

Introduction

This is a Stock Management System in PHP and [MySQL Database](#). This is a web-based application that provides an online and automated platform for shops or businesses. This project can manage the company's Purchase Orders, Receiving, Back Orders, returns, and Sales Records. The application has a pleasant user interface with the help of Bootstrap Library and AdminLTE template. This has also user-friendly functionalities.

About the Stock Management System

I developed this project using the following:

- [XAMPP v3.3.0](#) as my local webserver that has a [PHP Version 8.0.7](#)
- PHP Language
- MySQL Database
- HTML
- CSS
- JavaScript
- jQuery
- Ajax
- Bootstrap
- AdminLTE
- and some other plugins/libraries.

This Stock Management System can be only accessed by 2 types of users which are the System Admins and Staff. The Admin User can access and manage all the pages, forms, and features do the web application does while the Staff Users have limited access only.

The Stock Records such as the Purchase Order, Receiving, etc. in this project have print features for each record. Talking about the flow of this project, first, the admin users must populate all the important lists which are the supplier list and the item list. Next, users will create a Purchase Order Record for a supplier. After that, users can receive the items in each purchase order which means PO Record is required in order

to add stock of the item. Then, when receiving the items when the supplier will only deliver some of the items or not complete, the system will automatically create a new Back Order Record for the items that are not delivered yet. BO records work like the Purchase Order Record. Next, when the received items have problems, issues, or etc., the management can create the Return Record and upon saving this file, the system will also automatically deduct the damaged items to the stock availability. Lastly, the sales record is the record of the company for stocks that have been purchased by their clients or customers. Each stock listed in the sales record will also be deducted from the stock availability.

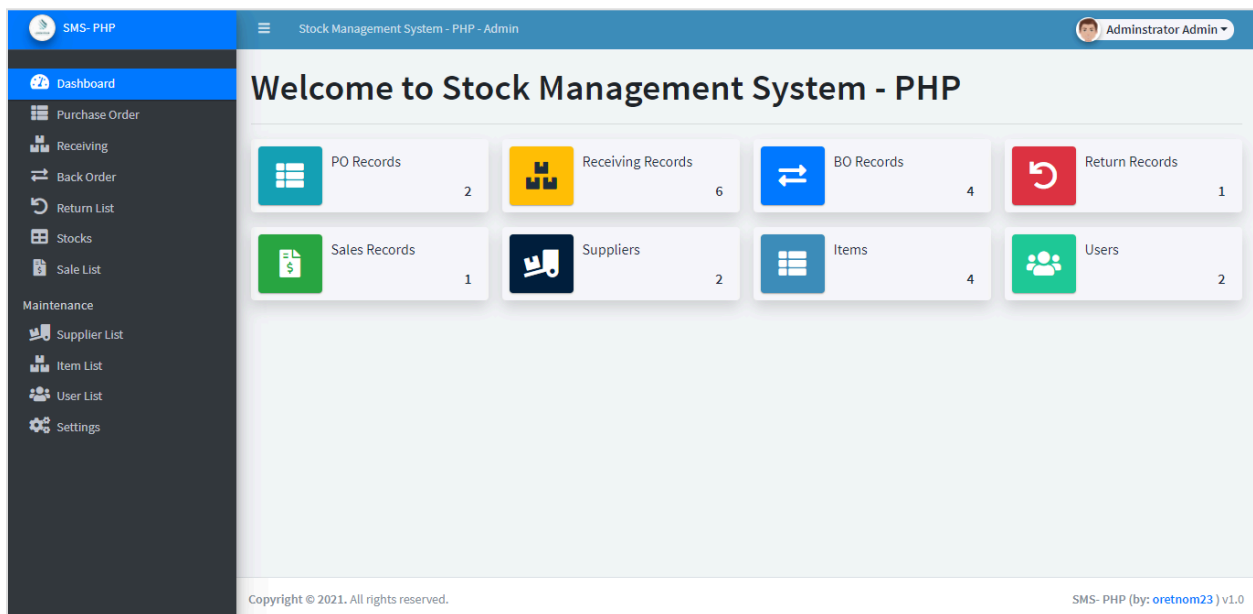
Features

- Secure Login and Logout
- Manage Supplier List (CRUD)
- Manage Item List (CRUD)
- Manage Purchase Order Records
 - Create New
 - Edit Record
 - View Record
 - Print Record
 - Delete Records
- Manage Receiving Records
 - Receive From PO (Purchase Order)
 - Automatically Creates New Back Order for Lacking Items/Stocks
 - Edit Record
 - Print Record
 - Automatically adds to Item stock availability
 - Delete Record
- Manage Back Order Records
 - View Record
 - Receive BO
 - Print Record
- Manage Return Records
 - Create New Records

- View Record
- Edit Record
- Print Record
- Delete Record
- Automatically updates the stock availability upon saving
- Manage Sales Records
 - Create New Records
 - View Record
 - Edit Record
 - Print Record
 - Delete Record
 - Automatically updates the stock availability upon saving
- Manage Users list (CRUD)
- Manage Account Details/Credentials
- Manage System Information

System Snapshots of some Features

Dashboard Page



Purchase Order List

SMS- PHP

Dashboard

Purchase Order

Receiving

Back Order

Return List

Stocks

Sale List

Maintenance

Supplier List

Item List

User List

Settings

Stock Management System - PHP - Admin

Administrator Admin

List of Purchase Orders

Create New

Show 10 entries

Search:

#	Date Created	PO Code	Supplier	Items	Status	Action
1	2021-11-03 11:50	PO-0002	Supplier 102	2	Received	Action
2	2021-11-03 11:20	PO-0001	Supplier 101	1	Received	Action

Showing 1 to 2 of 2 entries

Previous1Next

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Purchase Order Printable Details

SMS- PHP

Dashboard

Purchase Order

Receiving

Back Order

Return List

Stocks

Sale List

Maintenance

Supplier List

Item List

User List

Settings

Stock Management System - PHP - Admin

Administrator Admin

Purchase Order Details - PO-0002

P.O. Code

Supplier

PO-0002

Supplier 102

Orders

Qty	Unit	Item	Cost	Total
300.00	Boxes	Item 102 Sample only	200	60,000
200.00	pcs	Item 104 Sample only	205	41,000
Sub Total				101,000.00
Discount 5%				5,050.00
Tax 12%				11,514.00
Total				107,464.00

Remarks

RECEIVED

Sample PO Only

Print

Edit

Back To List

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Receiving Printable Details

SMS - PHP

Dashboard

Purchase Order

Receiving

Back Order

Return List

Stocks

Sale List

Maintenance

Supplier List

Item List

User List

Settings

Stock Management System - PHP - Admin

Administrator Admin

Received Order Details - PO-0002

FROM P.O. Code

Supplier

PO-0002

Supplier 102

FROM B.O. Code

BO-0003

Orders

Qty	Unit	Item	Cost	Total
100.00	Boxes	Item 102 Sample only	200	20,000
50.00	pcs	Item 104 Sample only	205	10,250
Sub Total				30,250.00
Discount 5%				1,512.50
Tax 12%				3,448.50
Total				32,186.00

Remarks

PARTIALLY RECEIVED

BO Receive (Partial)

Print

Edit

Back To List

Back Order Printable Details

SMS - PHP

Dashboard

Purchase Order

Receiving

Back Order

Return List

Stocks

Sale List

Maintenance

Supplier List

Item List

User List

Settings

Stock Management System - PHP - Admin

Administrator Admin

Back Order Details - BO-0004

From P.O. Code

Supplier

PO-0002

Supplier 102

B.O. Code

BO-0004

Orders

Qty	Unit	Item	Cost	Total
50.00	Boxes	Item 102 Sample only	200	10,000
Sub Total				10,000.00
Discount 5%				500.00
Tax 12%				1,140.00
Total				10,640.00

Remarks

RECEIVED

N/A

Print

Back To List

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Return's Printable Details

SMS- PHP

Stock Management System - PHP - Admin

Administrator Admin

Dashboard

Purchase Order

Receiving

Back Order

Return List

Stocks

Sale List

Maintenance

Supplier List

Item List

User List

Settings

Return Record - R-0001

Return Code

R-0001

Supplier

Supplier 102

Items

Qty	Unit	Item	Cost	Total
10	pcs	Item 102 Sample only	200	2,000
5	boxes	Item 104 Sample only	205	1,025
Total				3,025.00

Remarks

Sample Issue

Print

Edit

Back To List

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Sales Printable Details

SMS- PHP

Stock Management System - PHP - Admin

Administrator Admin

Dashboard

Purchase Order

Receiving

Back Order

Return List

Stocks

Sale List

Maintenance

Supplier List

Item List

User List

Settings

Sales Record - SALE-0001

Sales Code

SALE-0001

Client Name

John Smith

Items

Qty	Unit	Item	Cost	Total
10	pcs	Item 101 Sample Only	150	1,500
5	pcs	Item 102 Sample only	200	1,000
25	boxes	Item 104 Sample only	205	5,125
Total				7,625.00

Remarks

Sample Remarks

Print

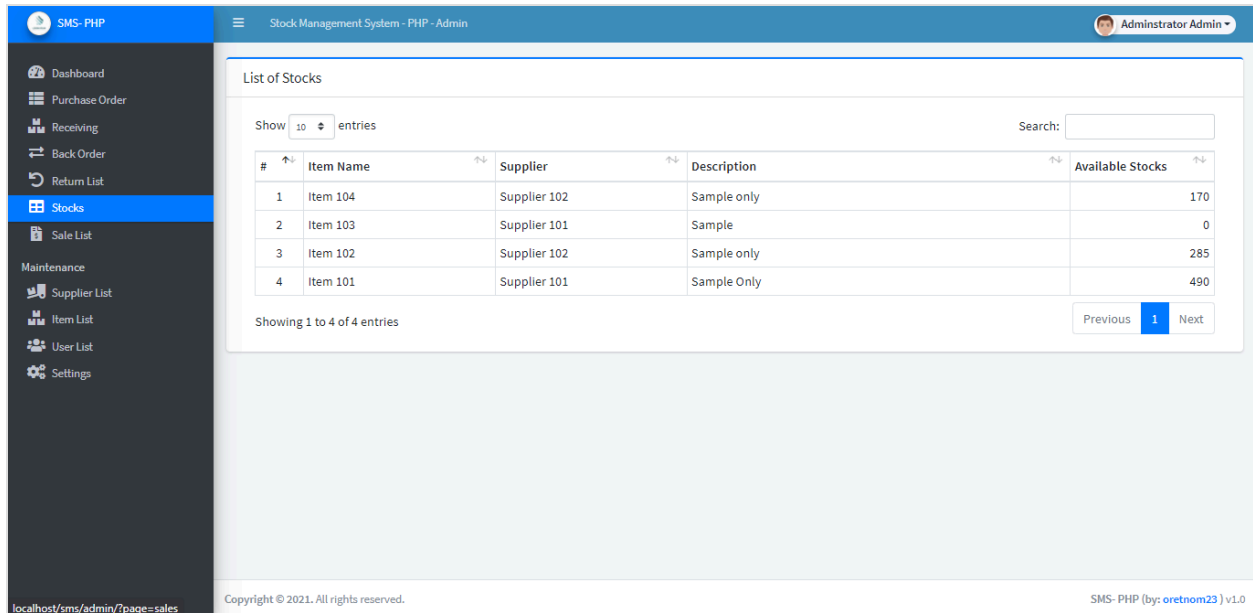
Edit

Back To List

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Stock Availablity List



How to Run ??

Requirements

- Download and Install any local web server such as XAMPP/WAMP.
- Download the provided source code zip file. (download button is located below)

Installation/Setup

1. Open your XAMPP/WAMP's Control Panel and start **Apache** and **MySQL**.
2. Extract the downloaded source code zip file.
3. If you are using XAMPP, copy the extracted source code folder and paste it into the XAMPP's "htdocs" directory. And If you are using WAMP, paste it into the "www" directory.
4. Browse the **PHPMyAdmin** in a **browser**. i.e. <http://localhost/phpmyadmin>
5. Create a new database naming **sms_db**.
6. Import the provided **SQL** file. The file is known as **sms_db.sql** located inside the database folder.
7. Browse the Stock Management System in a browser. i.e. <http://localhost/sms/>.

Default Admin Access Information

Username: admin

Password: admin123