

SMA Guide

Documentation for Stock Manager Advance

Check your stock information, make purchases and view sales data from anywhere whether in the office, at home, in the warehouse, or on the go.

[User guide](#)[Installation](#)

Business Manager

SMA is a powerful business management software that combines Point of Sale (POS), Stock Management, Inventory Management, CRM, and E-Commerce Store features into one seamless web application.

Point of Sale Module

Simple and easy to use design with registers, virtual keyboard, hold/suspend sales and display customer screen option. Quick Cash buttons and Accept payment with PayPal Pro, Stripe and Authrise.net

Shop (eCommerce) Module

Simple & Responsive Shop Design with light and dark modes & easy settings along with pages, coupons, shipping methods to manage shop, private shop option to disable cart to use it as catalog.

Getting Ready

Thank you for purchasing the Stock Manager Advance

We would like to thank everyone who has contributed to this item, including the beta testers, technical reviewers, friends & you.

Rate the *Item* after use

Please don't forget to rate the item on download page of codecanyon.net and send us your valued feedback by posting comment on item page, asking questions or requesting features at [support portal](#) ↗

Free Support for 6 Months

Each purchase comes with free support for 6 months.

If you have purchased from Envato marketplace then please validate your purchase code at support portal to add item to your supported list. Once validated, the you should be able to ask questions for your supported items.

Tickets (Paid Support)

Please don't get confused with tickets. Tickets are only to request extra support that is not covered in standard support, like requesting installation/update service.

No Emails Please!

We don't offer email support, so please ask support questions at [support portal](#) ↗.

Installation Requirements

PHP 8.3+

Version 4 requires php8.3+

MySQL 8+ or MariaDB 10.5+

Version 4 requires your database server with json support

Server Recommendation

We recommend using the application on VPS (**Min. 2GB Ram**) from any Cloud VPS Provider

1. [Hetzner](#) ↗ Get €20 in cloud credits
2. [DigitalOcean](#) ↗ Spend \$25 to gets \$200 in credit over 60 days
3. [Vultr](#) ↗ Receive \$300 to test
4. AWS

Hetzner is known for offering Virtual Private Servers (VPSs) at lower prices.

** The above links are affiliate links with offers from the providers.*

Things to get ready before installation

1. **Purchase Verification:** Download license and save your purchase code
2. **Database Server Details:** Create database along with user and assign all the privileges to user for the database

Installation steps

Please start installation by following these steps

1. Please upload ***all the files & folders*** to your server.
2. You can access the installer by adding `/install` at the end of your domain.

`install` is not a *folder* but route.

Root path

Please set the root path of domain/subdomain to `public` folder in your uploaded files and for subfolder, you need to redirect all traffic to `public` folder and don't allow web access to the folder in which you have uploaded files.

```
# Installer URL
https://yourdomain.com/install
https://yourdomain.com/subfolder/install
https://subdomain.yourdomain.com/install
```

sh

3. Please prepare these details (*installation step 1*)
4. Installer checks for php extensions required along with write-able directories.

If it shows any errors, please fix them by installing/enabling the extension or setting the correct permission on directories then try again.

5. Please provide the details of your purchase, database, and user account (*installation step 3*).

For purchase verification, the username is Envato username that you use to login to codecanyon.net and themeforest.net The purchase code is in your license file, please download the license to get purchase code.

If you get server error, please check the Laravel logs in the `storage/logs/` folder and if you don't understand the error, please ask question at support portal with error details.

Please don't share any private data in questions, if you need to share any private data then you should ask question then add private reply with confidential information.

6. Complete the installation by pressing the ***Finalize*** button.

Didn't understand any step?

If you need further assistance, please validate your purchase code at [support portal](#) ↗ and ask question there.

After Installation

Please add the following and start using the beta version

1. Account
2. Store
3. Taxes
4. Settings (app, mail, payment, scale barcode)
5. Brands, Categories, Units and Products

Installation on cPanel

Please follow the following steps

Where we want it

1. Main Domain <https://yourdomain.com>

Disable access to subfolder

please make sure that no one can access `/public_html` from your main domain, only `/public_html/public` should be accessible.

You can do this by editing your web server config or use the symbolic link.

For symbolic link, delete the `public_html` folder and upload file to some other folder. Connect via SSH or access cPanel Terminal to create symbolic link

```
cd /home/cpaneluser
ln -s /home/cpaneluser/uploadedfile/public /home/cpaneluser/public_html
```

sh

This command creates a symbolic link named `public_html` that points to your Laravel project's public directory.

2. Subdirectory/Subfolder <https://yourdomain.com/subfolder>

Disable access to subfolder

please make sure that no one can access `/subfolder` from your main domain, only `/subfolder/public` should be accessible.

You can do this by editing your web server config or use the symbolic link.

For symbolic link, delete the `public_html` folder and upload file to some other folder. Connect via SSH or access cPanel Terminal to create symbolic link

```
cd /home/cpaneluser/subfolder
ln -s /home/cpaneluser/uploadedfile/public /home/cpaneluser/public_html/subfolder
```

sh

This command creates a symbolic link named `public_html` that points to your Laravel project's public directory.

3. Subdomain <https://subdomain.yourdomain.com>

Root Path

Please set the subdomain root path to `public` folder like,
`/home/cpaneluser/sma4.tec.sh/public` ⇒ **Good** nothing to worry

OR

/home/cpaneluser/public_html/sma4.tec.sh/public ⇒ *please make sure that no one can access* <http://yourdomain.com/sma4.tec.sh/>

No SSH or Terminal?

For creating symbolic link for public_html and subfolder installation

If you don't have access to SSH or Terminal then you can create Symbolic Link via PHP Script:

- Create a new PHP file (e.g., createsymlink.php) in your uploaded folder.
- Add the following code to the file:

```
<?php
$targetFolder = '/home/cpaneluser/uploadedfile/public';
$linkFolder = '/home/cpaneluser/public_html';

if (file_exists($linkFolder)) {
    unlink($linkFolder); // Remove existing public_html if it's a file or empty
}

if (symlink($targetFolder, $linkFolder)) {
    echo 'Symbolic link created successfully.';
} else {
    echo 'Error while creating symbolic link.';
}
?>
```

php

Upload Files

1. Login to your cPanel and click **File Manager**
2. Select `public_html` folder and click **Upload**
3. Select the SMA download file and click **Select File**
4. Once uploaded, go back to `public_html` folder
5. Right click on uploaded zip and **Extract**
6. If it's extracted in the folder then go to that folder
7. Select all files and **Move to** `public_html`

Create Database and User

1. From the cPanel Home and click **MySQL Database** in Databases section
2. Add new database

3. Add new user and note the password
4. Add user to database → Select database and users and click **Add**
5. Verify the database and user then select **All Privileges** and click **Make Changes**

Access installer in browser

1. You can access the installer by adding `/install` at the end of your domain.

`install` is not a *folder* but route.

```
# Installer URL
Domain: https://yourdomain.com/install
Subfolder: https://yourdomain.com/subfolder/install
Subdomain: https://subdomain.yourdomain.com/install
```

sh

If you can't access the installer then there is something wrong with path or there are some error causing this. Please double check the upload. If that is okay then check the if there is any error logged in the `storage/logs/` folder.

If SSL enabled and not configured correctly that could result in redirect error too.

2. Get your license file as purchase verification, we already have database details (*installation step 1*)
3. Installer checks for php extensions required along with write-able directories.

If it shows any errors, please fix them by installing/enabling the extension or setting the correct permission on directories then try again.

4. Please provide the details of your purchase, database, and user account (*installation step 3*).


For purchase verification, the username is Envato username that you use to login to codecanyon.net and themeforest.net The purchase code is in your license file, please download the license to get purchase code.

If you get server error, please check the Laravel logs in the `storage/logs/` folder and if you don't understand the error, please ask question at support portal with error details.

Please don't share any private data in questions, if you need to share any private data then you should ask question then add private reply with confidential information.

5. Complete the installation by pressing the **Finalize** button.

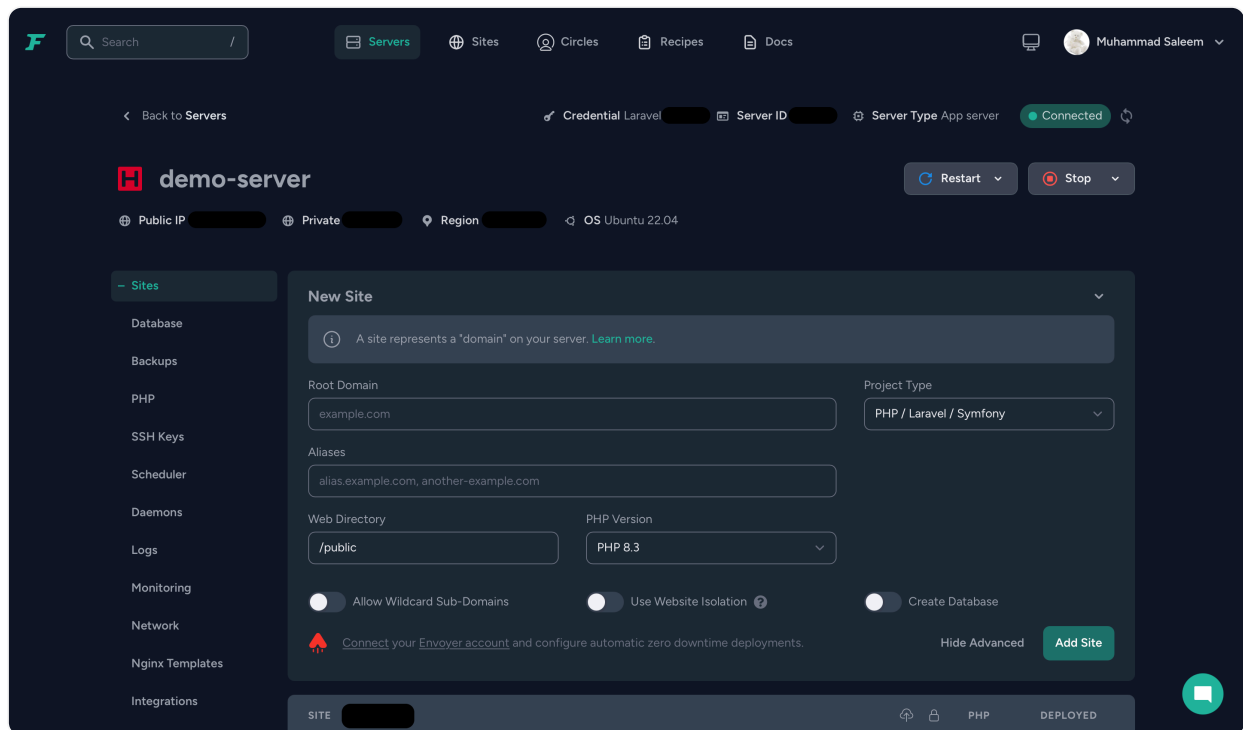
Didn't understand any step?

If you need further assistance, please validate your purchase code at [support portal](#)  and ask question there.

Installation on VPS using Laravel Forge

There are quite many services available to manage Servers (VPSs) like, Laravel Forge, [Ploi.io](https://ploi.io) ↗, Cloudways and RunCloud etc.

Add Site



Please add site to your server then link git repo or upload the files manually.

Git repo error

If you get error while installing git repo, please disable the composer install command then try again.

Deployment Script

All server management solution has option for deployment script, here is Laravel Forge example code.

```
cd /home/forge/sma4.tec.sh

# Using git repo,
# if not, manually upload latest files and remove line bellow
git pull origin $FORGE_SITE_BRANCH

# Install dependencies and build app
```

sh

```

pnpm i
pnpm run build

# Install packages
$FORGE_COMPOSER install --no-interaction --prefer-dist --optimize-autoloader

# Prevent concurrent php-fpm reloads...
touch /tmp/fpmlock 2>/dev/null || true
( flock -w 10 9 || exit 1
    echo 'Reloading PHP FPM...'; sudo -S service $FORGE_PHP_FPM reload ) 9</tmp

# Run migration and optimize:clear commands
if [ -f artisan ]; then
    $FORGE_PHP artisan migrate --force
    $FORGE_PHP artisan optimize:clear
fi

# Inertia SSR reload when you enable it from site application
$FORGE_PHP artisan inertia:stop-ssr

echo "Deployed!"

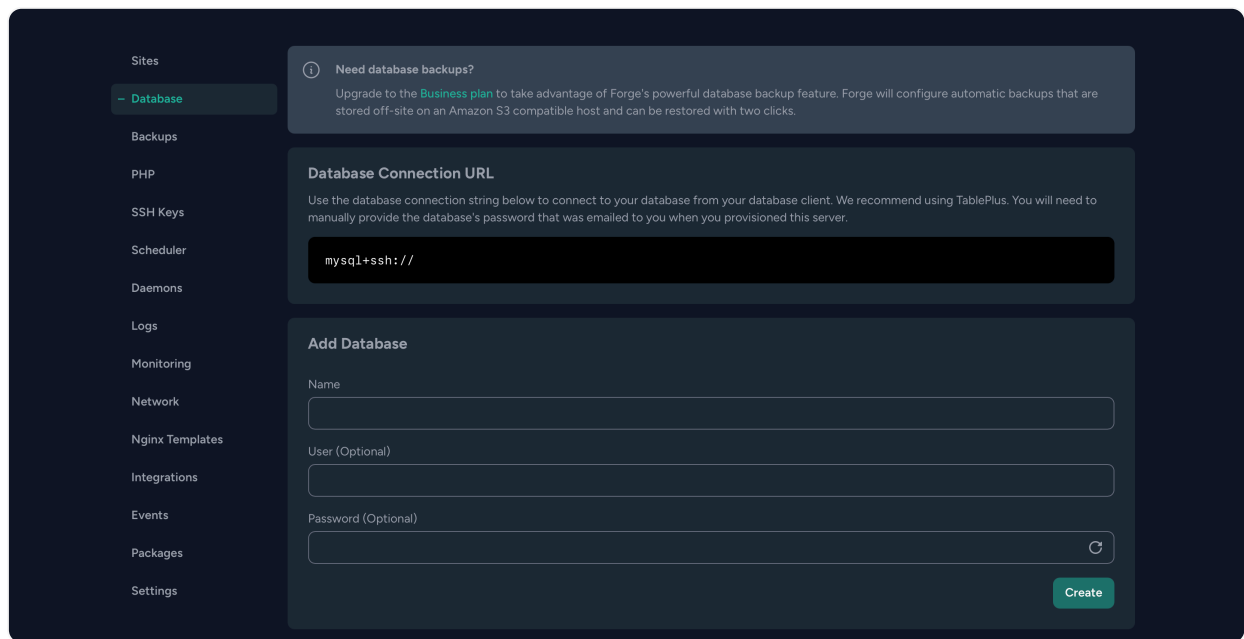
```

Queue and SSL

You should install and enable SSL (almost all offer free SSL with LetsEncrypt) for you site and add Queue worker for redis (remember to update `QUEUE_CONNECTION=redis` in Site Environment/.env)

Create Database

Please create database and user then assign all privileges to the user on the database.



Access installer in browser

1. You can access the installer by adding `/install` at the end of your domain.

`install` is not a *folder* but route.

```
# Installer URL
https://yourdomain.com/install
```

sh

If you can't access the installer then please check error logs in the `storage/logs/` folder.
If SSL enabled and not configured correctly that could result in redirect error too.

2. Get your license file as purchase verification, we already have database details
(*installation step 1*)

3. Installer checks for php extensions required along with write-able directories.

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5. Complete the installation by pressing the **Finalize** button.

Didn't understand any step?

If you need further assistance, please validate your purchase code at [support portal](#) ↗ and ask question there.

Update Guide

Can't update v3 to v4

We are sorry but the version 4 is not completable with version 3, so please install version 4 and import the products, customers, and update settings to use the new version.

Update v4 to the latest release

Backup First!

Please backup your database, `.env` file, `public/asset` and `storage/app` folders.

1. Upload the *latest files & folders* to replace the old ones.
2. Run the *migration command*

```
# cd /path/to/uploaded/folder
php artisan migrate --force
```

sh

Info!

If you get the output `INFO Nothing to migrate.` then you are fine as there is no database change made in the current update.

3. Restore the `.env`, `public/asset` and `storage/app` folders.

Didn't understand any step?

If you need further assistance, please validate your purchase code at [support portal](#) ↗ and ask question there.

Hardware

We have developed and test the application with following hardware.

Receipt Printers

We have tested the application with Bixolon SRP-350II (USB) and Xprinter XP-Q200II (LAN Interface).

Compatibility: Interfaces and operating systems

The package used is known to work with the following OS/interface combinations:

	Linux	Mac	Windows
Ethernet	Yes	Yes	Yes
USB	Yes	Not tested	Yes
USB-serial	Yes	Yes	Yes
Serial	Yes	Yes	Yes
Parallel	Yes	Not tested	Yes
SMB shared	Yes	No	Yes
CUPS hosted	Yes	Yes	No

SMA has 2 printing options

1. Print using Browser (most printer support this printing option)
2. Print using POS Print Server (for Raw prints with out browser dialog)

Bixolon printers will work fine however you might need to change some commands for other printers. Please be informed that we can't provide support regarding any issues. You will need to manage it by yourself.

Barcode Scanners/Readers

Any of the barcode scanners/readers will work fine if it can read accurately.

Magnetic Card Readers

Most of the Magnetic Card Readers will work fine. We have tested this with Uniform MSR213 Magnetic Stripe Card Reader (USB - 3 Track Reader).

Cash Drawers

You should buy the cash drawers that can be connected to pos printer. To use cash drawers, your printer should have the port to connect cash drawer as Bixolon SRP350II and Xprinter XP-Q200II.

For Browser Print, you might need to set your printer to open cash drawer before printing. For Others, it will be fine as cash drawer will be opened with printing and can be opened without printing.

For barcode and label printing

Any desktop laser printer will work fine for barcode printing. The continuous feed should work with label printer but the design is very simple. If you need, you can customize template as you like or hire any developer to help you get desired results.

User Guide

Dashboard

Stock Manager Advance dashboard has overview for the sales, purchases, payments and expense. The top with total value for all times, last 7 days, last 30 days and last 60 days. All show spark line chart except all times.

The chart display sales, purchases, payments and expense accordingly grouped by day (monthly) or month (yearly). These are graphical representation for detailed view please refer to reports.

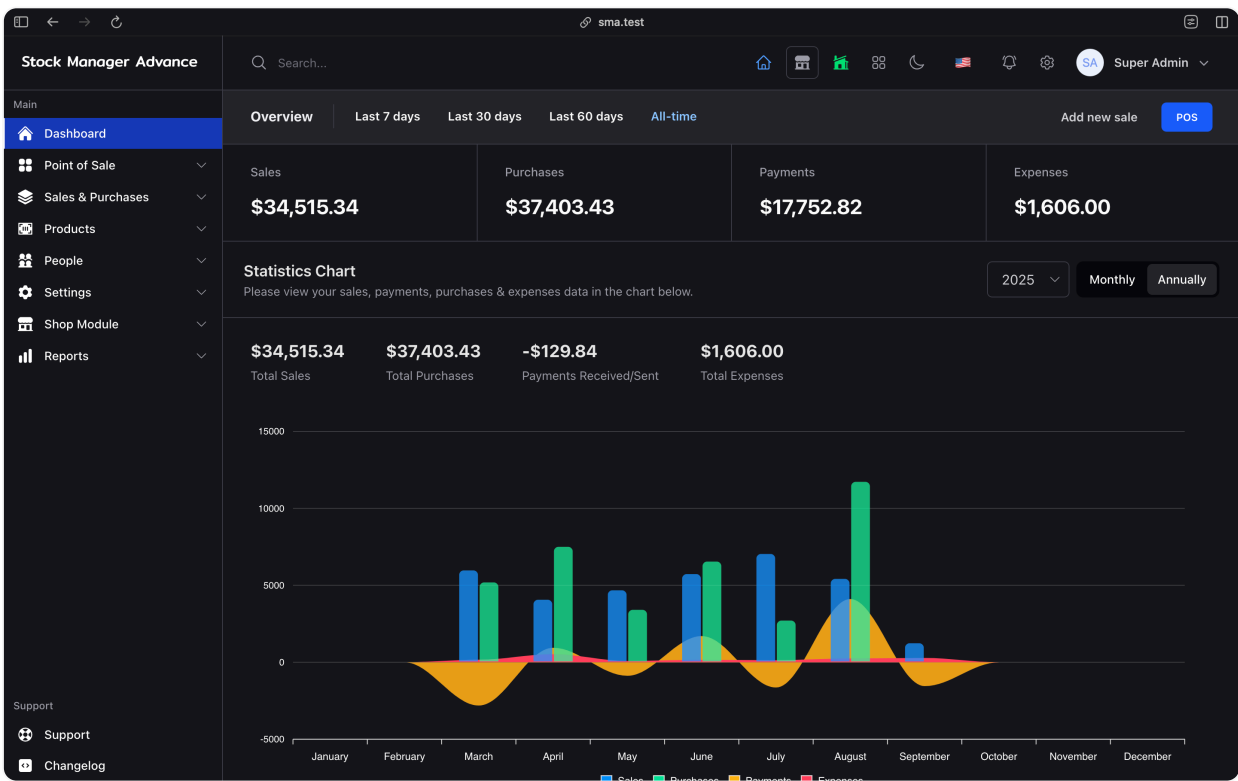


Table design

You can search the table with search input at the top bar, The table column heading are clickable to sort the column. First click will sort the column ascending and clicking again will sort in descending order.

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Application Alerts

To open application alerts, please click the bell icon in the top bar. It displays unpaid sales and purchases along with low stock alerts.

Invoice Templates

At the moment only one view is available. We will add more invoice templates in future.

Soft Deletes

SMA marks the records as trashed on delete. If you want to permanently delete, please click the filter icon (funnel) at the top right and select **Only Trashed** to list the trashed records and delete them again.

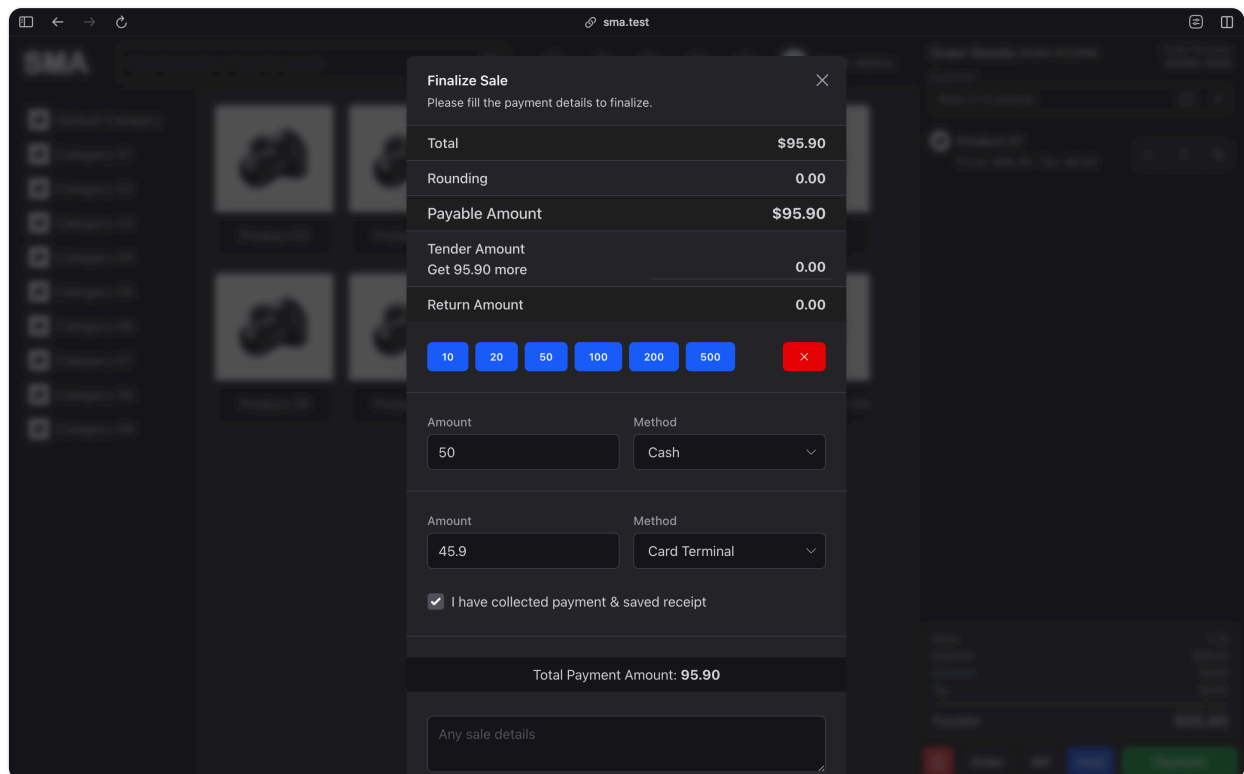
Point of Sale

Point of Sale (POS) has Simple and Modern designs, you can choose it in the POS Settings. Both offer the same functionality with different design. POS has registers, virtual keyboard (soon), hold/suspend orders, customer screen to display order details to customers and quick cash buttons.

The top bar has search products/scan barcode input with sell gift card button, Customer View (table icon), Sales, Cash Register, Open Orders, POS Settings and User menus.

Multiple Payment

POS can accept multiple payments. If the amount is less then payable then the modal will display [Add Another Payment](#) button. Once the total amount is equal to payable the button will hide.

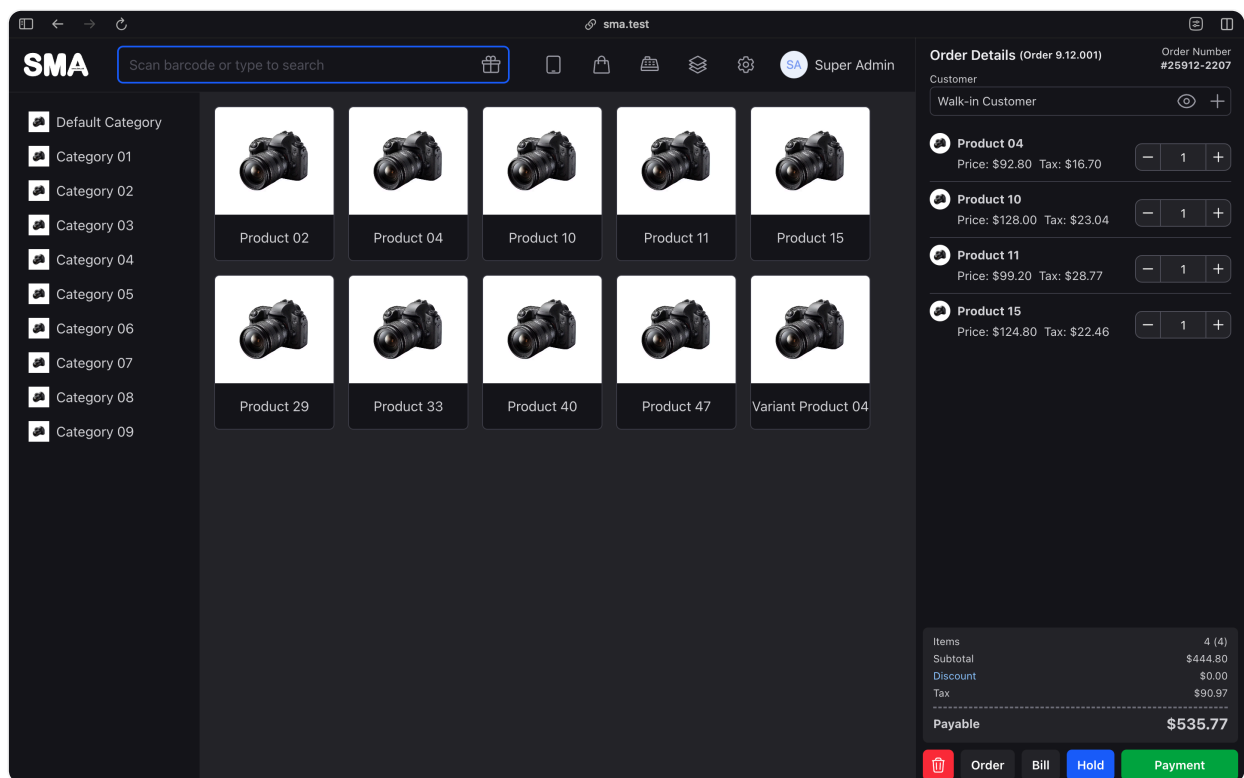


The screenshot shows a 'Finalize Sale' modal window in a dark-themed POS application. The modal contains the following elements:

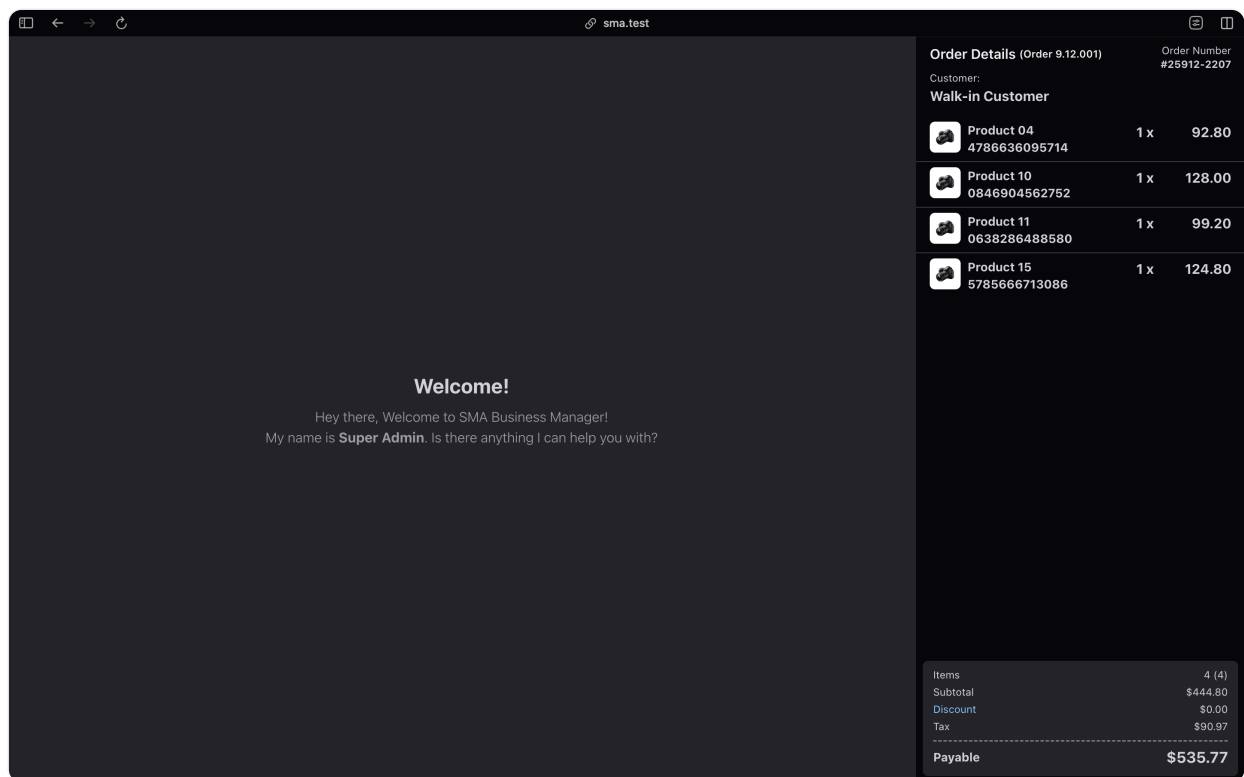
- Header:** 'Finalize Sale' with a close button (X) and a subtitle 'Please fill the payment details to finalize.'
- Summary Table:**

Total	\$95.90
Rounding	0.00
Payable Amount	\$95.90
Tender Amount	0.00
Get 95.90 more	
Return Amount	0.00
- Quick Payment Buttons:** A row of blue buttons for 10, 20, 50, 100, 200, and 500, followed by a red button with a white X.
- Payment Entry Section:**
 - First entry: Amount '50', Method 'Cash' (dropdown).
 - Second entry: Amount '45.9', Method 'Card Terminal' (dropdown).
- Confirmation:** A checked checkbox with the text 'I have collected payment & saved receipt'.
- Total:** A bar indicating 'Total Payment Amount: 95.90'.
- Footer:** A text input field labeled 'Any sale details'.

Simple Design



Customer View



Modern Design

Categories

Scan Barcode or Search

Products

Product 02

Product 04

Product 10

Product 11

Product 15

Product 29

Product 33

Product 40

Product 47

Variant Product 04

Order Details (Order 9.12.001)

Order Number #25912-2207

Walk-in Customer

Product 04

Price: \$92.80 Tax: \$16.70

-

1

+

Product 10

Price: \$128.00 Tax: \$23.04

-

1

+

Product 11

Price: \$99.20 Tax: \$28.77

-

1

+

Product 15

Price: \$124.80 Tax: \$22.46

-

1

+

Items 4 (4)

Subtotal \$444.80

Discount \$0.00

Tax \$90.97

Payable \$535.77

Order

Bill

Hold

Payment

Sales & Purchases

Sales (Invoices) to manage the sales and payments received. Add sale will automatically decrease the product quantity from the store. If your product has variants that will be synchronized.

Purchases (Inventories/Purchase Orders) to manage the incoming stock. Add purchase will automatically increase the product quantity in the store. If your product has variants that will be synchronized.

List Sales (listing page)

List sales table is sortable by column headings (default sorting is latest records first). Each row has actions column to email, add delivery, edit and delete record. To view packaging list, please click the row to view and packaging (archive icon). The table row will have green background if paid, yellow if due and theme color for non-paid and non-due (pending) sales.

Add payment

The total column for pending and due sale is action button to add payment.

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Super Admin ▾

Stock Manager Advance

Main

Dashboard

Point of Sale ▾

Sales & Purchases ▴

List All Sales

Add New Sale

List All Purchases

Add New Purchase

Payments

Deliveries

Quotations

Expenses

Gift Cards

Return Orders

Products ▾

People ▾

Settings ▾

Shop Module ▾

Reports ▾

Support

Sales

Please review the data below

ADD SALE

Date	Reference	Customer	Items	Tax	Total	Due Date	Created by	
Sep 6, 2025	01k4g1msbqzahr6yr1yaqr2f04	Super Admin	1 (1)	\$0.00	\$104.00		Super Admin	✉ 📄 ✎ 🗑
Sep 6, 2025	01k4g197n0zmeqs911wz5nwbcba	Super Admin	1 (1)	\$0.00	\$102.40		Super Admin	✉ 📄 ✎ 🗑
Sep 6, 2025	01k4fsh0f7t1jzc0sg7hwkk4mp	Super Admin	1 (1)	\$0.00	\$140.80		Super Admin	✉ 📄 ✎ 🗑
Sep 6, 2025	01k4ft1rhbca6vsqtdkn74nx3	Super Admin	1 (1)	\$25.64	\$176.04		Super Admin	✉ 📄 ✎ 🗑
Sep 6, 2025	01k4fp949ag302h3bz95yb3ycn	Super Admin	1 (1)	\$0.00	\$104.00		Super Admin	✉ 📄 ✎ 🗑
Sep 5, 2025	01k4dbz8p0wtbf3jkqz18rjd5	Super Admin	2 (2)	\$22.53	\$235.33		Super Admin	✉ 📄 ✎ 🗑
Sep 5, 2025	01k4dbq2zpqhvh0j5aftt9mdc0h	Super Admin	3 (3)	\$43.15	\$428.75		Super Admin	✉ 📄 ✎ 🗑
Aug 28, 2025	INV189	McClure, Zieme and Pacocha	4 (8)	\$64.20	\$976.20		Deron Ger	✉ 📄 ✎ 🗑
Aug 25, 2025	INV186	Hahn, Gleichner and Grimes	3 (4)	\$46.08	\$577.28		Raven Cas	✉ 📄 ✎ 🗑
Aug 23, 2025	INV184	Oberbrunner LLC	4 (6)	\$147.43	\$870.63		Dr. Brock E	✉ 📄 ✎ 🗑
Aug 16, 2025	INV177	Bogan, Gorczany and Hoeger	2 (5)	\$129.45	\$895.85		Deron Ger	✉ 📄 ✎ 🗑
Aug 12, 2025	INV173	Reichert, Jacobson and Wunsch	2 (3)	\$0.00	\$379.20		Dr. Brock E	✉ 📄 ✎ 🗑
Aug 10, 2025	INV171	Brown Inc	1 (1)	\$17.07	\$172.27		Deron Ger	✉ 📄 ✎ 🗑

Sale Form (add/edit)

Sale form has Date, Reference (leave blank to auto generate), Customer (searchable by company, name, email and phone), Due Date, Attachments, Products (search or scab barcode) and details fields.

Once product is added by search/scan barcode, you can click the product name to change price, unit, apply discount, taxes and add comments.

The screenshot shows the 'Add Sale' form in the 'Stock Manager Advance' application. The interface is dark-themed. On the left is a sidebar with a menu including 'Dashboard', 'Point of Sale', 'Sales & Purchases' (expanded), 'List All Sales', 'Add New Sale' (selected), 'List All Purchases', 'Add New Purchase', 'Payments', 'Deliveries', 'Quotations', 'Expenses', 'Gift Cards', 'Return Orders', 'Products', 'People', 'Settings', 'Shop Module', and 'Reports'. The main content area is titled 'Add Sale' with a sub-header 'Please fill the form below to add sale.' and a 'List Sales' link. The form fields include: 'Date' (2025-08-10), 'Reference' (Reference), 'Customer' (Customer), 'Due Date' (empty), 'Attachments' (Select), and a 'Scan barcode or type to search' input. Below these is a 'Sale Items' table with columns '#', 'Product', 'Price', 'Quantity', 'Unit', and 'Total'. The table contains one row for 'Product 23' with a price of 118.08, quantity of 1, and unit of kg, totaling 118.08. A 'Details' text area is at the bottom. At the very bottom are 'RESET' and 'SAVE' buttons.

#	Product	Price	Quantity	Unit	Total
1.	Product 23	118.08	1	kg	118.08
Total					118.08

List Purchases (listing page)

List purchases table is sortable by column headings (default sorting is latest records first). Each row has actions column to email, edit and delete record. The table row will have yellow background for unpaid and green background for paid.

Add payment

The total column for unpaid purchase orders is action button to add payment.

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Payments

List payments table is sortable by column headings (default sorting is latest records first). Each row has actions column to email, edit and delete record. To view packaging list, please click the row to view and packaging (archive icon). The table row will have green background for received and primary color background for sent. The default theme color for non-received payments.

For column

For column is Customer company for incoming and Supplier company for outgoing payments.

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Stock Manager Advance

Main

Dashboard

Point of Sale

Sales & Purchases

List All Sales

Add New Sale

List All Purchases

Add New Purchase

Payments

Deliveries

Quotations

Expenses

Gift Cards

Return Orders

Products

People

Settings

Shop Module

Reports

Payments

Please review the data below

ADD PAYMENT

Date	Reference	Amount	Method	For	Created by	Created at	
Sep 12, 2025	01k4wsxr1k6dat51wd3wdrm3rb	\$3,026.34	Cash	Walter LLC	Super Admin	Sep 11, 2025 4	<div></div> <div></div> <div></div>
Sep 12, 2025	01k4wsn7hbaammeza6mxqa7fex	\$322.50	Cash	Dare, Torp and McCullough	Super Admin	Sep 11, 2025 4	<div></div> <div></div> <div></div>
Sep 6, 2025	01k4g1msee1ah7xfk1v05t7c85	\$104.00	Credit Card	Super Admin	Super Admin	Sep 6, 2025 5	<div></div> <div></div> <div></div>
Sep 6, 2025	01k4g197ycesj9zf771awhgqee	\$102.40	PayPal	Super Admin	Super Admin	Sep 6, 2025 5	<div></div> <div></div> <div></div>
Sep 6, 2025	01k4fsh0hfz88jck570by7ybv	\$140.80	PayPal	Super Admin	Super Admin	Sep 6, 2025 3	<div></div> <div></div> <div></div>
Sep 6, 2025	01k4fqt1tmj6x2kh1z7rtzaqhw	\$176.04	Credit Card	Super Admin	Super Admin	Sep 6, 2025 2	<div></div> <div></div> <div></div>
Sep 6, 2025	01k4fp94bqftykp808qd5g732m	\$104.00	Credit Card	Super Admin	Super Admin	Sep 6, 2025 2	<div></div> <div></div> <div></div>
Sep 5, 2025	01k4dc93tgf429sd4arbwe9fhm	\$226.18	Credit Card	Super Admin	Super Admin	Sep 5, 2025 4	<div></div> <div></div> <div></div>
Sep 5, 2025	01k4dbz8sazd5e98aad3d3w099	\$235.33		Super Admin	Super Admin	Sep 5, 2025 4	<div></div> <div></div> <div></div>
Sep 5, 2025	01k4dbq35kfsgh8t5jpgmymqg2	\$428.75		Super Admin	Super Admin	Sep 5, 2025 4	<div></div> <div></div> <div></div>
Sep 5, 2025	PAY101	\$945.28	Cash	Durgan, Quitzon and Gerhold	Deron Gerlach MD	Sep 5, 2025 3	<div></div> <div></div> <div></div>
Aug 30, 2025	PAY96	\$590.38	Cash	Homenick Ltd	Dr. Brock Barrows	Aug 30, 2025	<div></div> <div></div> <div></div>
Aug 28, 2025	PAY94	\$976.20	Cash	McClure, Zieme and Pacocha	Keaton Donnelly	Aug 28, 2025	<div></div> <div></div> <div></div>

Support

Deliveries

List deliveries table is sortable by column headings (default sorting is latest records first). Each row has actions column to edit and delete record.

Delivery can be added for any sale from the list sales page.

Quotations

Quotations are same as sales but quotations won't have any effect on stock. List quotation table is sortable by column headings (default sorting is latest records first). Each row has actions column to email, add delivery, edit and delete record.

Expenses

Stock Manager Advance has option to record business expenses. List Expenses table is sortable by column headings (default sorting is latest records first). Supplier field is optional. Each row has actions column to edit and delete record.

Gift Cards

Gift cards are used for payment. Customer can purchase them and make payment for orders. List Expenses table is sortable by column headings (default sorting is latest records first). Supplier field is optional. Each row has actions column to edit and delete record.

Return Orders

Return orders can be added for sales and purchases. The products stock will be synced automatically. For return order for sale, you can set the sale number or reference to link to the main sale.

Products

Products are anything a company sells—whether physical items, digital products, or services. In retail, you'll often hear products called consumer goods or merchandise. Retailers choose their merchandise based on market demand and what their customers want, from everyday essentials to luxury items.

Manufacturers use the term "product" for both the raw materials they buy for production and the finished goods they sell. These two sides of commerce take different approaches to product development and marketing to succeed. We have plans to add manufacturing related features but at the moment SMA might not have much for manufacturing use. Please try the live demo to check if the feature you need already added in the Stock Manager Advance.

General

Stock Manage Advance has option to manage 5 types of products

1. **Standard** - *stock trackable*
2. **Service** - *no stock tacking*
3. **Digital** - *optional stock tacking with*
4. **Combo** - *combination of other products*
5. **Recipe** - *combination of standard products*

Variants/Attributes

Standard products can have variants like Color, Size etc. If the product has variants then system will track quantity for each variations and you need to select them when adding product to order list.

Serials

Standard products can have serial numbers. If the product has serials then system will track them and auto set the first available serial on order. This feature is not fully developed yet so if you find any issue or have suggestion, please so reach us by asking question or requesting feature at [support portal](#) ↗

SEO

Product hsa SEO section where you can set title, description, keywords, noindex, nofollow options.

List Products (listing page)

List products table is sortable by column headings (default sorting is latest records first). Each row has actions column to tracking (stock movement), edit and delete record. If you have selected the store then the quantity column will show the available stock in the selected store. If the store is not selected then the sum of quantity will be displayed.

Low Stock Products

To view the low stock products, please click the application alerts (bell icon) in the top bar.

Stock Manager Advance

← → ↺

sma.test

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⚙️

SA

Super Admin

▼

Main

Dashboard

Point of Sale

Sales & Purchases

Products

List All Products

Add New Product

Import Products

Adjustments

Transfers

Stock Counts

Brands

Categories

Units

Labels

Promotions

People

Settings

Shop Module

Reports

Products

Please review the data below

ADD PRODUCT

↕

🔍

	Name	Code	Type	Brand	Category	Supplier	Quantity	Unit	Cost	
	Product 20	9783340028774	Standard	Brand 45	Category 09	Torphy, Simonis and Nicolas	5	Kilogram	\$64.00	
	Product 19	9104692897205	Standard	Brand 23	Category 07	Spencer Inc	14	Kilogram	\$69.00	
	Product 18	2339250980687	Standard	Brand 48	Category 08	Johns-Hartmann	11	Kilogram	\$78.00	
	Product 17	7340333831319	Standard	Brand 22	Category 05	Rowe, Dicki and Collins	8	Kilogram	\$97.00	
	Product 16	4597378317145	Standard	Brand 44	Category 04	McGlynn Group	8	Kilogram	\$66.00	
	Product 15	5785666713086	Standard	Brand 13	Default Category	Sawayn-Huels	14	Kilogram	\$78.00	
	Product 14	4418487914035	Standard	Brand 27	Category 05	Dicki, Friesen and Rodriguez	14	Kilogram	\$78.00	
	Product 13	2660053075684	Standard	Brand 10	Category 01	Effertz-Crooks	20	Piece	\$69.00	
	Product 12	4450886502871	Standard	Brand 47	Category 04	Beahan PLC	23	Piece	\$93.00	
	Product 11	0638286488580	Standard	Brand 24	Default Category	Gulgowski, Thiel and Doyle	16	Meter	\$62.00	
	Product 10	0846904562752	Standard	Brand 22	Default Category	Frami, Legros and Kohler	17	Piece	\$80.00	
	Product 09	6396017243665	Standard	Brand 35	Category 03	Morissette-Mann	10	Meter	\$83.00	
	Product 08	2784869350749	Standard	Brand 09	Category 02	Barton-Langworth	24	Piece	\$59.00	

Product form (add/edit)

Product form has divided in few section. First section has input field for type, name, code, brand, category and details etc. The second section has the options for features, variants and serials. The last section has search engine optimization input fields like title, meta description and keywords etc.

Import Products (listing page)

You can import products with excel. The import products page has the details for excel file columns and required data. We will add the option for template in future. For now, you can add a product manually then export the products to get the excel file.

Adjustments

This feature helps to manage the damage and other issues with your stock. The adjustments are used to correct the quantity/stock for the products.

Transfers

If you have multiple stores, you might need to transfer/move products from one store to another. This module will help to manage these tasks. You can add transfer to record the transfer details.

Stock Count

The stock count is the physical verification of the quantities and condition of items held in an inventory or store. Stock count may be performed as an intensive annual end of year procedure or may be done continuously by means of a cycle count. An annual end of year stock count is typically done for use in a company's financial statements.

Once count has been completed, you can add adjustment to update your current stock.

Brands & Categories

The brands and categories are used to group the products. Organizing your online store by product type helps customers find what they need faster, makes your promotions more compelling, and drives sales.

Units

You can add product measuring units and then select the base unit while adding/editing the products. This feature will help you to manage the quantity well, while purchasing and selling in different units.

For example, you purchase coke as a box of 12 bottles and you sell them as bottle. You can add base unit of box/bottle and then add other with conversion. Add the products and

select new base unit. You even can select the default purchase and sale units on add/edit product page.

Labels (Barcode Printing)

Product labels has few pre-built templates with custom option. The custom option can be used for any width and height. It has a switch to add page break after each label (continuous feed) for single column label printers.

You can select products and choose any page template and print with any desktop printer. The page has option to show/hide product details like name, code, price, photo and to show barcode or qrcode.

Promotions

Promotions are marketing communications designed to inform, persuade, and remind target audiences about a product, service, or brand, with the goal of creating awareness, driving sales, or fostering customer loyalty.

Stock Manager Advance has 4 types of promotion

1. Simple - Flat discount
2. Advance - Quantity based discount
3. Buy X Get X (BXGX) - Buy product X to get X/Y/Z product free
4. Spent X Amount to Get Discount (SXGD) - Spent X amount to get X% discount

All the discount can be set for selected products and categories for any period of time.

People

People menu is for the customers, suppliers and users along with related features like customer group, price groups and user roles.

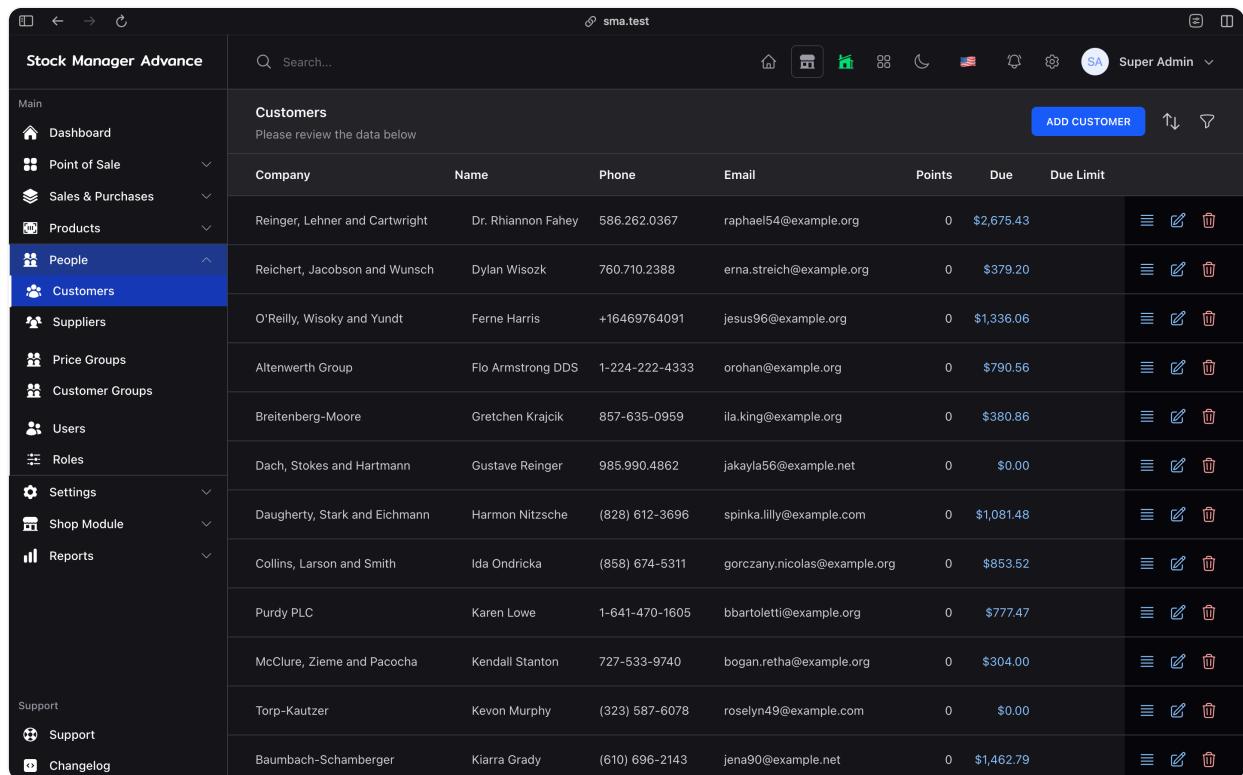
Customers

Customers are the clients of your companies/organizations. They purchase the products that you/your companies/organizations sell. You can add customer groups i.e, Normal Customer, Regular Customer, Resellers, Distributors etc and assign percentage decrement/increment to the price depending on their group.

Only Name (Contact Person) fields is required. You can add extra information about the customer using custom fields.

If the customer is not company, system will use the name as company as by default the search and autocomplete/combobox displays the company as option value.

The inputs for customer in other modules are autocomplete/combobox, you can type in search filed to get the suggestions and select any suggestion available in database for customers. You can add customer by clicking the Add Customer. The interface is quite easy to understand.



The screenshot displays the 'Stock Manager Advance' web application interface. The left sidebar contains a navigation menu with categories: Main (Dashboard, Point of Sale, Sales & Purchases, Products, People, Customers, Suppliers, Price Groups, Customer Groups, Users, Roles), Settings, Shop Module, and Reports. The 'Customers' menu item is currently selected. The main content area shows a table of customers with columns: Company, Name, Phone, Email, Points, Due, and Due Limit. There are 15 customer records listed. Each record has a row of three action icons (list, edit, delete) on the right. The top right of the main area includes an 'ADD CUSTOMER' button and icons for sorting, pagination, and search. The user 'Super Admin' is logged in.

Company	Name	Phone	Email	Points	Due	Due Limit
Reinger, Lehner and Cartwright	Dr. Rhiannon Fahey	586.262.0367	raphael54@example.org	0	\$2,675.43	
Reichert, Jacobson and Wunsch	Dylan Wisozk	760.710.2388	erna.streich@example.org	0	\$379.20	
O'Reilly, Wisoky and Yundt	Ferne Harris	+16469764091	jesus96@example.org	0	\$1,336.06	
Altenwerth Group	Flo Armstrong DDS	1-224-222-4333	orohan@example.org	0	\$790.56	
Breitenberg-Moore	Gretchen Krajcik	857-635-0959	ila.king@example.org	0	\$380.86	
Dach, Stokes and Hartmann	Gustave Reinger	985.990.4862	jakayla56@example.net	0	\$0.00	
Daugherty, Stark and Eichmann	Harmon Nitzsche	(828) 612-3696	spinka.lilly@example.com	0	\$1,081.48	
Collins, Larson and Smith	Ida Ondricka	(858) 674-5311	gorczany.nicolas@example.org	0	\$853.52	
Purdy PLC	Karen Lowe	1-641-470-1605	bbartoletti@example.org	0	\$777.47	
McClure, Zieme and Pacocha	Kendall Stanton	727-533-9740	bogan.retha@example.org	0	\$304.00	
Torp-Kautzer	Kevon Murphy	(323) 587-6078	roselyn49@example.com	0	\$0.00	
Baumbach-Schamberger	Kiarra Grady	(610) 696-2143	jena90@example.net	0	\$1,462.79	

Add Customer

Please fill the form below to add Customer.

Name: Company:

Phone: Email:

Opening Balance: Due Limit:

Customer Group: Price Group:

Country: State:

Lot No.: Street:

Address Line 1:

Address Line 2:

Customer Groups

The percentage in the customer groups are the addition/subtraction in the product price for that group. If you have set 10 percentage for customer group, then each customer of the group will have (10%) higher price automatically calculated on sales. If you set it to -10 percent, then the products price will be (10%) lower than normal price.

Price Groups

The price group can be assigned to customer and then all the sales will use that price group for the customer. This feature will help you set the different prices for customers.

Please be informed that the customer group percentage will be applied to the prices from price group too. Means that whatever customer price is the customer group percentage will be applied at the end.

Suppliers

Suppliers are the vendors/supplying companies, the companies you buy your stock/products from.

Only Name (Contact Person) fields is required. You can add extra information about the supplier using custom fields. If the supplier is not company, you can leave the company field blank/empty OR so that system can use the name as company.

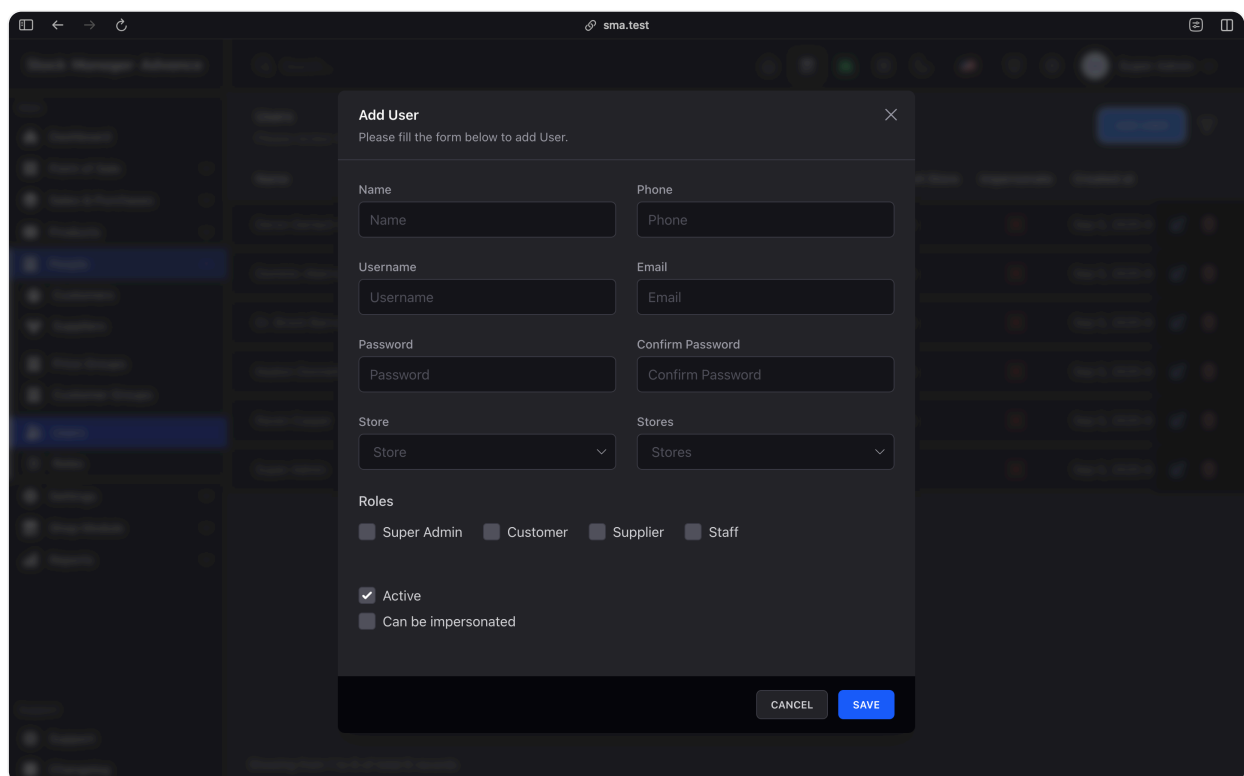
The inputs for supplier in other modules are autocomplete/combobox, you can type in search filed to get the suggestions and select any suggestion available in database for suppliers. You can add supplier by clicking the Add supplier. The interface is quite easy to understand. The interface is almost same as customers, easy to use.

Users & Roles

Users are the staff members (your employees). You can add any number of users and assign them roles as you need.

Super Admin, Customer and Supplier roles are with fixed permissions. You can add roles and set permissions as need.

The users added in customer/supplier modules will be saved in this table too.



The screenshot shows a web application interface with a dark theme. A modal window titled "Add User" is open in the center. The modal has a close button (X) in the top right corner. Below the title, it says "Please fill the form below to add User." The form contains several input fields and checkboxes:

- Name:** A text input field with the placeholder "Name".
- Phone:** A text input field with the placeholder "Phone".
- Username:** A text input field with the placeholder "Username".
- Email:** A text input field with the placeholder "Email".
- Password:** A text input field with the placeholder "Password".
- Confirm Password:** A text input field with the placeholder "Confirm Password".
- Store:** A dropdown menu with the placeholder "Store".
- Stores:** A dropdown menu with the placeholder "Stores".
- Roles:** A section with four checkboxes: "Super Admin", "Customer", "Supplier", and "Staff".
- Active:** A checkbox that is checked, with the label "Active".
- Can be impersonated:** A checkbox that is unchecked, with the label "Can be impersonated".

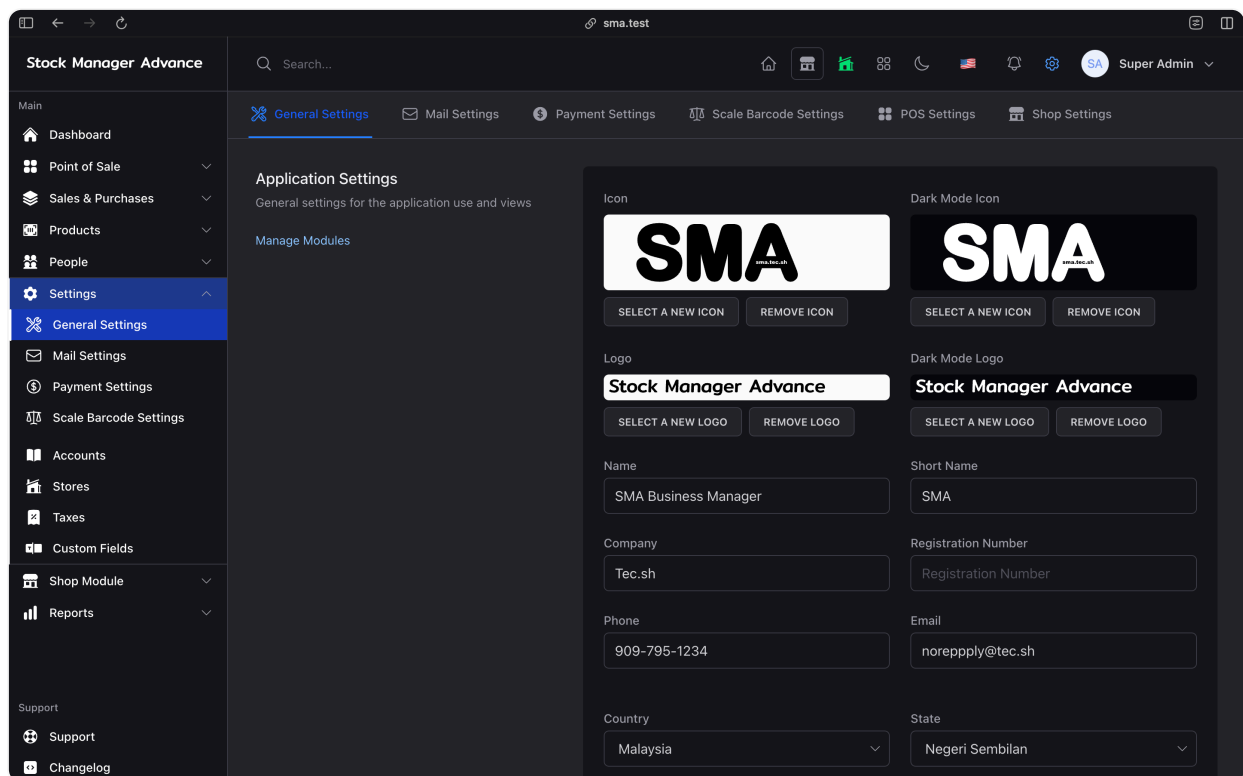
At the bottom of the modal, there are two buttons: "CANCEL" and "SAVE". The "SAVE" button is highlighted in blue. The background of the application shows a sidebar with various menu items and a main content area with a table of users.

Settings

Settings allow you to configure the app as per your use. The page divided in tabs for General, Mail (email), Payments, Scale Barcode, POS and Shop Settings (depending on your purchase).

General Settings

You can set app name, icons, logos, head office details and other part of the application like rows per page and captcha etc.



Mail Settings

For emails, the following driver are available.

1. Log to file (logs email to file in the `storage/logs/` folder)
2. SMTP
3. SendMail
4. AWS SES
5. Mailgun
6. PostMark
7. Resend

Payments Settings

For payments, please configure the default currency code and card gateway (only Stripe and more coming soon).

Scale Barcode Settings

Scale barcode settings to parse the barcode printed by the digital scales.

POS Settings

POS settings (if you have POS module) to choose design, default category, default customer, quick cash values and other pos related settings.

Accounts

Accounts are the balance sheet for sales, purchases and payments etc.

Stores

SMA has option to manage multiple stores. It tracks the quantity for each store. You can assign account and price group for stores.

The screenshot displays the 'Stock Manager Advance' application interface. The left sidebar contains a navigation menu with options: Main (Dashboard, Point of Sale, Sales & Purchases, Products, People, Settings), General Settings (General Settings, Mail Settings, Payment Settings, Scale Barcode Settings), Accounts, Stores (selected), Taxes, Custom Fields, Shop Module, and Reports. The main content area is titled 'Stores' and includes a search bar, a table of store data, and an 'ADD STORE' button. The table has columns for Name, Phone, Email, Active status, Account, Price Group, and Address. It lists three stores: California, Guam, and Utah. The bottom of the interface shows 'Showing from 1 to 3 of total 3 records'.

Name	Phone	Email	Active	Account	Price Group	Address
California	+13126160667	kendrick.sawayn@example.net	✓	Madalyn Skiles		6743 Russell Islands Suite 567 New Gersonside 92675 California United...
Guam	+12038463518	pearline99@example.net	✓	Rasheed Ratke I		939 Hahn Turnpike Suite 783 Jeramiechester 71470 Guam United...
Utah	+19715050679	sydney.marvin@example.org	✓	Default Account		863 Sipes Cliff Apt. 774 New Jo 83469 Utah United States

Taxes

SMA allows you to have multiple taxes per product but you should add them first in the settings and then assign to the product while adding/editing/selling them.

The taxes can be configure for state level like in the Canada & India.

Custom Fields

You can add custom field to the models and collect extra information about them.

Setup CRON Job

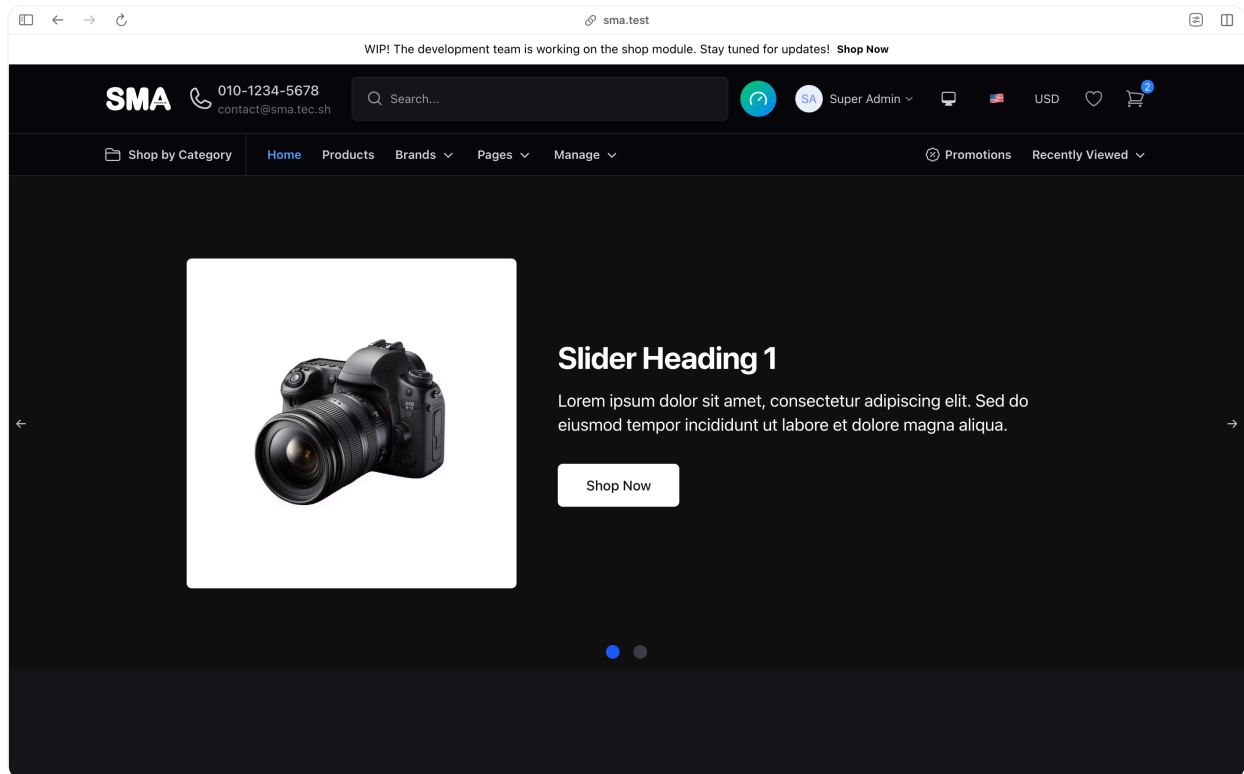
As you know that app is developer using Laravel. So, when using Laravel's scheduler, we only need to add a single cron configuration entry to our server that runs the `schedule:run` command every minute.

```
* * * * * php /path/to/project/artisan schedule:run >> /dev/null 2>&1
# OR
* * * * * cd /path-to-your-project && php artisan schedule:run >> /dev/null 2>&1
```

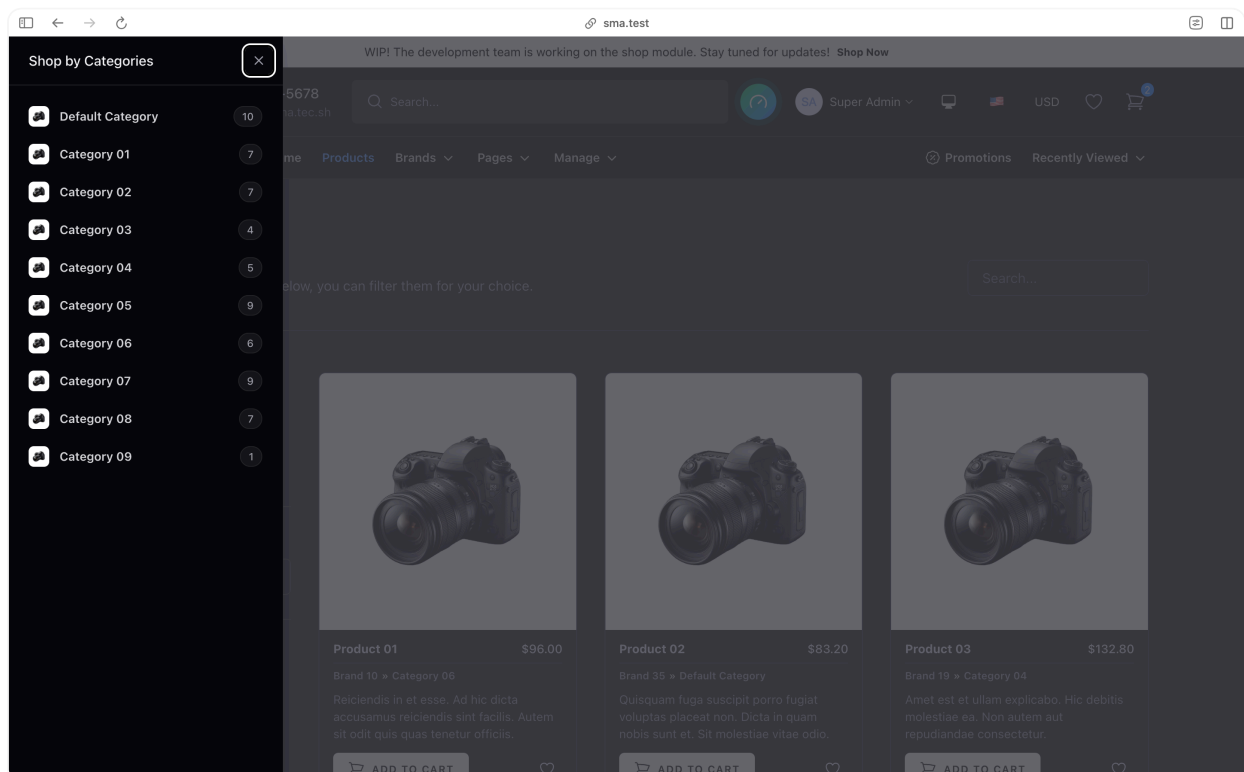
sh

Shop (eCommerce) Module

Shop module has full functionality of shopping cart. The shop design is quite simple, you can update settings for slider, menus and CTA. It has light and dark modes. Only Paypal and Stripe payments are available at this moment. We will add more payment options in future updates.

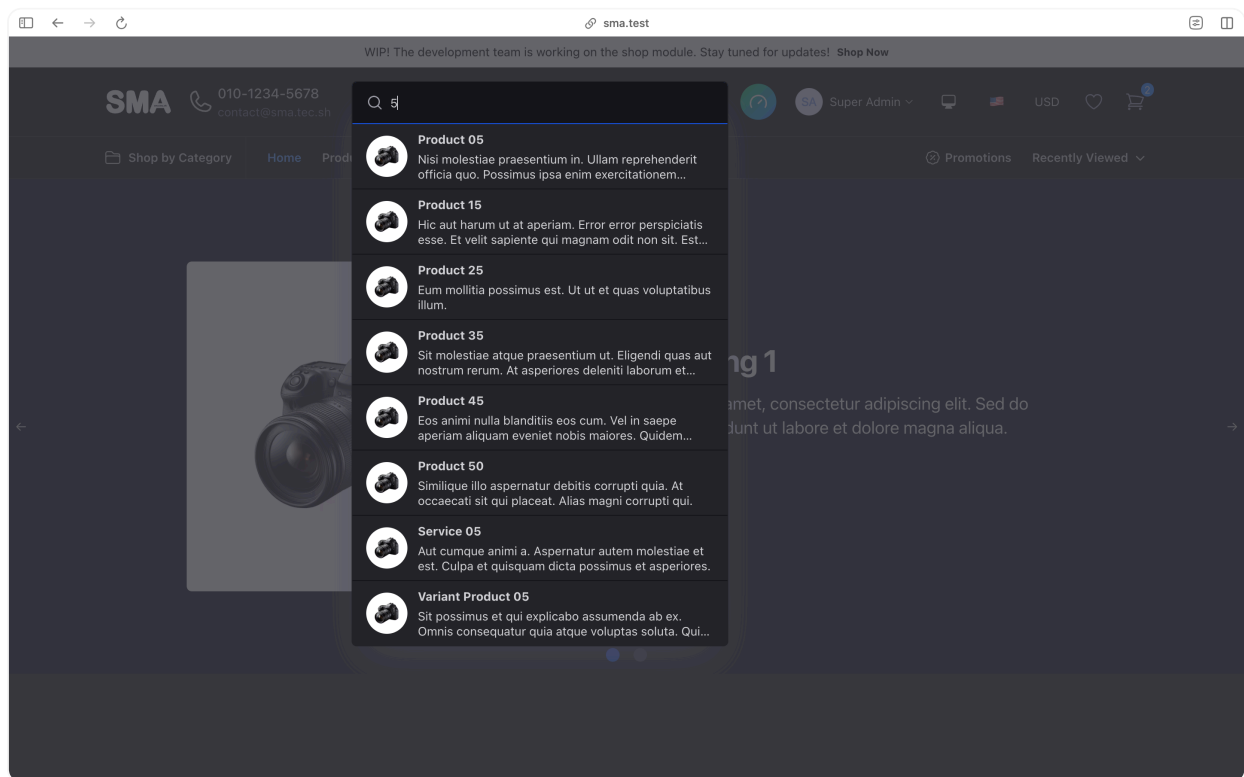


It show the category in drawer when use want to Shop by category.



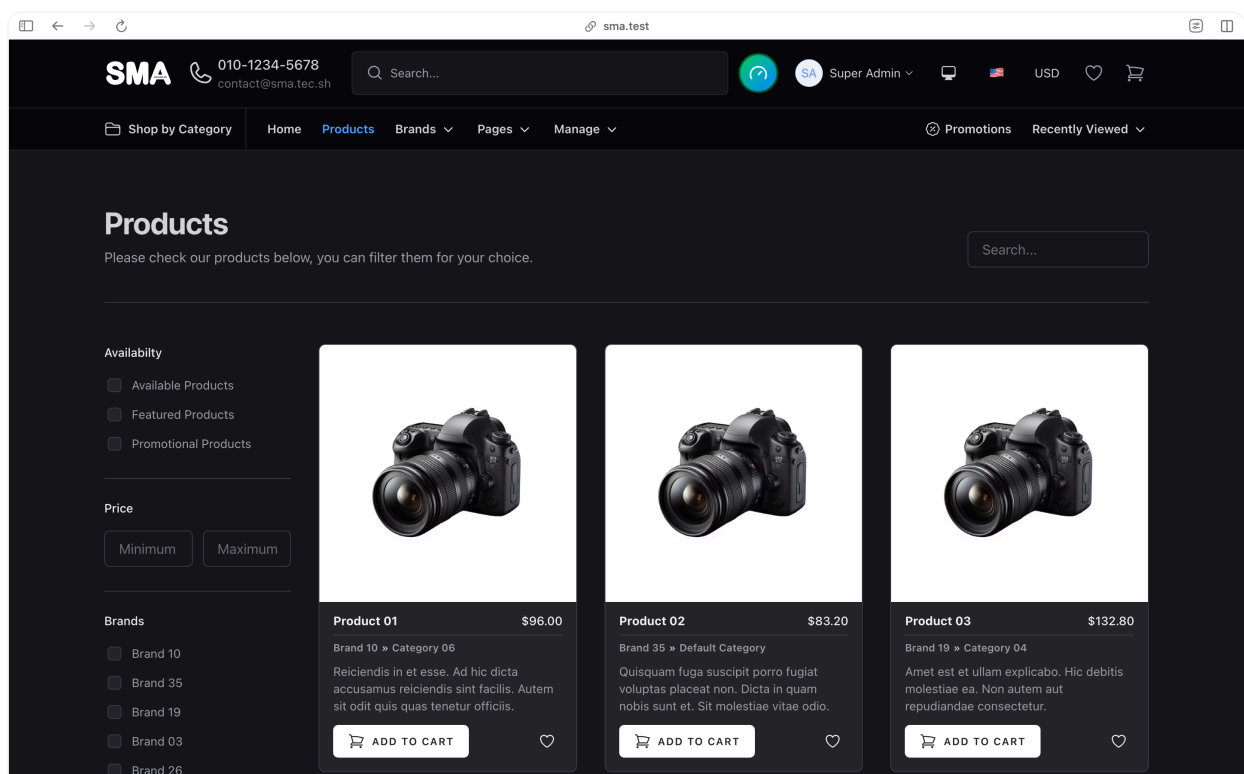
Search

Shop modules has search input at top that will show suggestion products as dropdown and submit will bring the user to products page with result of the search.



Products (Listing Page)

Products page will list all the products with some filter options at the left side. We will add more filters and sorting options in updates.

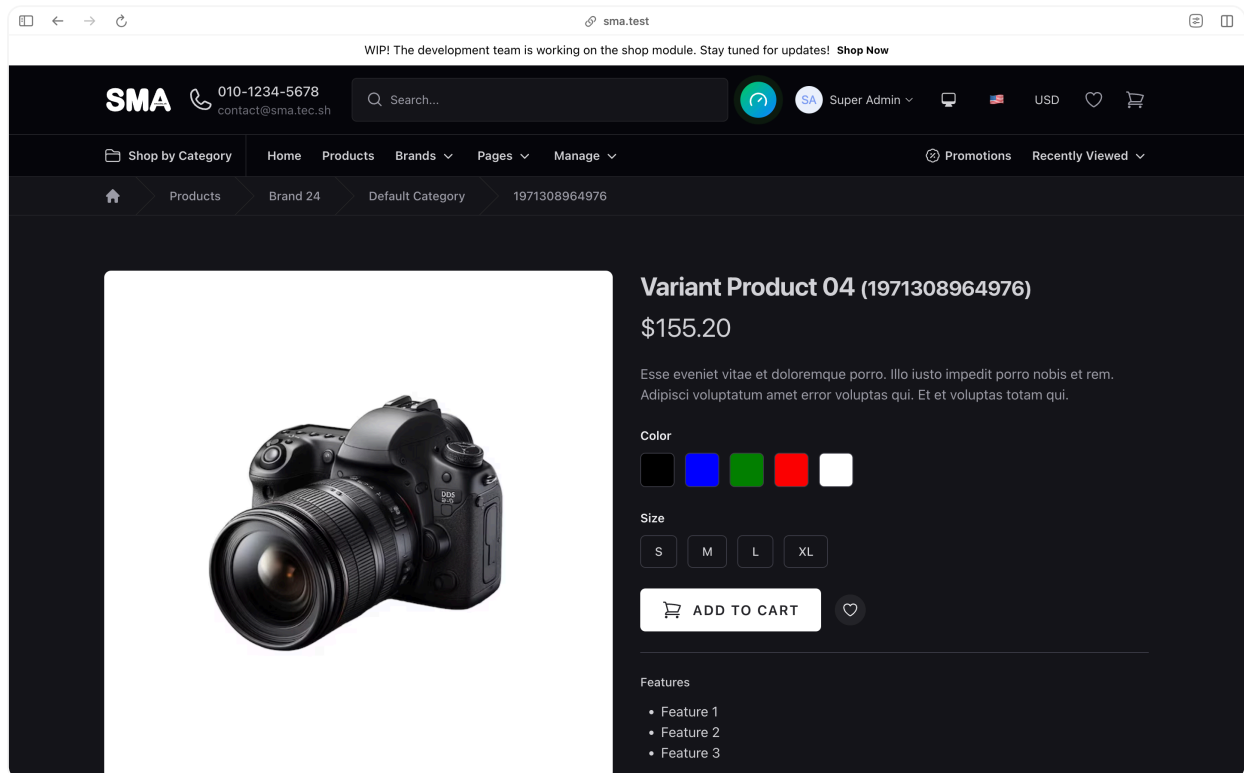


Product Details Page

Product details page will show the breadcrumb at top, then photos (left) and product main details (name, price, description, variants and add to cart and wish list) at right. Then displays the products features.

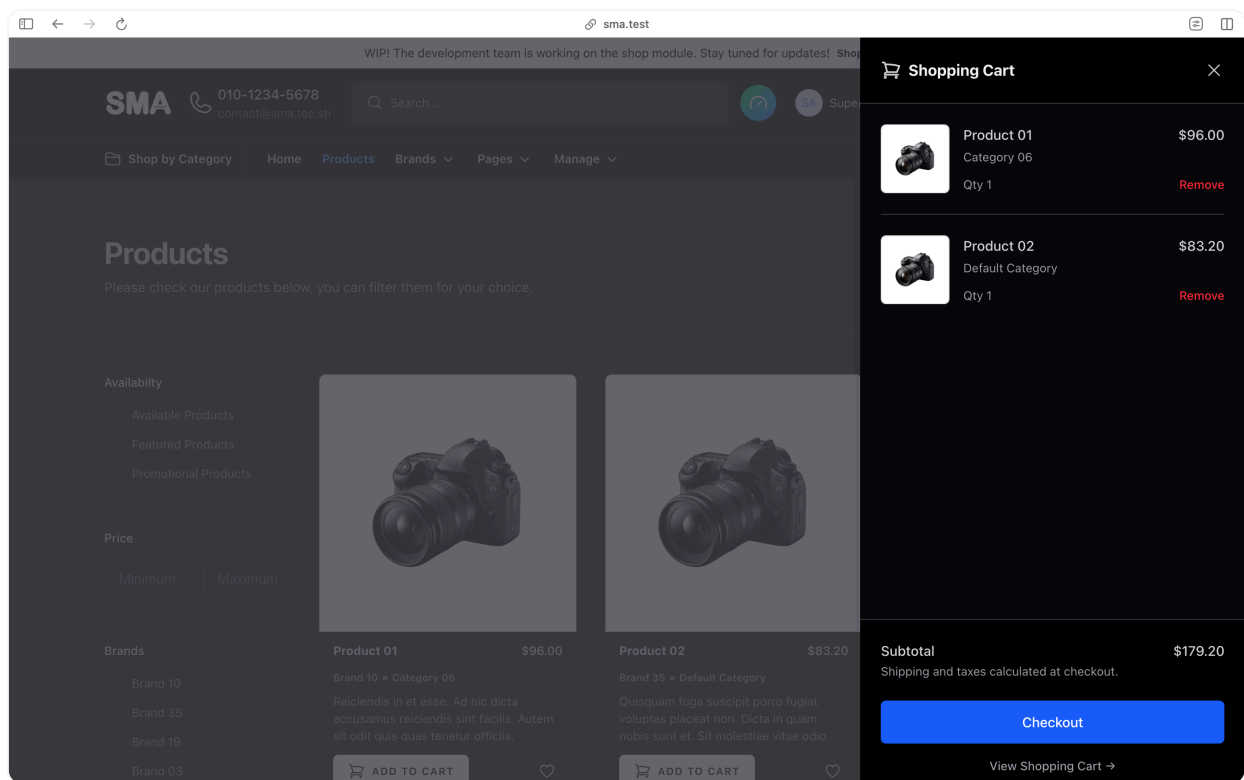
The products details are the third section and if there are shipping and return configure that will be displayed in the tabs.

The last section is related products (other products from same category and brand).



Shopping Cart

The cart button at the top right will open the drawer to show the cart items with option to go to full cart page and/or to checkout.



Checkout

Checkout page required shipping address, shipping and payment method. It has the option to apply coupon code for discounts along with any instructions (sale details).

Charge Amount

Shop and Checkout show the values in user selected currency but ths charge amount will be in your default currency.

SMA010-1234-5678
contact@sma.tec.sh

Search...

SA

Super Admin

USD

2

Shop by Category

HomeProductsBrandsPagesManage

PromotionsRecently Viewed

Checkout

Please provide shipping address, method and payment information to complete your order.

Shipping Address

ADD NEW ADDRESS

220 Jalan Hijayu 1/11
Hijayu 1, Bandar Sri Sendayan
Seremabn 71950 Negeri Sembilan Malaysia
Tel: +1 (134) 597-3261 Email: pyvovy@mailinator.com

Shipping Method

DHL eCommerce (\$8.00)

Coupon Code

Apply

INSTRUCTION FOR SELLER

Payment Method

PayPal

Credit Card

Order Summary

Total\$179.20

Tax\$9.15

Discount\$0.00

Shipping\$8.00

PAYABLE\$196.35

CHARGE AMOUNT\$196.35

Address

Shop allow user to manage their addresses for shipping and billing address.

WIP! The development team is working on the shop module. Stay tuned for updates!Shop Now

SMA010-1234-5678
contact@sma.tec.sh

Search...

SA

Super Admin

USD

2

Shop by Category

HomeProductsBrandsPagesManage

PromotionsRecently Viewed

Addresses

Please review the records in the section.

ADD NEW ADDRESS

UPDATE BILLING ADDRESS

Mian Saleem

220 Jalan Hijayu 1/11
Hijayu 1, Bandar Sri Sendayan
Seremabn 71950 Negeri Sembilan Malaysia
Tel: +1 (134) 597-3261 Email: pyvovy@mailinator.com

Edit

Section 1

Section 2

Section 3

Connect

Sign up for our newsletter

Section 1 Link 1

Section 2 Link 1

Section 3 Link 1

Contact Us

The latest deals and savings, sent to your inbox weekly.

Section 1 Link 2

Section 2 Link 2

Section 3 Link 2

Facebook

Name

Section 1 Link 3

Section 2 Link 3

Section 3 Link 3

Instagram

Email address

Section 1 Link 4

Section 2 Link 4

Linkedin

SUBSCRIBE

Section 1 Link 5

Section 2 Link 5

Section 2 Link 6

Shop Orders

The orders menu under user's menu dropdown to list the user order with option to view them. The non-paid shop order can be deleted by the user. Please set the max unpaid order per customer to lower values like one (1).

Manage (Shop Settings)

The menu bar has Manage menu for the super admins to to manage shop settings, pages, coupons, currencies and shipping methods.

Reports

Stock Manager Advance has these reports available. Reports page has the **Customize** button to filter the report as per need like user (created by), store, start and end date etc.

1. Daily Sales Report

Displays total value in cell, please click the value to open details modal.

2. Monthly Sales Report

Displays total value in cell, please click the value to open details modal.

The screenshot shows the 'Monthly Sales Report' page in the 'Stock Manager Advance' application. The interface is dark-themed. On the left is a sidebar menu with options like Dashboard, Point of Sale, Sales & Purchases, Products, People, Settings, Shop Module, Reports (selected), and various other reports. The main content area is titled 'Monthly Sales Report' with a subtitle 'Please review the data below'. It features a table for the year 2025, showing sales data for each month. The table has two rows of data. The first row shows Jan, Feb, Mar (6,024), Apr (4,118), May (4,731), and Jun (5,785). The second row shows Jul (7,093), Aug (5,473), Sep (1,291), Oct, Nov, and Dec. The 'Reports' menu item in the sidebar is highlighted in blue, and the 'Monthly Sales Report' sub-item is also highlighted.

2025					
Jan	Feb	Mar	Apr	May	Jun
		6,024	4,118	4,731	5,785
Jul	Aug	Sep	Oct	Nov	Dec
7,093	5,473	1,291			

3. Sales Report

Displays total sale orders, amount, payments received amount and tax values along with list of sales.

Stock Manager Advance											
Main											
Sales Report											
Please review the data below											
Sales				Amount		Received Amount			Tax		
57				\$34,515.34		\$17,752.82			\$3,718.54		
Date	Reference	Customer	Items	Tax	Total	Profit	Due Date	Store	Created by	Created at	
Aug 1, 2025	INV160	Erdman Group	2 (4)	\$53.50	\$539.90	\$235.90		Guam	Super Admin	Aug 1, 2025	
Jul 27, 2025	INV155	Erdman LLC	5 (11)	\$159.32	\$1,512.92	\$898.92		Guam	Dr. Brock Barrows	Jul 27, 2025	
Jul 20, 2025	INV148	Reinger, Lehner and Cartwright	5 (6)	\$84.46	\$774.06	\$343.06		Guam	Dr. Brock Barrows	Jul 20, 2025	
Jul 19, 2025	INV147	Eichmann PLC	3 (6)	\$142.83	\$896.43	\$704.43		Guam	Deron Gerlach MD	Jul 19, 2025	
Jul 17, 2025	INV145	Torp-Kautzer	5 (8)	\$110.05	\$1,033.25	\$572.25		Guam	Deron Gerlach MD	Jul 17, 2025	
Jul 13, 2025	INV140	Oberbrunner LLC	3 (8)	\$47.80	\$943.80	\$615.80		Guam	Super Admin	Jul 13, 2025	
Jul 8, 2025	INV134	Hane Inc	1 (2)	\$85.38	\$379.78	\$195.78		Guam	Deron Gerlach MD	Jul 8, 2025	
Jul 7, 2025	INV133	Kuhlman-Auer	4 (8)	\$196.89	\$1,272.09	\$972.09		Guam	Keaton Donnelly	Jul 7, 2025	
Jul 5, 2025	INV131	Hamill Inc	2 (3)	\$18.30	\$280.70	\$116.70		Guam	Dominic Abernathy	Jul 5, 2025	
Jun 27, 2025	INV123	Tromp, Fritsch and Botsford	4 (6)	\$9.15	\$669.95	\$256.95		Guam	Super Admin	Jun 27, 2025	

4. Registers Report

Displays the list of registers's record with created at (opened at), by, closed details along with amounts.

5. Purchases Report

Displays total purchase orders, amount, payments sent amount and tax values along with list of purchases.

6. Payments Report

Displays total payments received amount, due amount, payments sent amount and suppliers due amount along with list of payments.

12. Transfers Report

Displays list of transfer with filter (customize) option.

13. Return Orders Report

Displays number of sale return orders, tax amount, number of purchase return orders and tax amount along with list of all the return records.

14. Customers Report

Displays total number of sales, total sales amount, total paid (received) amount and balance amount for each customer.

15. Suppliers Report

Displays total number of purchase, total purchase amount, total paid (sent) amount and balance amount for each customer.

16. Staff Report

Displays total number of purchase, total purchase amount, total number of sales, total sales amount for each staff.

Request Report

Please feel free to request report for the future updates by opening feature request at [support portal](#) ↗

Upcoming Reports

We are working on stores report along with profit and lost report. These will be added in the updates.

Developer Guide

We used Laravel Standard folder structure with some extensions.

sh

```
.
├─ app
│   ├── Actions
│   │   ├── Fortify
│   │   ├── Jetstream
│   │   ├── SMA
│   │   └── SMA Action files to save data
│   ├── Casts
│   ├── Console
│   ├── Core
│   │   └── To extend few class like Notification & Translator
│   ├── Events
│   │   └── Events are used for stock sync
│   ├── Exports
│   │   └── Exportable classes
│   ├── Helpers
│   │   ├── Env
│   │   └── functions.php (for SMA helper functions - auto loaded)
│   ├── Http
│   │   ├── Controllers
│   │   │   ├── Sma
│   │   │   │   ├── Order (sale and purchase menu related controllers)
│   │   │   │   ├── People (people menu related controllers)
│   │   │   │   ├── Pos (point of sale menu related controllers)
│   │   │   │   ├── Product (product menu related controllers)
│   │   │   │   ├── Report (reports controllers)
│   │   │   │   ├── Search
│   │   │   │   └── SearchController
│   │   │   ├── Settings (settings menu related controllers)
│   │   │   ├── HomeController
│   │   │   └── PublicController
│   │   ├── Middlewares
│   │   │   ├── HandleInertiaRequests (shares data to Vuejs $page.props)
│   │   │   └── Other Middlewares
│   │   └── Requests
│   │       ├── Sma
│   │       │   ├── Order (sale and purchase menu related form request)
│   │       │   ├── People (people menu related form request)
│   │       │   ├── Product (product menu related form request)
│   │       │   ├── Setting (point of sale menu related form request)
│   │       │   └── LoginRequest (extends fortify login request)
│   │       └── Resources (for pagination data)
│   └── Imports
```

- | | | Importable classes
- | | Jobs
- | | | FiscalService (classes to send your sales data to Govt. fiscal service)
- | | | | ReportNewReturnSale (send return order to fiscal service)
- | | | | ReportNewSale (send sale to fiscal service)
- | | | | ReportSaleUpdate (send sale update to fiscal service)
- | | Listeners
- | | | Events are listened and stock sync done here
- | | Livewire
- | | Models
- | | | SMA (all SMA related model here)
- | | Notifications
- | | | SMA (all SMA notifications for sale, purchase & payments etc)
- | | Observers (some fire events and others to perform actions like payment sy
- | | Policies
- | | | UpdatePolicy
- | | Providers
- | | Rules
- | | Services (to check overselling or calculate order data)
- | | Traits (model traits)
- | bootstrap
- | | app.php
- | | providers.php
- | config (Laravel and packages config files)
- | database
- | lang (language files are in this folder for translation)
- | modules* (shop module for now)
- | packages*
- | public (root path for public access/traffic)
- | resources (views, css and javascript files)
- | routes (application routes)
- | storage
- | tests
- | vendors
- | artisan
- | composer.json
- | package.json
- | vite.config.js
- | other files*

- + app
- + bootstrap
- ▾ config
- + database
- + lang
- ▾ modules
- ▾ packages

- 📁 public
- 📁 + resources
- 📁 + routes
- 📁 + storage
- 📁 tests
- 📁 vendor
- 📄 .env
- 📄 .gitignore
- 📄 artisan
- 📄 composer.json
- 📄 package.json
- 📄 vite.config.js

Backend Guide

Application backend is developed using [Laravel](#) ↗ The controllers are in the `app/Http/Controllers/Sma/` folder while models are in `app/Models/` and SMA related in `app/Models/Sma/` folder.

What is Laravel

Laravel is a web application framework with expressive, elegant syntax. A web framework provides a structure and starting point for creating your application, allowing you to focus on creating something amazing while we sweat the details.

Laravel strives to provide an amazing developer experience while providing powerful features such as thorough dependency injection, an expressive database abstraction layer, queues and scheduled jobs, unit and integration testing, and more.

Why Laravel?

There are a variety of tools and frameworks available to you when building a web application. However, we believe Laravel is the best choice for building modern, full-stack web applications.

A Progressive Framework

We like to call Laravel a "progressive" framework. By that, we mean that Laravel grows with you. If you're just taking your first steps into web development, Laravel's vast library of documentation, guides, and video tutorials will help you learn the ropes without becoming overwhelmed.

If you're a senior developer, Laravel gives you robust tools for dependency injection, unit testing, queues, real-time events, and more. Laravel is fine-tuned for building professional web applications and ready to handle enterprise work loads.

A Scalable Framework

Laravel is incredibly scalable. Thanks to the scaling-friendly nature of PHP and Laravel's built-in support for fast, distributed cache systems like Redis, horizontal scaling with Laravel is a breeze. In fact, Laravel applications have been easily scaled to handle hundreds of millions of requests per month.

A Community Framework

Laravel combines the best packages in the PHP ecosystem to offer the most robust and developer friendly framework available. In addition, thousands of talented developers from around the world have contributed to the framework.

Laravel Docs

You can find Laravel documentation at <https://laravel.com/docs> ↗

Queues

Queues provide a unified queueing API across a variety of different queue backends, such as Amazon SQS, Redis, or even a relational database. By moving time intensive tasks (like emails, fiscal reporting and reading or storing files etc) to a queue, application can respond to web requests with blazing speed and provide a better user experience to your customers.

The default is `QUEUE_CONNECTION=sync` but you can set to any driver like "sync", "database", "beanstalkd", "sqs", and "redis" as you need in the `.env` file.

cPanal

You can run the following command with cron job and set `QUEUE_CONNECTION` to `database`

```
php artisan queue:work --queue=high,default --stop-when-empty
```

sh

Cron Job

When using Laravel's scheduler, we only need to add a single cron configuration entry to our server that runs the `schedule:run` command every minute.

```
* * * * * php /path/to/project/artisan schedule:run >> /dev/null 2>&1
```

```
# OR
```

```
* * * * * cd /path-to-your-project && php artisan schedule:run >> /dev/null 2>&1
```

sh

Frontend Guide

Application frontend is developed using [Inertia.js](#) ↗ & [Vue.js](#) ↗

What is Inertia

JavaScript apps the monolith way

Inertia is a new approach to building classic server-driven web apps. We call it the modern monolith.

Inertia allows you to create fully client-side rendered, single-page apps, without the complexity that comes with modern SPAs. It does this by leveraging existing server-side patterns that you already love.

What is Vue

Vue (pronounced /vju:/, like view) is a JavaScript framework for building user interfaces. It builds on top of standard HTML, CSS, and JavaScript and provides a declarative, component-based programming model that helps you efficiently develop user interfaces of any complexity

You can find the docs at <https://vuejs.org/guide/introduction.html> ↗

Modifying Code

The frontend code resides in the `resources/js/` folder. The page vuejs files are in the `resources/js/Pages/Sma/` folder while the layout files are in the `resources/js/Layouts/` folder and components are in the `resources/js/Components/` folder.

If you modify any Vuejs file or language file then you will need to rebuild the app as following:

`pnpm` `npm` `yarn`

```
pnpm install          # install dependencies
```

```
pnpm run dev          # for developer & HRM
```

sh

```
pnpm run build          # for production build
pnpm run build:only     # for production build on Windows
```

Server-side Rendering (SSR)

With `build` command, you have built both your client-side and server-side bundles, you should be able run the Node-based Inertia SSR server using the following command.

```
php artisan inertia:start-ssr
```

sh

Language

Add New Language

You can add language by following these steps.

1. Duplicate `lang/en.json` and `lang/en/` to your language and translate
2. Edit `lang/languages.json` and add your language entry

```
{ "value": "bm", "label": "Bahasa Malaysia", "flag": "MY" }
```

json

3. Build the application

`pnpm` `npm` `yarn`

```
pnpm install          # install dependencies
pnpm run build        # for production build
pnpm run build:only   # for production build on Windows
```

sh

For development, you can run `pnpm run dev`

Update Language

You can modify your language by following these steps.

1. Modify your language files `lang/bm.json` and `lang/bm/*.php`
2. Re-build the application

`pnpm` `npm` `yarn`

```
pnpm run build        # for production build
pnpm run build:only   # for production build on Windows
```

sh

For development, you can run `pnpm run dev`

You must have installed the dependencies before running the commands with `pnpm i`

FAQs

Frequently Asked Questions

Errors

I have installed the item and getting 500 Internal Server Error?

Please check the latest log file in the `storage/logs/` folder and ask question with error details at [support portal](#) ↗

Why am I getting 500 Internal Server Error?

Please check the latest log file in the `storage/logs/` folder and ask question with error details at [support portal](#) ↗

Why sale time is different from my computer time?

The time with Javascript and PHP could be different as javascript use your computer time but php will use your server time.

Please check your timezone in settings and make sure that you have set the correct timezone. You should select the **On Server Side (PHP)** for **Date Format**

Why I can't send emails?

Please check that the **Mail Settings** under settings menu are correct. If yes, then you can check the latest log file in the `storage/logs/` folder to errors and ask question at [support portal](#) ↗ with error details if it's not clear to you.

General

How many products can be managed with this Stock Manager?

You can have any number of products ranging from 1 to 50,000 or more.

How to enable SSL/HTTPS support?

Once you installed/enabled the SSL certificate, you can update the `APP_URL` to start with `https://`

Force HTTPS:

You can enforce HTTPS the entire application by adding the following code in `boot` method of `app/Providers/AppServiceProvider.php`

```
use Illuminate\Support\Facades\URL;

if (app()->environment('production')) {
    URL::forceScheme('https');
}
```

php

Web Server Redirection:

Configure Nginx or Apache to redirect all HTTP requests to their HTTPS equivalents.

```
server {
    listen [::]:80;
    return 301 https://$host$request_uri;
}
```

nginx

You can set apache using `.htaccess` file

```
RewriteEngine On
RewriteCond %{HTTPS} !on
RewriteRule (.*?) https://%{HTTP_HOST}%{REQUEST_URI}
```

apache

Can I modify the item?

Yes, you can modify the script as per your needs and license.

We offer Regular License only that allows you to use the Item to create one single End Product for yourself or for one client (a "single application"). If you have more than once clients, you will need to purchase separate license for each client.

You can visit this link to [licensing faqs page of Evnato marketplace](#) ↗

Can I manage multiple warehouses/stores?

Yes, you can manage multiple warehouse/stores with same product base.

However, if you have different products in each warehouse/store, you can add all products for each warehouse/store (combine products for all warehouse) and then manage multiple warehouse/stores.

OR

You will be buy separate license and install SMA separately for each warehouse/store.

Can I white label it to have my company name and logo?

Yes, you can. Please update the settings to update site name and upload logo.

How can I change the invoice logo for store?

Please upload the logo by editing the store.

How can I translate into other language?

Please refer to [Adding Language](#) under developer guide.

How can I enable Indian GST?

SMA is built to have multiple taxer per product/order. You can add taxes and select state level. If you select same then taxes will be applied to if the store and customer states are same otherwise any other state with no same option will be applied.

If you have any suggestions, please let is know by asking question or requesting feature at [support portal](#) ↗

Can I install this item on localhost with wamp/xampp/easyphp?

You can install this item on localhost with any web platform xampp, mamp, lamp, wamp or easyphp.

We recommend [Laravel Herd](#) ↗

WARNING

Internet connectivity is required for installation to verify the purchase. Once installed, you can use it without Internet.

Does it support my barcode scanner/receipt printer/magnetic card reader?

Yes, please refer to [hardware](#) page for more information about this.

Will I get the full source code?

Yes, you will get 100% source code including PHP (Laravel), Javascript (Vuejs) and css.

Can I modify it as per my needs?

Yes, you modify it as per license.

How do SMA handle out bounds?

Products will be automatically subtracted from the store stock once the sale created.

How do SMA handle in bounds?

New Purchase will automatically add/increase the product stock in the selected store.

Why I can sell the products even if I don't have stock in store?

Please check the overselling option in system settings, that would be enabled. You can disable overselling to stop selling out of stock products.

Why the products price is different on sales page?

Please check the customer group (for customer) and price group (for store).

What is the difference between inclusive and exclusive tax on add product page?

Inclusive tax method means that tax is already included in the price. Exclusive tax method means that tax is not included in the price and should be calculated on price and added separately.

For example: Product Price 100 and Tax 10%

Inclusive tax method:

Price 90.91 and Tax amount: 9.09 = 100 (total price with tax)

Exclusive tax method:

Price 100 and Tax amount: 10 = 110 (total price with tax)

Want to calculate inclusive same as exclusive?

Please update the setting to select the *Inclusive Tax Calculation Formula*

Where are the header and footer view files?

If you need to add any code, you can edit the `resources/views/app.blade.php` If you are referring to admin area top and side bars then you can check `Components` folder in `resources/js/Layouts/`

How can I change Quick Cash buttons?

Please modify them in the POS settings page.

How can I set the reference numbers to start from my own number?

You can modify the key `*_reference_number` in the `settings` table. If you are using the store based reference numbers, then please edit the 'reference_numbers' column in the `stores` tables.

How does discount apply to the products and order?

Discount is applied to product (order item) for the sale, you can click the product name to open modal that will have option to change unit, price, discount, taxes and comment for the order item.

What files I need to edit if I have moved to different server and/or domain?

Same url (domain): You will need to update the database configuration in `.env` file.

Different url (domain): You will need to update the `APP_URL` and database configuration in `.env` file.

Can I integrate SMA with third party software like wordpress / magento / opencart?

No, there is no option to integrate SMA with any third party scripts/software yet. We have plan to add APIs modules after the stable release of v4 (Stable), then will work on the plug-ins/extensions to integrate SMA with other software.

Why reference number is not auto generated while adding sale/purchase and other?

Please leave reference field empty/blank, system will generate reference automatically after submit. This is to avoid the same reference number issue when adding records same time.

How can I setup customer display in POS?

You can click the view bill (tablet icon) in top bar at pos screen and then display it to your 2nd display.

Can you please explain Inventory Accounting (FIFO/LIFO/AVCO)?

First-in-first-out (FIFO)

Defined: The oldest inventory asset is recorded as sold first – regardless of the actual shelf-age of the given physical asset.

Applied: While it is the most widely used accounting technique in periodic inventory management today, FIFO may fail to offer a full picture of inventory value if inflation and price increases are not closely analyzed. Thus, FIFO may inflate or deflate the actual value of future inventory.

Last-in first-out (LIFO)

Defined: The newest inventory asset is recorded as sold first.

Applied: The LIFO method could reduce a company's tax responsibility in times of growing inflation – but it has been heavily regulated under the International Financial Reporting Standards.

Average cost or weighted cost (AVCO)

Defined: The AVCO (average cost) method will take the total cost of goods still available for sale and divide it by the total sum of product from the beginning inventory and purchases.

Applied: With the AVCO method, cost flow is determined as a weighted average of all total unit costs

Products exporting soon

Defined: This method will sell the products that are expiring soon

Use Batch Number

To use the purchase batch numbers (this option is not yet available).

Why I need to set cron job?

Cron job will perform these tasks

- Backup database
- Reset reference numbers
- Clean up the activity records
- Send the overdue notification on the due date and after

Users and Roles

What type of roles are available?

Super Admin, Customer, Supplier fixed permission roles. You can add roles and set permissions as you need. If any permission is missing from the form, please do let is know by asking question at [support portal](#) ↗

User forgot his/her password. How do I reset it?

You can visit Users page under People menu and then edit the user.

How do I delete account?

You can visit Users page under People menu and then delete the user. If the user has any record then it can't be deleted but you can uncheck the active checkbox to disable login.

Payments

What payment gateways are available in SMA?

Payment options available for customers to choose from are as following:

1. Paypal
2. Card (Stripe)
3. Cash on Delivery
4. Balance (if user has account balance)
5. Others (transfer or bank-in to offline account)

What payment gateways are available in POS Module for SMA?

To process the credit/debit card, you manually charge using your terminal and then select Card Terminal as payment method.

We will add Stripe Terminal option in the future updates.

Can I have recurring sales or subscription?

No, currently there is no such feature available yet but we will add the recurring sales option in future updates.

Will you be adding more payment gateways?

Yes, we will be exploring the new gateways. You can request feature if you want to request any gateway.

How the balance payment type works?

Please visit the **Customers** under People menu to check the due amount and add payment to any customer.

On shop sales, user can select the **Balance** in payment method and system will automatically deduct the sale amount from customer's balance amount.

Future Plans

This section describes modules and versions we started or would like to tackle in the future. If you feel interested in these topics or have pre-existing knowledge we are always happy to welcome you as our valued supporter/partner.

SaaS Version

We are planing to build SaaS/Cloud version so that you can offer subscription based solution to your clients.

Full APIs Support

We will have full APIs support to integrate SMA with other software and/or to develop application.

Mobile Applications

Mobile applications will be after APIs support available.