lending, Damaged & In-Repair Unit, Edit Unit Data, Warehouse, Employee, Admin Menu, and User Options. The main content area displays a table titled 'Employees' with 8 items. The table columns are #, Employee Name, Phone, Email, Address, and Action. The data is as follows:

#	Employee Name	Phone	Email	Address	Action
1	Johan	08888888	ayymail@lmao.com	jalan jalan aj	
2	Emma	08121211212	emma@mail.com	a random street name	
3	Oleg	08080808	tumbal@mail.com	jalan gk tau	
4	Freddy	0821321321	freddy@mail.com	somewhere in a city	
5	Shiorin	081684316487	shiorin@ayymail.com	idk somewhere a	
6	Mark	080818123215	Mark@mail.com	idk somewhere in us continent	
7	Manfred Albrecht Freiherr von Richthofen	0812354612324	redbaronrulerofthesky@mail.com	somewhere in German	
8	SPAM PREVENTION TEST	SPAM PREVENTION TEST	SPAM PREVENTION TEST	SPAM PREVENTION TEST	

At the bottom left, there is a copyright notice: © Fikri A. Yuhanda - Prabubima Tech 2024 || Office Inventory Management Yii2 2024. At the bottom right, there is a small logo.

Figure 34

The user can manage employee's data that is stored in the system. Users can add new employees, edit, and delete employee data. Data cannot be deleted if an employee is still borrowing an item from the warehouse.

# Admin Menu

## Users

The screenshot shows the 'Users' section of the Admin Menu. On the left, there's a sidebar with various administrative links like Inventory, Lending, Repair Log, and Admin Menu. The main area has a breadcrumb navigation from Home to Users. It features a table titled 'Users' with columns for #, Superadmin, Username, E-mail, E-mail confirmed, Roles, Status, and actions. There are 12 items listed, each with a 'Roles and permissions' button, a 'Change password' button, and an 'Active' status indicator. At the bottom, there's a message 'Showing 1-12 of 12 items.', a 'With selected' dropdown, and an 'OK' button.

#	Superadmin	Username	E-mail	E-mail confirmed	Roles	Status	Actions
1	No	paul	paul@mail.com	Yes	Warehouse Admin	Active	
2	No	wilhelm	kaiser@mail.com	Yes	Warehouse Admin	Active	
3	No	ayylmao	ayylmao@mail.com	Yes	Warehouse Admin	Active	
4	Yes	admin_en	admin_en@mail.com	Yes	App Admin	Active	
5	No	hugh	hugh@mail.com	Yes	Maintenance & Repair Officer	Active	
6	No	manfred	redbaron@mail.com	Yes	App Admin	Active	
7	No	bogosbinted	bogosbinted@alien.com	Yes	rbac test	Active	
8	No	bobtherepairman	bobrepair@mail.com	Yes	Maintenance & Repair Officer	Active	
9	No	warehouse@mail.com	fred@mail.com	Yes	Warehouse Admin	Active	
10	No	franzferdinand	ferdinand@mail.com	Yes	Warehouse Admin	Active	
11	No	appadmin	bogosbinted@mail.com	Yes	App Admin	Active	
12	Yes	superadmin	super@mail.com	Yes	App Admin	Active	

Figure 35

This page is where super admin and app administrator can manage all user accounts. They can create, update, delete, assign roles to a user, change user's password.

# Roles

#	Description	Code	
1	rbac test	sandbag	<input type="checkbox"/>
2	Maintenance & Repair Officer	maintenance	<input type="checkbox"/>
3	App Admin	superadmin	<input type="checkbox"/>
4	Warehouse Admin	Admin	<input type="checkbox"/>

Showing 1-4 of 4 items.

Figure 36

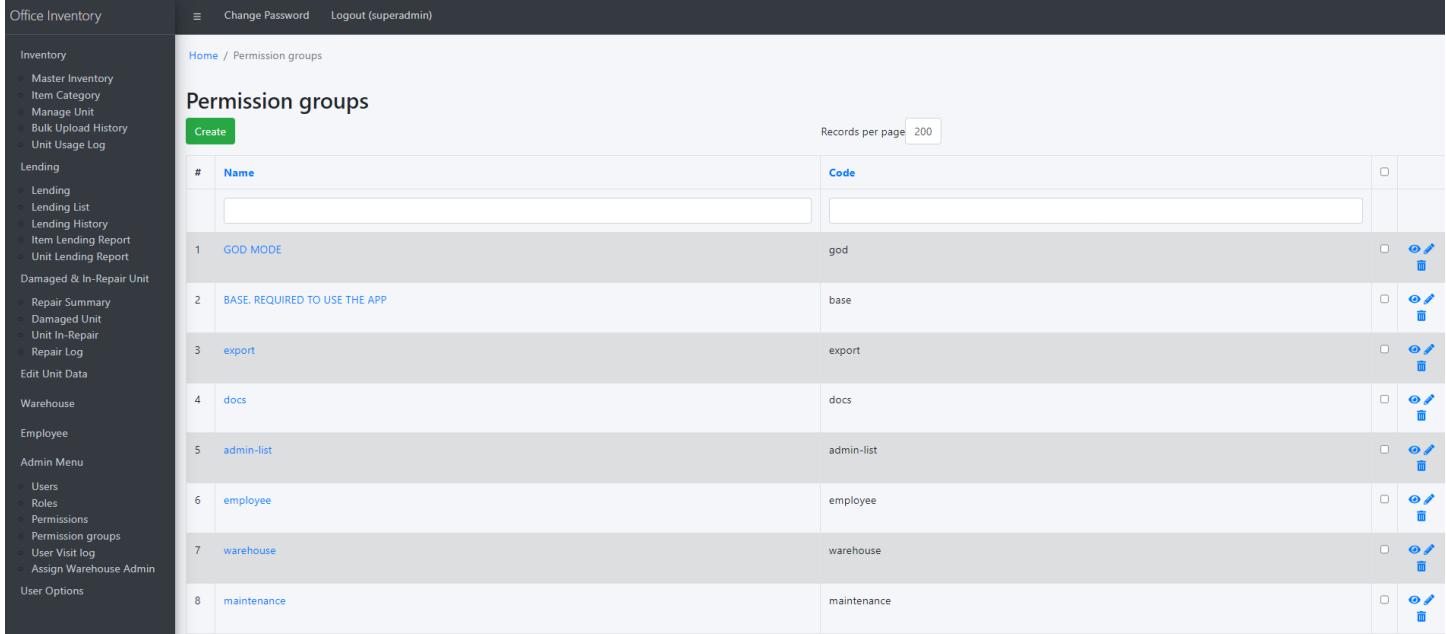
This page is where super admin can manage roles available to the system and role's permissions.

# Permissions

#	Description	Code	Group	
1	SPAM TEST	SPAM-TEST		<input type="checkbox"/>
2	repair-log	repair-log	maintenance	<input type="checkbox"/>
3	Assign Warehouse Admins To WH	assign-to-wh	User management	<input type="checkbox"/>
4	role-assign	role-assign	User management	<input type="checkbox"/>
5	documents-view-only	documents-view	inventory-master	<input type="checkbox"/>
6	repair-summary	repair-summary	maintenance	<input type="checkbox"/>
7	lending-history	lending-history	loaning	<input type="checkbox"/>
8	in-repair-view-only	in-repair-view-only	maintenance	<input type="checkbox"/>
9	damaged view only	damaged-view-only	maintenance	<input type="checkbox"/>
10	warehouse-view-only	warehouse-view-only	warehouse	<input type="checkbox"/>

Figure 37

This page is where super admin can manage permissions for the access of the system.  
**Permission groups**

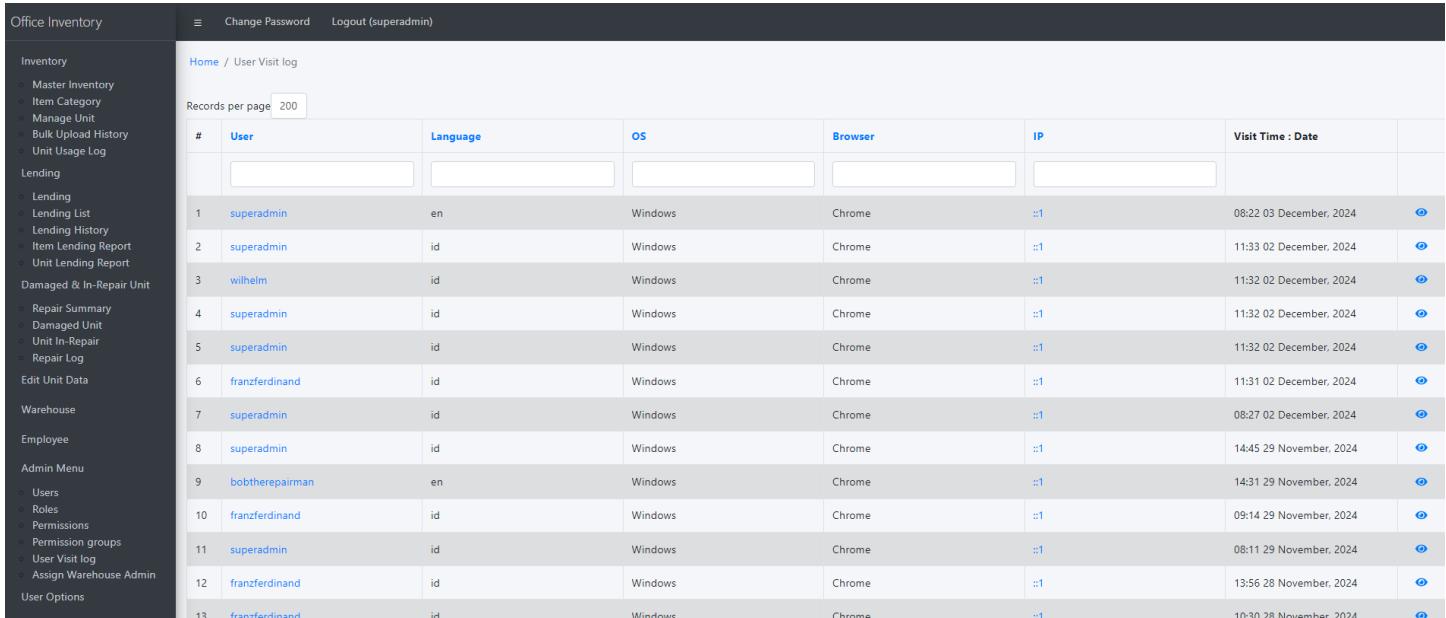


#	Name	Code	
1	GOD MODE	god	<input type="checkbox"/>
2	BASE: REQUIRED TO USE THE APP	base	<input type="checkbox"/>
3	export	export	<input type="checkbox"/>
4	docs	docs	<input type="checkbox"/>
5	admin-list	admin-list	<input type="checkbox"/>
6	employee	employee	<input type="checkbox"/>
7	warehouse	warehouse	<input type="checkbox"/>
8	maintenance	maintenance	<input type="checkbox"/>

Figure 38

Users can manage permissions group that later can be used to group the permissions.

## User Visit log



#	User	Language	OS	Browser	IP	Visit Time : Date
1	superadmin	en	Windows	Chrome	z1	08:22 03 December, 2024
2	superadmin	id	Windows	Chrome	z1	11:33 02 December, 2024
3	wilhelm	id	Windows	Chrome	z1	11:32 02 December, 2024
4	superadmin	id	Windows	Chrome	z1	11:32 02 December, 2024
5	superadmin	id	Windows	Chrome	z1	11:32 02 December, 2024
6	franzferdinand	id	Windows	Chrome	z1	11:31 02 December, 2024
7	superadmin	id	Windows	Chrome	z1	08:27 02 December, 2024
8	superadmin	id	Windows	Chrome	z1	14:45 29 November, 2024
9	bobtherepairman	en	Windows	Chrome	z1	14:31 29 November, 2024
10	franzferdinand	id	Windows	Chrome	z1	09:14 29 November, 2024
11	superadmin	id	Windows	Chrome	z1	08:11 29 November, 2024
12	franzferdinand	id	Windows	Chrome	z1	13:56 28 November, 2024
13	franzferdinand	id	Windows	Chrome	z1	10:30 28 November, 2024

Figure 39

This page shows all the log of users accessing the system.

## Assign Warehouse Admin

The screenshot shows a list of users assigned to warehouses. The columns are: #, Username, Warehouse, Id Warehouse, and Action. The users listed are:

#	Username	Warehouse	Id Warehouse	Action
1	franzferdinand	BDG Office Wh	13	<a href="#">Assign Admin To Warehouse</a>
2	warehouse@mail.com	JOG Condongcatur	5	<a href="#">Assign Admin To Warehouse</a>
3	ayylmao	PWT Office Wh	9	<a href="#">Assign Admin To Warehouse</a>
4	wilhelm	CLP Office Wh	10	<a href="#">Assign Admin To Warehouse</a>
5	paul	(Not Set)	(not set)	<a href="#">Assign Admin To Warehouse</a>

Figure 40

Users can assign warehouse admin to a specific warehouse. Warehouse admin's access is limited to a specified warehouse the account assigned to.

## User Options

The screenshot shows the 'User Options' page with a 'Language' section. The current language is set to 'English'. A 'Save' button is visible below the language selection.

Figure 41

Users can change the language in UI into their preferred language.

# Technical Documentation

## User Roles

Currently there are 4 Roles in Office Inventory Management Web App: Super Admin, App Admin, Warehouse Admin, Maintenance & Repair Officer.

### Super Admin

Super Admin has unlimited access to all accessible pages in the app.

### App Admin

App admin has access to all accessible pages except roles, permissions, and permissions group page.

### Warehouse Admin

Warehouse admin access is limited to the warehouse it is assigned to. Except for returning units all the units shown are only when they are in its assigned warehouse. Details of access can be found below:

1. Inventory
  - 1.1. Master Inventory = view, create, update, export
  - 1.2. Item Category = view, create, update
  - 1.3. Manage Unit = view, create, update
  - 1.4. Bulk Upload History = view, download, delete
  - 1.5. Unit Usage Log = view, export
2. Lending
  - 2.1. Lending = view, create
  - 2.2. Lending List = view, export, return unit
  - 2.3. Lending History = view, export
  - 2.4. Item Lending Report = view, export, view detail
  - 2.5. Unit Lending Report = view, export
3. Damaged & In-Repair Unit
  - 3.1. Repair Summary = view, view detail, export detail
  - 3.2. Damaged Unit = view, export, send to repair
  - 3.3. Repair Log = view, export
4. Edit Unit Data = view, edit
5. Warehouse = view
6. Employee = view
7. User Options = change own ui language

## Maintenance & Repair Officer

The maintenance & repair officer mainly works on maintaining and repairing items in warehouses.

Details of access can be found below:

1. Inventory
  - 1.1. Master Inventory = view, export
  - 1.2. Item Category = view
  - 1.3. Unit Usage Log = view, export
2. Damaged & In-Repair Unit
  - 2.1. Repair Summary = view, detail, export detail
  - 2.2. Damaged Unit = view, export, send to repair
  - 2.3. Unit In-Repair = view, export, finish repair
  - 2.4. Repair Log = view, export
3. Warehouse = view
4. User Options = view

## Role Based Access Control

This app uses webvimark user management module for RBAC, please refer to [webvimark/user-management](#) for further information and documentation. Please do not make changes to the /vendor/webvimark/ without deep understanding of it as some parts of the code have been changed to fit the specification of this project.

## UI Language Translation

This app uses MyMemory Translation API for multiple languages support. Please refer to [About MyMemory - A collaborative language resource](#) for further information and documentation. Email for the API should be filled out in /components/MyMemoryService.php. API key should be filled in config/params.php 'mymemoryApiKey' => '#YOUR\_API\_KEY\_HERE'.

## Database Structure

Please refer to db in your dbms and pay attention to comments for more details.