

RETAIL MANAGEMENT SYSTEM

Review 3 – Final Review

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Prepared For

DATABASE SYSTEMS (CSE2004) – PROJECT COMPONENT

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INTRODUCTION

Every startup focuses on well managed website, and a database system. Security and simplicity is its prime aim.

Every startup wants its costumer to easily access its products in order to increase its accessibility. Thus, this project will help the startup to **simplify, standardize and secure** its business. This project not only functions to capture attention of customer but also the manufacturers. This project will not only help to reduce purchasing cost but will also increase the profit margin. It also helps the company to cope up with the global market.

PROJECT SCOPE

Retail Management System aims at automation of the following processes:

- a. Customer, manufacturer and product registration and records.
- b. Simplifying Online database management system.
- c. Minimizing product cost, through online bidding system.
- d. Online customers and manufacture registration.
- e. Online stock management.
- f. Online purchasing.
- g. Sales performance review and analysis.

Modules:

1. Authentication Module
 - a) Manufacturer Authentication
 - b) Customer Authentication
2. Registration Module
 - a) Manufacturer Registration
 - b) Customer Registration
3. Product Bidding and Filtration
4. Product Purchase
5. Online Stock Management
6. Sales Analytics and Purchasing Trends

4. 1 Software Resource Requirements

- MySQL
- HTML 5
- PHPMYAdmin
- Xampp Server
- Yed graph editor

4.2 Functional & Non-Functional Requirements

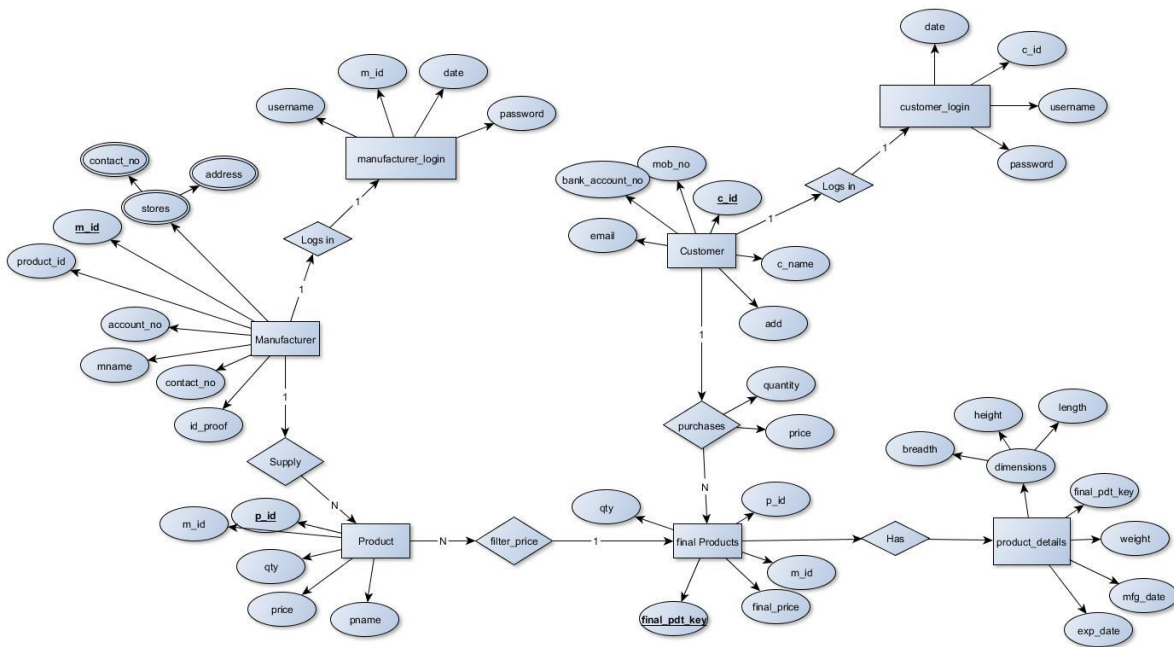
Functional Requirements:

1. Manufacturer and Customer should register as users of our website. Their details must be stored in the database.
2. Manufacturer and customer should have a separate authentication (login).
3. Manufacturers can login to view their products and purchases. They can manage their stock online.
4. Sensitive data such as passwords and bank details are protected.
5. The product details are displayed to the Manufacturer
6. Upon purchase of product, price and quantity is altered throughout the database.
7. Tracking of buying trends of customer.

Non-Functional Requirements:

1. Registration of users: Manufacturer and customer details are stored in mysql database. Provision to enter their details is made through front end website using php and html.
2. Login: Separate login is provided in front end implemented using php and html, login consists of username and password.
3. Online stock management implemented using html and php. Increase quantity, decrease quantity, add products, delete products options will be given. Corresponding changes are made in database using php.
4. Final products will be displayed to customer using html.

ER DIAGRAM



The Code:

1) For Index

```
<?php
    ob_start();
    require_once('includes/load.php');
    if($session->isUserLoggedIn(true)) { redirect('home.php', false);}
?>
<?php include_once('layouts/header.php'); ?>
<div class="login-page">
    <div class="text-center">
        <h1>Welcome</h1>
        <p>Sign in to start your session</p>
    </div>
    <?php echo display_msg($msg); ?>
    <form method="post" action="auth.php" class="clearfix">
        <div class="form-group">
            <label for="username" class="control-label">Username</label>
            <input type="text" class="form-control" name="username"
placeholder="Username">
        </div>
        <div class="form-group">
            <label for="Password" class="control-label">Password</label>
            <input type="password" name="password" class="form-control" placeholder="password">
        </div>
        <div class="form-group">
            <button type="submit" class="btn btn-info pull-right">Login</button>
        </div>
    </form>
</div>
<?php include_once('layouts/footer.php'); ?>
```

2) For login:

```
<?php
    ob_start();
    require_once('includes/load.php');
    if($session->isUserLoggedIn(true)) { redirect('home.php', false);}
?>

<div class="login-page">
    <div class="text-center">
        <h1>Welcome</h1>
```

```

        <p>Sign in to start your session</p>
    </div>
    <?php echo display_msg($msg); ?>
    <form method="post" action="auth_v2.php" class="clearfix">
        <div class="form-group">
            <label for="username" class="control-label">Username</label>
            <input type="text" class="form-control" name="username"
placeholder="Username">
        </div>
        <div class="form-group">
            <label for="Password" class="control-label">Password</label>
            <input type="password" name="password" class="form-control"
placeholder="password">
        </div>
        <div class="form-group">
            <button type="submit" class="btn btn-info pull-right">Login</button>
        </div>
    </form>
</div>
<?php include_once('layouts/header.php'); ?>

```

3) For Product:

```

<?php
    $page_title = 'All Product';
    require_once('includes/load.php');
    // Checkin What level user has permission to view this page
    page_require_level(2);
    $products = join_product_table();
?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
    <div class="col-md-12">
        <?php echo display_msg($msg); ?>
    </div>
    <div class="col-md-12">
        <div class="panel panel-default">
            <div class="panel-heading clearfix">
                <div class="pull-right">
                    <a href="add_product.php" class="btn btn-primary">Add
New</a>
                </div>
            </div>
            <div class="panel-body">
                <table class="table table-bordered">
                    <thead>
                        <tr>
                            <th class="text-center" style="width: 50px;">#</th>

```

```

        <th> Photo</th>
        <th> Product Title </th>
        <th class="text-center" style="width: 10%;"> Categorie
</th>
        <th class="text-center" style="width: 10%;"> Instock
</th>
        <th class="text-center" style="width: 10%;"> Buying
Price </th>
        <th class="text-center" style="width: 10%;"> Saleing
Price </th>
        <th class="text-center" style="width: 10%;"> Product
Added </th>
        <th class="text-center" style="width: 100px;"> Actions
</th>
    </tr>
</thead>
<tbody>
    <?php foreach ($products as $product):?>
    <tr>
        <td class="text-center"><?php echo count_id();?></td>
        <td>
            <?php if($product['media_id'] === '0'): ?>
                
            <?php else: ?>
                
            <?php endif; ?>
        </td>
        <td> <?php echo remove_junk($product['name']); ?></td>
        <td class="text-center"> <?php echo
remove_junk($product['categorie']); ?></td>
        <td class="text-center"> <?php echo
remove_junk($product['quantity']); ?></td>
        <td class="text-center"> <?php echo
remove_junk($product['buy_price']); ?></td>
        <td class="text-center"> <?php echo
remove_junk($product['sale_price']); ?></td>
        <td class="text-center"> <?php echo
read_date($product['date']); ?></td>
        <td class="text-center">
            <div class="btn-group">
                <a href="edit_product.php?id=<?php echo
(int)$product['id'];?>" class="btn btn-info btn-xs" title="Edit"
data-toggle="tooltip">
                    <span class="glyphicon glyphicon-edit"></span>
                </a>
                <a href="delete_product.php?id=<?php echo
(int)$product['id'];?>" class="btn btn-danger btn-xs" title="Delete"
data-toggle="tooltip">
                    <span class="glyphicon glyphicon-trash"></span>
                </a>
            </div>
        </td>
    </tr>
    </tbody>
</table>

```



```

        </div>
    </td>
</tr>
<?php endforeach; ?>
</tbody>
</table>
</div>
</div>
</div>
<?php include_once('layouts/footer.php'); ?>

```

4) For Sales:

```

<?php
$page_title = 'All sale';
require_once('includes/load.php');
// Checkin What level user has permission to view this page
page_require_level(3);
?>
<?php
$sales = find_all_sale();
?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
    <div class="col-md-6">
        <?php echo display_msg($msg); ?>
    </div>
</div>
<div class="row">
    <div class="col-md-12">
        <div class="panel panel-default">
            <div class="panel-heading clearfix">
                <strong>
                    <span class="glyphicon glyphicon-th"></span>
                    <span>All Sales</span>
                </strong>
                <div class="pull-right">
                    <a href="add_sale.php" class="btn btn-primary">Add
sale</a>
                </div>
            </div>
            <div class="panel-body">
                <table class="table table-bordered table-striped">
                    <thead>
                        <tr>
                            <th class="text-center" style="width: 50px;">#</th>
                            <th>Product name </th>
                            <th class="text-center" style="width: 15%;">
Quantity</th>
                            <th class="text-center" style="width: 15%;"> Total
</th>

```

```

        <th class="text-center" style="width: 15%;> Date
</th>
        <th class="text-center" style="width: 100px;> Actions
</th>
    </tr>
</thead>
<tbody>
    <?php foreach ($sales as $sale):?>
    <tr>
        <td class="text-center"><?php echo count_id();?></td>
        <td><?php echo remove_junk($sale['name']); ?></td>
        <td class="text-center"><?php echo (int)$sale['qty'];
?></td>
        <td class="text-center"><?php echo
remove_junk($sale['price']); ?></td>
        <td class="text-center"><?php echo $sale['date'];
?></td>
        <td class="text-center">
            <div class="btn-group">
                <a href="edit_sale.php?id=<?php echo
(int)$sale['id'];?>" class="btn btn-warning btn-xs" title="Edit"
data-toggle="tooltip">
                    <span class="glyphicon glyphicon-edit"></span>
                </a>
                <a href="delete_sale.php?id=<?php echo
(int)$sale['id'];?>" class="btn btn-danger btn-xs" title="Delete"
data-toggle="tooltip">
                    <span class="glyphicon glyphicon-trash"></span>
                </a>
            </div>
        </td>
    </tr>
    <?php endforeach;?>
</tbody>
</table>
</div>
</div>
</div>
<?php include_once('layouts/footer.php'); ?>

```

5) For Users:

```

<?php
    $page_title = 'All User';
    require_once('includes/load.php');
?>
<?php
// Checkin What level user has permission to view this page
page_require_level(1);
//pull out all user form database
$all_users = find_all_user();

```

```

?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
    <div class="col-md-12">
        <?php echo display_msg($msg); ?>
    </div>
</div>
<div class="row">
    <div class="col-md-12">
        <div class="panel panel-default">
            <div class="panel-heading clearfix">
                <strong>
                    <span class="glyphicon glyphicon-th"></span>
                    <span>Users</span>
                </strong>
                <a href="add_user.php" class="btn btn-info pull-right">Add
New User</a>
            </div>
            <div class="panel-body">
                <table class="table table-bordered table-striped">
                    <thead>
                        <tr>
                            <th class="text-center" style="width: 50px;">#</th>
                            <th>Name </th>
                            <th>Username</th>
                            <th class="text-center" style="width: 15%;">User Role</th>
                            <th class="text-center" style="width: 10%;">Status</th>
                            <th style="width: 20%;">Last Login</th>
                            <th class="text-center" style="width: 100px;">Actions</th>
                        </tr>
                    </thead>
                    <tbody>
                        <?php foreach($all_users as $a_user): ?>
                            <tr>
                                <td class="text-center"><?php echo count_id();?></td>
                                <td><?php echo remove_junk(ucwords($a_user['name']))?></td>
                                <td><?php echo
remove_junk(ucwords($a_user['username']))?></td>
                                <td class="text-center"><?php echo
remove_junk(ucwords($a_user['group_name']))?></td>
                                <td class="text-center">
                                    <?php if($a_user['status'] === '1'): ?>
                                        <span class="label label-success"><?php echo "Active";
?></span>
                                    <?php else: ?>
                                        <span class="label label-danger"><?php echo "Deactive";
?></span>
                                    <?php endif;?>
                                </td>
                                <td><?php echo read_date($a_user['last_login'])?></td>
                                <td class="text-center">
                                    <div class="btn-group">

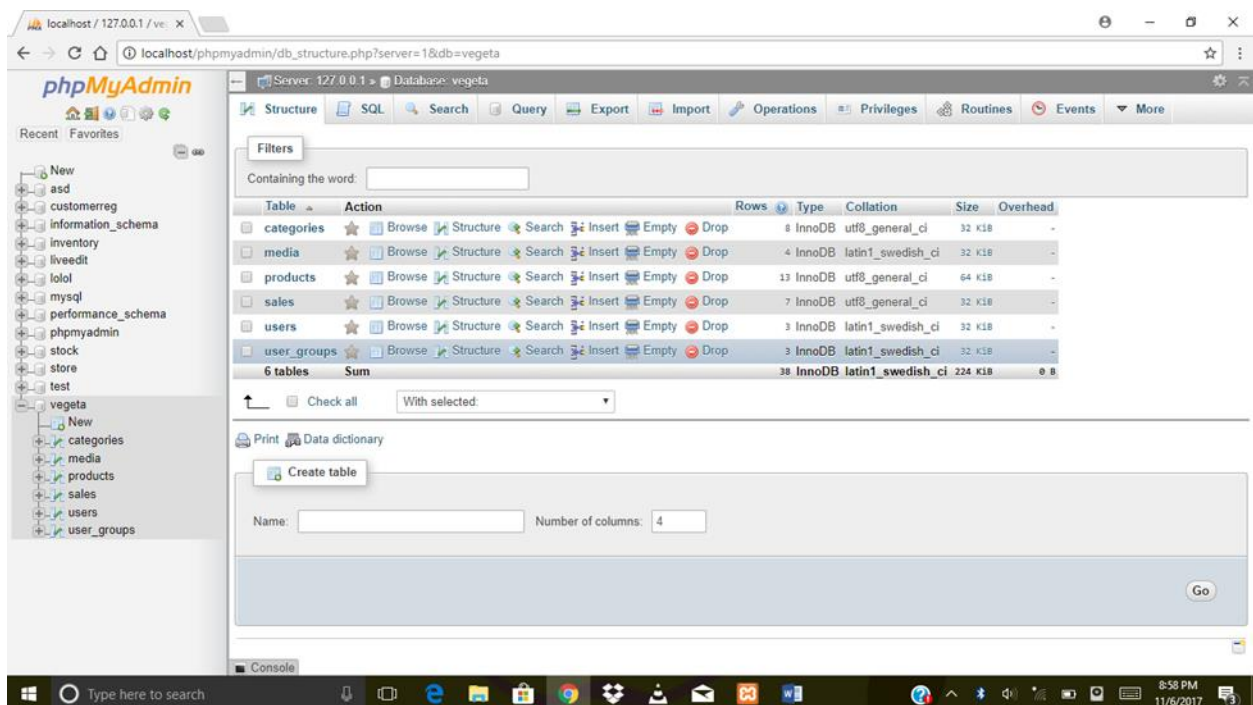
```

```

        <a href="edit_user.php?id=<?php echo
(int)$a_user['id'];?>" class="btn btn-xs btn-warning" data-
toggle="tooltip" title="Edit">
        <i class="glyphicon glyphicon-pencil"></i>
    </a>
    <a href="delete_user.php?id=<?php echo
(int)$a_user['id'];?>" class="btn btn-xs btn-danger" data-
toggle="tooltip" title="Remove">
        <i class="glyphicon glyphicon-remove"></i>
    </a>
</div>
</td>
</tr>
<?php endforeach;?>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php include_once('layouts/footer.php'); ?>

```

SCREENSHOTS :



localhost / 127.0.0.1 / ve. x

localhost/phpmyadmin/sql.php?server=1&db=vegeta&table=products&pos=0

phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: vegeta » Table: products

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

		id	name	quantity	buy_price	sale_price	categorie_id	media_id	date
<input type="checkbox"/>	Edit Copy Delete	1	chips	49997	15.00	20.00	1	1	2017-11-08 05:10:27
<input type="checkbox"/>	Edit Copy Delete	2	softdrinks	25000	45.00	65.00	1	11	2017-11-09 07:08:36
<input type="checkbox"/>	Edit Copy Delete	3	tshirts	2900	200.00	250.00	2	12	2017-11-19 06:11:33
<input type="checkbox"/>	Edit Copy Delete	4	skirt	4495	1000.00	1999.00	2	13	2017-11-01 09:16:34
<input type="checkbox"/>	Edit Copy Delete	5	lockets	98	20000.00	30000.00	3	16	2017-11-21 06:34:21
<input type="checkbox"/>	Edit Copy Delete	6	earrings	297	15000.00	22000.00	3	39	2017-11-20 00:00:00
<input type="checkbox"/>	Edit Copy Delete	7	table	50	36000.00	45000.00	4	63	2017-11-30 00:00:00
<input type="checkbox"/>	Edit Copy Delete	8	cupboard	20	34000.00	36000.00	4	78	2017-11-12 00:00:00
<input type="checkbox"/>	Edit Copy Delete	9	desktop	100	50000.00	65000.00	5	77	2017-11-07 00:00:00
<input type="checkbox"/>	Edit Copy Delete	10	printer	120	22000.00	26000.00	5	89	2017-11-19 00:00:00
<input type="checkbox"/>	Edit Copy Delete	11	chocolates	990	50.00	75.00	1	0	2017-11-05 00:21:06
<input type="checkbox"/>	Edit Copy Delete	12	boots	3000	250.00	300.00	6	0	2017-11-05 09:51:32
<input type="checkbox"/>	Edit Copy Delete	13	pens	470	8.00	10.00	8	0	2017-11-06 14:48:22

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

localhost/phpmyadmin/tbl_change.php?db=vegeta&table=products&where_claus... Export Display chart Create view

Simple inventory System x

localhost/goku/warehouse-inventory-system-master/

Welcome

Sign in to start your session

Username

Password

Login

Home Page

localhost/goku/warehouse-inventory-system-master/home.php

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:29 pm

Admin User

INVENTORY

User Management

Categories

Products

Medias

Sales

Sales Report

Welcome to OSWA INV.

SALES AND INVENTORY

Update the sales made by Shikhar,Paul and Swami

All Group

localhost/goku/warehouse-inventory-system-master/group.php

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:29 pm

Admin User

INVENTORY

User Management

Categories

Products

Medias

Sales

Sales Report

GROUPS

ADD NEW GROUP

All Product

localhost/goku/warehouse-inventory-system-master/product.php

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:29 pm

Admin User

INVENTORY

User Management

Categories













Products

Medias

Sales

Sales Report

ADD NEW

#	Photo	Product Title	Categorie	Instock	Buying Price	Saleing Price	Product Added	Actions
1		chips	food	49997	15.00	20.00	November 8, 2017, 5:10:27 am	 
2		softdrnks	food	25000	45.00	65.00	November 9, 2017, 7:08:36 am	 
3		tshirts	clothing	2900	200.00	250.00	November 19, 2017, 6:11:33 am	 
4		skirt	clothing	4495	1000.00	1999.00	November 1, 2017, 9:16:34 am	 
5		lockets	accessories	98	20000.00	30000.00	November 21, 2017, 6:34:21 am	 
6		earrings	accessories	297	15000.00	22000.00	November 20, 2017,	 

Add Sale

localhost/goku/warehouse-inventory-system-master/add_sale.php

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:29 pm

Admin User

INVENTORY

User Management

Categories

Products

Medias

Sales

Sales Report

Find it chips

SALE EDIT

Item	Price	Qty	Total	Date	Action
chips	<input type="text" value="20.00"/>	<input type="text" value="1"/>	<input type="text" value="20.00"/>	<input type="text" value="11/06/2017"/>	<input type="button" value="Add sale"/>

Default Page Title

localhost/goku/warehouse-inventory-system-master/sale_report_process.php

Sales Report

2017-11-01 To 2017-11-30

Date	Product Title	Buying Price	Selling Price	Total Qty	TOTAL
2017-11-22	Chips	15.00	20.00	200	4000.00
2017-11-13	Tshirts	200.00	250.00	50	12500.00
2017-11-06	Earrings	15000.00	22000.00	3	66000.00
2017-11-06	Pens	8.00	10.00	30	300.00
2017-11-05	Locketts	20000.00	30000.00	2	60000.00
2017-11-05	Skirt	1000.00	1999.00	5	9995.00
2017-11-04	Chips	15.00	20.00	1	20.00
				GRAND TOTAL	\$ 152,815.00
				PROFIT	\$49,560.00

Type here to search

9:00 PM 11/6/2017

My profile

localhost/goku/warehouse-inventory-system-master/profile.php?id=1

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:30 pm

Admin User

INVENTORY

User Management

Categories

Products

Medias

Sales

Sales Report

Admin User

Edit profile

Type here to search

9:00 PM 11/6/2017

Edit Account

localhost/goku/warehouse-inventory-system-master/edit_account.php

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:30 pm

Admin User

INVENTORY

User Management

Categories

Products


Medias

Sales

Sales Report

Photo has been uploaded.

CHANGE MY PHOTO



No file chosen

Change

EDIT MY ACCOUNT

Name

Admin User

Username

Admin

Update

Change Password

All categories

localhost/goku/warehouse-inventory-system-master/categorie.php

SHIKHAR,PAUL AND SWAMI-

November 6, 2017, 4:31 pm

Admin User

INVENTORY

User Management

Categories

Products

Medias

Sales

Sales Report

ADD NEW CATEGORIE

Categorie Name

Add categorie

ALL CATEGORIES

#	Categories	Actions
1	Accessories	 
2	Clothing	 
3	Food	 
4	Home	 
5	Office	 
6	Sports	 
7	Stationary	 
8	Toys	 

SHIKHAR,PAUL AND SWAMI- November 6, 2017, 4:31 pm Admin User

INVENTORY

User Management

Categories

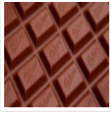





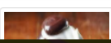

Products

Medias

Sales

Sales Report

ALL PHOTOS No file chosen Upload

#	Photo	Photo Name	Photo Type	Actions
1		chocolate3.jpg	image/jpeg	
2		ferrero_rocher.jpg	image/jpeg	
3		dairymilk.jpg	image/jpeg	
4		chocolate2.jpg	image/jpeg	

Type here to search

warehouse-inventory-system-master

File Home Share View

Pin to Quick access Copy Paste Cut Copy path Paste shortcut Move to Copy to Delete Rename New item Easy access Properties Open Edit Select all Select none Invert selection Select

Clipboard Organize New Open History Select

This PC > Windows (C:) > DBMSPROJ > htdocs > goku > warehouse-inventory-system-master

Search warehouse-inventory-...

Name	Date modified	Type	Size
includes	11/5/2017 3:56 AM	File folder	
layouts	11/5/2017 3:56 AM	File folder	
libs	11/5/2017 3:56 AM	File folder	
uploads	11/5/2017 3:56 AM	File folder	
DS_Store	11/5/2017 3:55 AM	DS_STORE File	11 KB
add_group.php	11/5/2017 3:55 AM	PHP File	3 KB
add_product.php	11/5/2017 3:55 AM	PHP File	6 KB
add_sale.php	11/5/2017 4:32 AM	PHP File	3 KB
add_user.php	11/5/2017 3:55 AM	PHP File	3 KB
admin.php	11/5/2017 4:34 AM	PHP File	7 KB
ajax.php	11/5/2017 3:55 AM	PHP File	3 KB
auth.php	11/5/2017 3:55 AM	PHP File	1 KB
auth_v2.php	11/5/2017 3:55 AM	PHP File	2 KB
categorie.php	11/5/2017 3:55 AM	PHP File	4 KB
change_password.php	11/5/2017 3:55 AM	PHP File	3 KB
daily_sales.php	11/5/2017 3:55 AM	PHP File	2 KB
delete_categorie.php	11/5/2017 3:55 AM	PHP File	1 KB
delete_group.php	11/5/2017 3:55 AM	PHP File	1 KB
delete_media.php	11/5/2017 3:55 AM	PHP File	1 KB
delete_product.php	11/5/2017 3:55 AM	PHP File	1 KB
delete_sale.php	11/5/2017 3:55 AM	PHP File	1 KB
delete_user.php	11/5/2017 3:55 AM	PHP File	1 KB
edit_account.php	11/5/2017 3:55 AM	PHP File	4 KB
edit_categorie.php	11/5/2017 3:55 AM	PHP File	2 KB

44 items

Type here to search

9:05 PM 11/6/2017

Bibliography :

Warehouse & Material Handling: the good flow of materials inside a warehouse is crucial for modern inventory management

- Basic Inventory Control: deals with basic knowledge of inventory management
- Warehouse Design: a long term planning of material flow inside a warehouse

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<http://smallbusiness.chron.com/create-online-inventory-13526.html>

