

Inventory Management System Documentation

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1. Introduction

An Inventory Management System web application with features for efficient inventory control, purchase management, invoice handling, and more

2. System Overview

The Inventory Management System is a comprehensive project that allows users to manage their inventory, track purchases, create invoices, and generate various reports. It also includes features like dynamic website creation, theming, and contact form setup.

3. System Features

The Inventory Management System offers a wide range of features, including:

Purchase Management : Record and manage purchases of products.

Invoice Management : Create and manage invoices for customers.

Reports : Generate various reports, including daily invoice reports, working stock reports, supplier-wise stock reports, and customer credit/paid reports.

Authentication : Laravel 10 authentication using Breeze for user access control.

Image Upload System : Allows multiple image uploads for products.

Custom Pagination : Enhance the user experience with custom pagination.

4. Technology Stack

The Inventory Management System is built using the following technologies:

PHP version : PHP 8.2.4 (cli) (built: Mar 14 2023 17:54:25) (ZTS Visual C++ 2019 x64)

Laravel version : 10.16.0

Laravel Breeze : For authentication.

Database : MySQL database system version - 10.4.28-MariaDB.

Frontend : HTML, CSS, Bootstrap 5, JavaScript.

5. Managing Inventory

- 5.1. Purchase Management
This feature allows you to record and manage product purchases.
- 5.2. Invoice Management
Create, manage, and generate invoices for your customers.
- 5.3. Reports
Generate various reports, including daily invoice reports, working stock reports, supplier-wise stock reports, and customer credit/paid reports.

6. Contact Form Setup

Set up a contact form to facilitate communication with your clients through your website.

Module Screenshot

- Sign In , Register & Reset Password Page

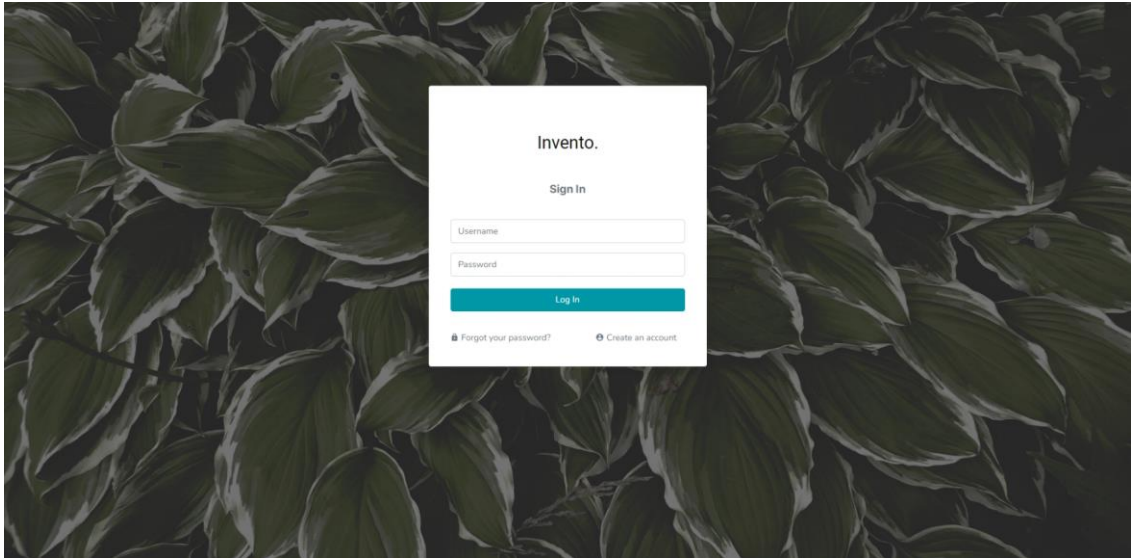


Fig: Sign in page

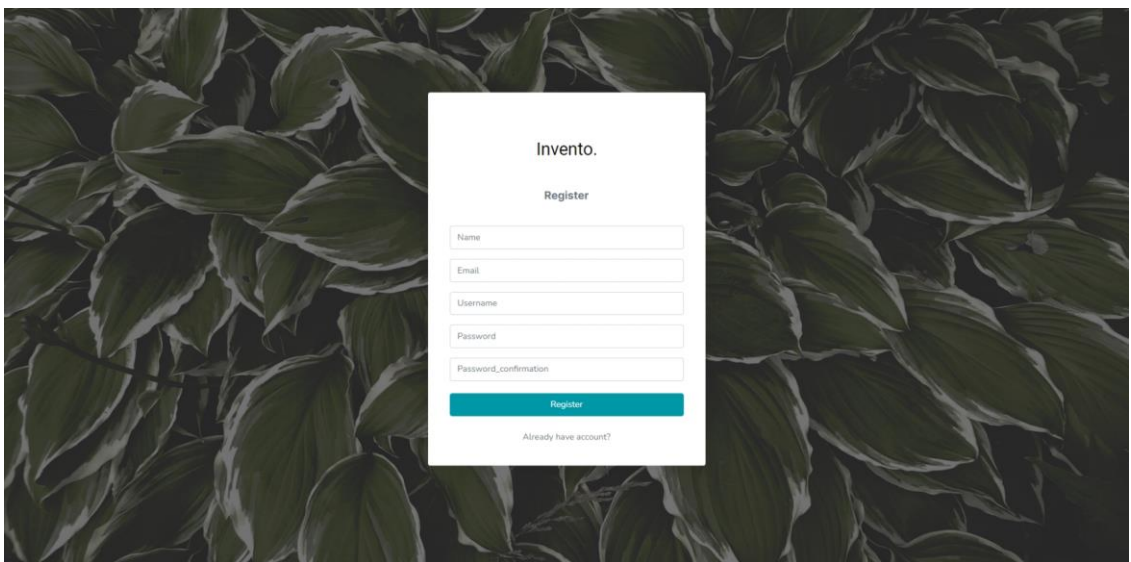


Fig: Registration page

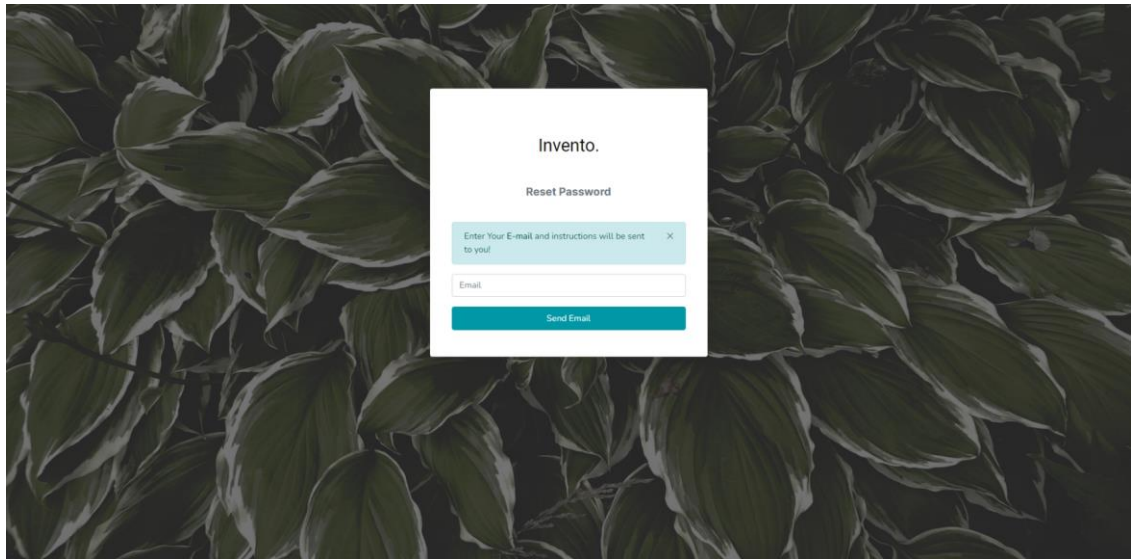


Fig: Reset Password Page

- **Dashboard**

Dashboard Summary:

- Customers: 6
- Suppliers: 5
- Products: 7
- Total Purchase: \$7200

All Transactions Table:

Customer Name	Invoice No	Date	Description	Amount
MD. Raisul Islam Niloy	#6	19-10-2023	For Work Purpose	\$ 3800
Martin Mccarthy	#5	17-10-2023		\$ 900
Taz	#4	16-10-2023	Quaerat velit nobis	\$ 950
Rachel Nolan	#3	15-10-2023	test	\$ 900
Taz	#2	14-10-2023	test data	\$ 1000
Jhon	#1	14-10-2023	Cement Data	\$ 1300

Fig: Dashboard

- **User Profile , Edit Profile , Change Password**

The screenshot shows the 'View Profile' page in the Invento dashboard. The left sidebar contains a menu with categories: MENU (Dashboard, Manage Suppliers, Manage Customers, Manage Units, Manage Category, Manage Product, Manage Purchase, Manage Invoice), STOCK (Manage Stock), and PAGES (Home Slide Setup, About Page Setup, Portfolio Page Setup, Blog Category, Blog Page, Footer Page, Contact Message). The main content area displays the user's profile information: Name: MD. Raisul Islam Niloy, User Email: raisulislamniloy47@gmail.com, and username: Raisenil. There is an 'Edit Profile' button. The footer shows '2023 Invento' and 'Crafted with ❤️ by Raisenil'.

Invento.

MENU

- Dashboard
- Manage Suppliers
- Manage Customers
- Manage Units
- Manage Category
- Manage Product
- Manage Purchase
- Manage Invoice

STOCK

- Manage Stock

PAGES

- Home Slide Setup
- About Page Setup
- Portfolio Page Setup
- Blog Category
- Blog Page
- Footer Page
- Contact Message

Name : MD. Raisul Islam Niloy

User Email : raisulislamniloy47@gmail.com

username : Raisenil

[Edit Profile](#)

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Fig: User Profile Information

The screenshot shows the 'Edit Profile' page in the Invento dashboard. The left sidebar is identical to the previous screenshot. The main content area displays the 'Edit Profile Page' with input fields for Name, User Email, and username. The Profile Image section has a 'Choose File' button and a 'No file chosen' status. There is an 'Update Profile' button. The footer shows '2023 Invento' and 'Crafted with ❤️ by Raisenil'.

Invento.

MENU

- Dashboard
- Manage Suppliers
- Manage Customers
- Manage Units
- Manage Category
- Manage Product
- Manage Purchase
- Manage Invoice

STOCK

- Manage Stock

PAGES

- Home Slide Setup
- About Page Setup
- Portfolio Page Setup
- Blog Category
- Blog Page
- Footer Page
- Contact Message

Edit Profile Page

Name : MD. Raisul Islam Niloy

User Email : raisulislamniloy47@gmail.com

username : Raisenil

Profile Image : [Choose File](#) No file chosen

[Update Profile](#)

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Fig: Edit Profile

- **Manage Suppliers**

SUPPLIER ALL

Supplier All Data

Show 10 entries

Search:

SL	Name	Mobile Number	Email	Address	Action
1	Madina	(717) 550-1675	madina@gmail.com	Section 1 Uttara Housing	
2	Shah	(209) 300-2557	shahi@gmail.com	South Goran Khilgha	
3	Walton	(234) 109-6666	walton@gmail.com	Gulshan Link Road	
4	KSRM	(212) 658-3916	ksrmi@gmail.com	New Bazar Dhaka	
5	Bosundora	(248) 762-0356	bosundora@gmail.com	Puran Platon	

Showing 1 to 5 of 5 entries

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Fig: All Supplier Data

Add Supplier Page

Supplier Name

Supplier Mobile

Supplier Email

Supplier Address

Add Supplier

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Fig: Add Supplier Data

Invento.

Raiseni

MENU

Dashboard

Manage Suppliers

Manage Customers

Manage Units

Manage Category

Manage Product

Manage Purchase

Manage Invoice

STOCK

Manage Stock

PAGES

Home Slide Setup

About Page Setup

Portfolio Page Setup


Blog Category

Blog Page

Footer Page

Contact Message

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Edit Supplier Page

Supplier Name

Madina

Supplier Mobile

(717) 550-1675

Supplier Email

madina@gmail.com

Supplier Address

Section 1 Uttara Housing

Edit Supplier

Fig: Edit Supplier Data

- Manage Customers

Invento.

Raiseni

MENU

Dashboard

Manage Suppliers

Manage Customers

All Customers

Credit Customers

Paid Customers

Customer Wise Report

Manage Units

Manage Category

Manage Product

Manage Purchase

Manage Invoice

STOCK

Manage Stock

PAGES


Home Slide Setup

About Page Setup

Portfolio Page Setup

Blog Category

2023 Invento

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CUSTOMER ALL

Add Customer

Customer All Data

Show 10 entries

Search

Sl	Name	Customer Image	Email	Address	Action
1	MD. Raisul Islam Niloy		raisulislamniloy47@gmail.com	307/3 South Goran, Lane #3, Shantipur, Khilgon-1219	 
2	Taz		aadvadi@gmail.com		 
3	Jhon		xyz@gmail.com		 
4	Martin Mccarthy		syxu@mailinator.com	Dolore id ut natus	 
5	Brody Coleman		utafove@mailinator.com	Consectetur numquam	 
6	Rachel Nolan		warisora@mailinator.com	Ex quod voluptatibus	 

Showing 1 to 6 of 6 entries

1

Fig: All Customer Data

Invento.

Raiseni

MENU

Dashboard

Manage Suppliers

Manage Customers

Manage Units

Manage Category

Manage Product

Manage Purchase

Manage Invoice

STOCK

Manage Stock

PAGES

Home Slide Setup

About Page Setup

Portfolio Page Setup

Blog Category

Blog Page

Footer Page

Contact Message

Add Customer Page

Customer Name

Customer Mobile

Customer Email

Customer Address

Customer Image

Choose File

No file chosen

NO IMAGE

Add Customer

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Fig: Add Customer Data

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Raiseni

MENU

Dashboard

Manage Suppliers

Manage Customers

Manage Units

Manage Category

Manage Product

Manage Purchase

Manage Invoice

STOCK

Manage Stock

PAGES

Home Slide Setup

About Page Setup

Portfolio Page Setup

Blog Category

Blog Page

Footer Page

Contact Message

Edit Customer Page

Customer Name

Customer Mobile

Customer Email

Customer Address

Customer Image

Choose File

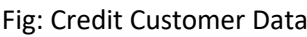
No file chosen

Update Customer

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Fig: Edit Customer Data



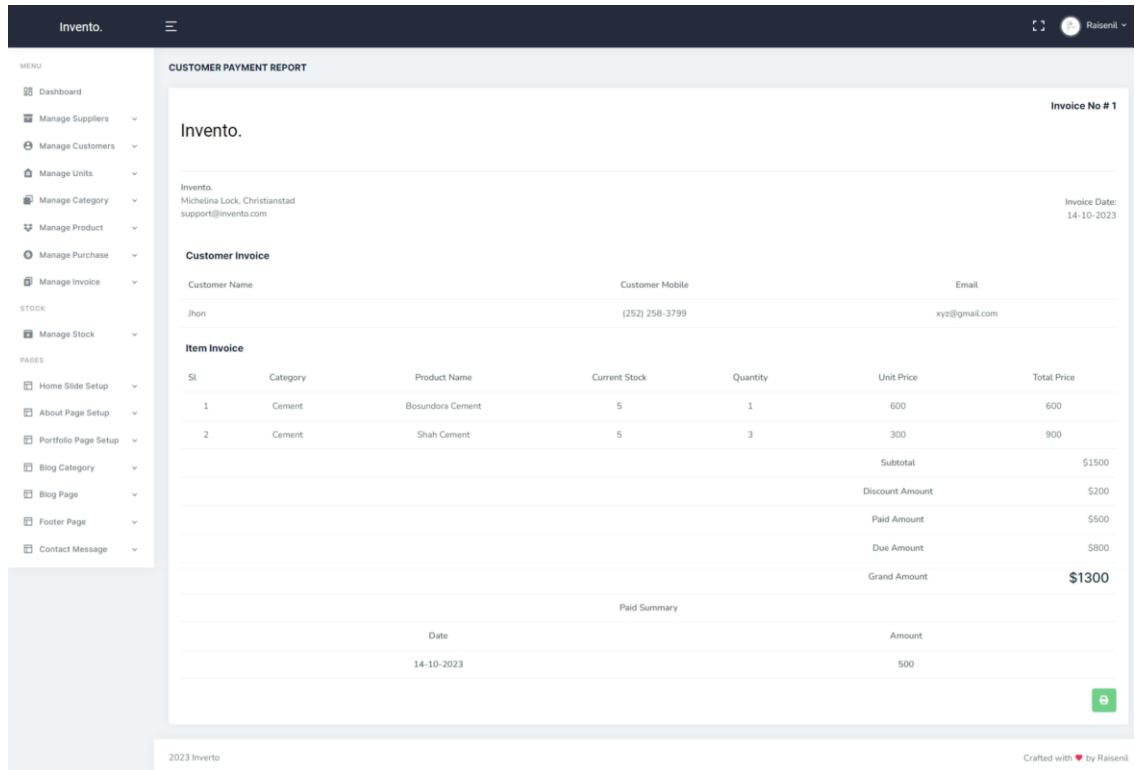


Fig: Customer Payment Report

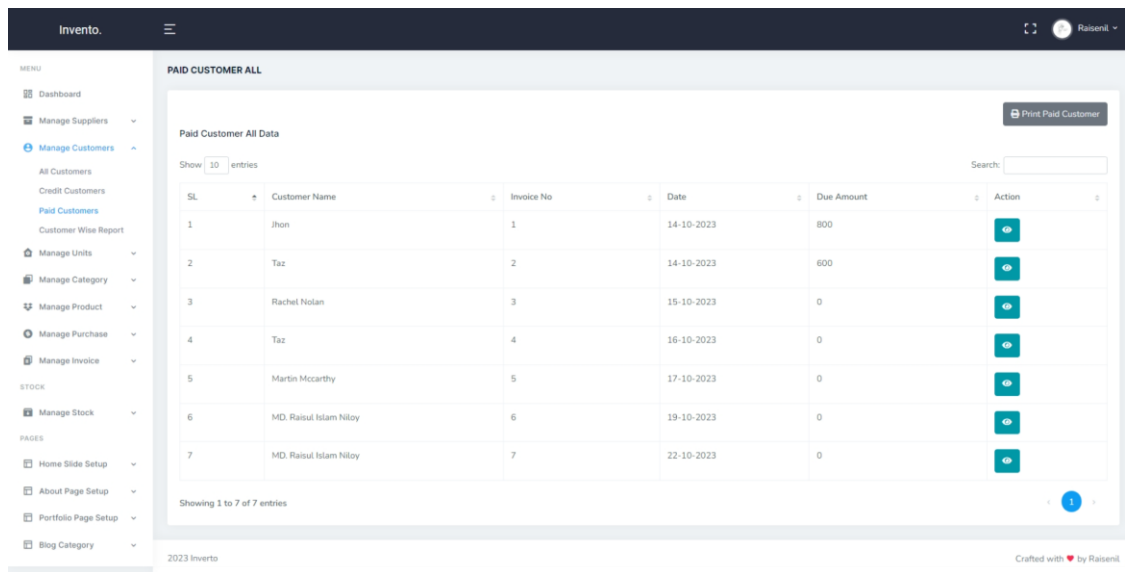


Fig: Paid A Customer Data

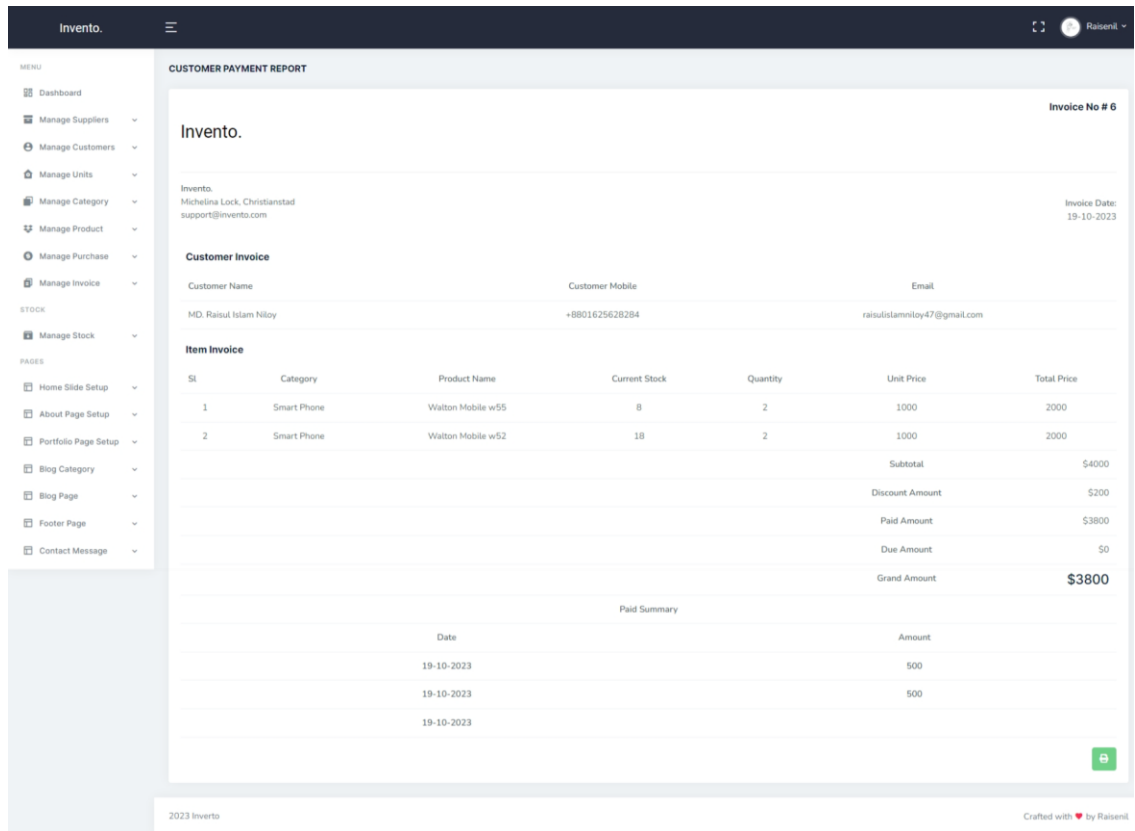


Fig: Customer Payment Report

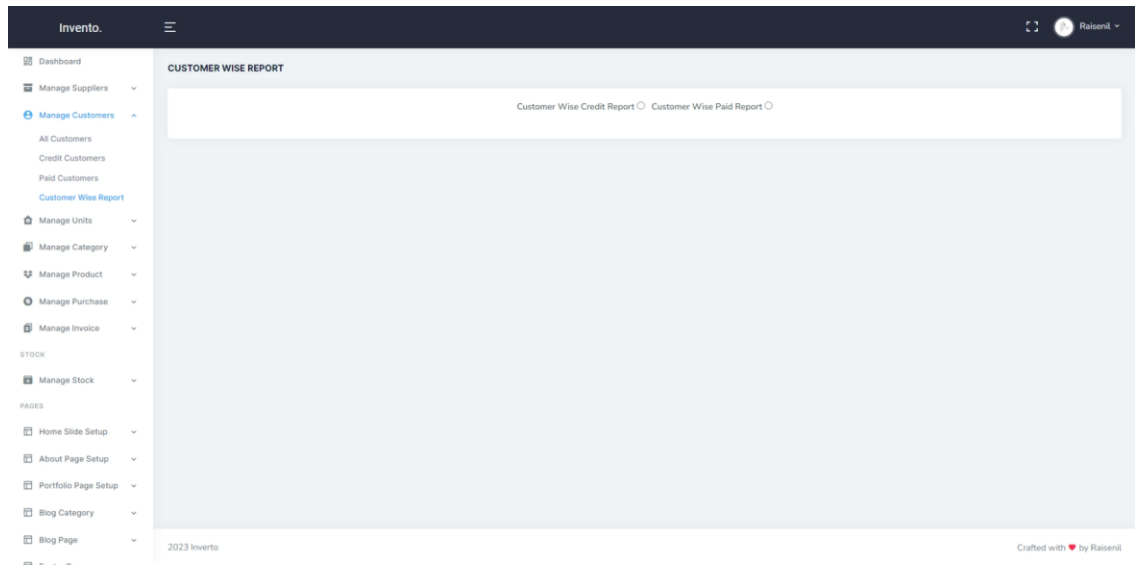


Fig: Customer Wise Credit/Paid Report

- **Manage Units**

UNIT ALL

Unit All Data

Show 10 entries

Search:

SL	Name	Action
1	PCG	
2	G	
3	KG	
4	LB	
5	OZ	

Showing 1 to 5 of 5 entries

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Fig: All Unit Data

- **Manage Category**

CATEGORY ALL

Category All Data

Show 10 entries

Search:

Add Category

SL	Name	Action
1	Steel	
2	Smart Phone	
3	LED TV	
4	Cement	

Showing 1 to 4 of 4 entries

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Fig: All Category Data

- **Manage Product**

PRODUCT ALL

Product All Data

Show 10 entries

Search:

SL	Name	Supplier Name	Unit	Category	Action
1	Walton Mobile w52	Walton	PCG	Smart Phone	
2	Walton Mobile w55	Walton	PCG	Smart Phone	
3	Madina Cement	Madina	KG	Cement	
4	Shah Cement	Shah	KG	Cement	
5	Bosundora Cement	Bosundora	KG	Cement	
6	KSRM Steel	KSRM	PCG	Steel	
7	Bosundora Steel	Bosundora	PCG	Steel	

Showing 1 to 7 of 7 entries

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Fig: All Product Data

Add Product Page

Product Name

Supplier Name

Unit Name

Category Name

Add Product

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Fig: Add Product

- **Manage Purchase**

PURCHASE ALL

Purchase All Data

Show 10 entries

Search:

SL	Purchase No	Date	Supplier	Category	Qty	Product Name	Status	Action
1	123	22-10-2023	Walton	Smart Phone	10	Walton Mobile w52	Approved	
2	123	22-10-2023	Walton	Smart Phone	10	Walton Mobile w55	Pending	
3	inv-333	19-10-2023	Walton	Smart Phone	10	Walton Mobile w52	Approved	
4	inv-333	19-10-2023	Walton	Smart Phone	10	Walton Mobile w55	Approved	
5	in123132	16-10-2023	Bosundora	Steel	60	Bosundora Steel	Approved	
6	inv-12	10-10-2023	Bosundora	Cement	4	Bosundora Cement	Approved	
7	inv-3	10-10-2023	KSRM	Steel	12	KSRM Steel	Approved	
8	inv-2	10-10-2023	Bosundora	Cement	5	Bosundora Cement	Approved	
9	inv-4	01-10-2023	Shah	Cement	10	Shah Cement	Approved	

Showing 1 to 9 of 9 entries

Fig: All Purchase Data

Add Purchase

Date: 10/23/2023

Purchase No: 212

Supplier Name: Bosundora

Category Name: Cement

Product Name: Bosundora Cement

+ Add More

Category	Product Name	PSC/KG	Unit Price	Description	Total Price	Action
Cement	Bosundora Cement				0	
Cement	Bosundora Cement				0	
Cement	Bosundora Cement				0	
					0	

+ Add Purchase

Fig: New Purchase

Invento.

Manage Customers

Manage Units

Manage Category

Manage Product

Manage Purchase

Approval Purchases

Daily Purchases Report

Manage Invoice

STOCK

Manage Stock

PAGES

Home Slide Setup

About Page Setup

Portfolio Page Setup

Blog Category

Blog Page

Footer Page

Contact Message

PURCHASE PENDING

Purchase All Pending Data

Show 10 entries

Search:

SL	Purchase No	Date	Supplier	Category	Qty	Product Name	Status	Action
1	123	22-10-2023	Walton	Smart Phone	10	Walton Mobile w55	Pending	

Showing 1 to 1 of 1 entries

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Fig: Approve Purchase

Invento.

Dashboard

Manage Suppliers

Manage Customers

Manage Units

Manage Category

Manage Product

Manage Purchase

Manage Invoice

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Manage Stock

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Blog Category

Blog Page

Footer Page

Contact Message

DAILY PURCHASE REPORT

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Invento.

Micheline Lock, Christianstad

support@invento.com

Daily Purchase Report

01-10-2023 - 23-10-2023

Item Invoice

Sl	Purchase No	Date	Product Name	Quantity	Unit Price	Total Price
1	inv-2	10-10-2023	Bosundora Cement	5 KG	300	1500
2	inv-3	10-10-2023	KSRM Steel	12 PCG	200	2400
3	inv-4	01-10-2023	Shah Cement	10 KG	150	1500
4	inv-12	10-10-2023	Bosundora Cement	4 KG	200	800
5	in123132	16-10-2023	Bosundora Steel	60 PCG	500	30000
6	inv-333	19-10-2023	Walton Mobile w55	10 PCG	1000	10000
7	inv-333	19-10-2023	Walton Mobile w52	10 PCG	1000	10000
8	123	22-10-2023	Walton Mobile w52	10 PCG	100	1000
Grand Amount					\$57200	

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Fig: Daily Purchase Report

- **Manage Invoice**

The screenshot shows the 'Manage Invoice' page in the 'Invento.' application. The left sidebar contains a menu with options like 'Manage Customers', 'Manage Units', 'Manage Category', 'Manage Product', 'Manage Purchase', and 'Manage Invoice' (which is highlighted). Below the menu are sections for 'STOCK' and 'PAGES'. The main content area is titled 'INVOICE ALL' and 'Invoice All Data'. It features a table with 6 columns: SL, Customer Name, Invoice No, Date, Description, and Amount. The table contains 6 entries. At the bottom of the table, it says 'Showing 1 to 6 of 6 entries'. There is an 'Add Invoice' button in the top right corner of the table area. The footer of the page says '2023 Invento' and 'Crafted with ❤️ by Raisani'.

SL	Customer Name	Invoice No	Date	Description	Amount
1	MD. Raisul Islam Niloy	#6	19-10-2023	For Work Purpose	\$ 3800
2	Martin Mccarthy	#5	17-10-2023		\$ 900
3	Taz	#4	16-10-2023	Quaerat velit nobis	\$ 950
4	Rachel Nolan	#3	15-10-2023	test	\$ 900
5	Taz	#2	14-10-2023	test data	\$ 1000
6	Jhon	#1	14-10-2023	Cement Data	\$ 1300

Fig: All Invoice Data

The screenshot shows the 'Add Invoice' form in the 'Invento.' application. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Add Invoice'. It contains several input fields: 'Inv No' (with value '8'), 'Date' (with value '10/23/2023'), 'Category Name' (with a dropdown menu), 'Product Name' (with a dropdown menu), and 'Stock(Pic/Kg)'. There is an 'Add More' button next to the 'Stock(Pic/Kg)' field. Below these fields is a table with 7 columns: Category, Product Name, PSC/KG, Unit Price, Total Price, Discount Amount, and Action. The table has 3 rows: 'Discount', 'Grand Total', and a row with '0' in the 'Total Price' column. Below the table is a text area for 'Write Description Here'. At the bottom, there are two dropdown menus: 'Paid Status' (with value 'Select Status') and 'Customer Name' (with value 'Select Customer'). There is an 'Add Invoice' button at the bottom left of the form. The footer of the page says '2023 Invento' and 'Crafted with ❤️ by Raisani'.

Category	Product Name	PSC/KG	Unit Price	Total Price	Discount Amount	Action
Discount						
Grand Total				0		

Fig: New Invoice

- **Manage Stock**

STOCK REPORT ALL

Stock Report

Show 10 entries

Search

SL	Supplier Name	Unit	Category	Product Name	In Qty	Out Qty	Stock
1	Bosundora	KG	Cement	Bosundora Cement	9	4	5
2	Bosundora	PCG	Steel	Bosundora Steel	60	5	55
3	KSRM	PCG	Steel	KSRM Steel	12	0	12
4	Walton	PCG	Smart Phone	Walton Mobile w55	10	2	8
5	Walton	PCG	Smart Phone	Walton Mobile w52	20	2	18
6	Shah	KG	Cement	Shah Cement	10	5	5
7	Madina	KG	Cement	Madina Cement	0	0	0

Showing 1 to 7 of 7 entries

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Fig: All Stock Data

SUPPLIER WISE STOCK REPORT

Invento.

Invento.
Micheline Lock, Christianstad
support@invento.com

Item Invoice

Supplier Name: Bosundora

SL	Supplier Name	Unit	Category	Product Name	Stock
1	Bosundora	KG	Cement	Bosundora Cement	5
2	Bosundora	PCG	Steel	Bosundora Steel	55

Printing Time : October 23, 2023, 6:17 am

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Fig: Supplier Wise Stock Report

Invento.

MENU

Dashboard

Manage Suppliers

Manage Customers

Manage Units

Manage Category

Manage Product

Manage Purchase

Manage Invoice

STOCK

Manage Stock

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Blog Category

Blog Page

Footer Page

Contact Message

PRODUCT WISE STOCK REPORT

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Michelina Lock, Christianstad
support@invento.com

Item Invoice

Supplier Name	Unit	Category	Product Name
Bosundora	KG	Cement	Bosundora Cement

Printing Time : October 23, 2023, 6:17 am

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Fig: Product Wise Stock Report