



KONGU ENGINEERING COLLEGE

(AUTONOMOUS)

PERUNDURAI, ERODE – 638 060

DEPARTMENT OF INFORMATION TECHNOLOGY

CASE TOOL LABORATORY

RESORT RESERVATION APPLICATION

SOFTWARE REQUIREMENT SPECIFICATION

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Course Code :20ITL53

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1. INTRODUCTION:

Stock maintenance is the practice of ordering, storing, tracking, and controlling inventory. Stock maintenance applies to every item a business uses to produce its products or services – from raw materials to finished goods. For Example, stock maintenance of an departmental store.

1.1 PURPOSE

- Purpose of maintaining stock is to keep supplies at a considerable level.
- The aim of is to have the right amount of stock for sales at all times.
- Another purpose of stock control is to ensure that the costs of holding or storing stock are minimized so that you don't waste money or space storing stock you don't need.

1.2 SCOPE

- This system can be more useful for the employees to maintain the amount of stocks.
- Maintaining stocks can easily identify the scarcity of products and order it.

1.3 DEFINITION

- People can view and maintain the details of different stocks available in a store or inventory. The system can help in managing stocks according to the demand, in turn being useful in the supply chain process.

2. OVERVIEW OF THE PROJECT:

- This Web application is especially for the department store managements to easily identify and maintain the list of the products.
- The main intention of the software is to develop a system which will be more helpful for the users to maintain the stocks.

2.1 PRODUCT PERSPECTIVE

- The system will be operated within global environment.
- We need interfaces between this system and other systems because they will interact in this environment.

3. INTERFACE REQUIREMENTS:

3.1 SOFTWARE INTERFACE:

- **USER INTERFACE:** The interface is to maintain stock in the departmental store. The interface are built using HTML and styled with CSS and BOOTSTRAP.
- **Backend Environment:** php
- **Backend Database:** MYSQL

3.2 HARDWARE INTERFACE:

- The absence of defined hardware means that the programme lacks any direct hardware interfaces. The only necessary hardware is a PC with internet access on both the server and client sides.

4. FUNCTIONAL REQUIREMENTS:

- There will be password given by the management to the manager to open the page and to access them.
- When the manager logs in to the page it suddenly reflects to the database and it opens the page when the stored password in the database is matched to the password that was given by the manager.
- The manager can order the products from the seller when there are products out of stock.

5. USER CHARACTERISTICS:

5.1 BILLING:

- Shop owner can generate the bill for customer.
- Shop owner can select the product name, quantity, and rate.
- Shop owner can calculate the total amount.

5.2 SUPPLIER:

- Collected the detail of product where the product are purchase.
- Expired day and order day are shown.

5.3 PRODUCT:

- Shows the stock having items
- Location ,Rate and Quantity of item.

5.4 Sales:

- Calculation of sales and buying for day wise.

6. NON-FUNCTIONAL REQUIREMENTS:

6.1 ACCURACY REQUIREMENTS:

- The real time status of stock maintenance database is always consistent and gets updated frequently.
- And the stored records are error-free

6.2 RELIABILITY:

- Only the shop owner has the access for all the records stored in database.
- Shop owner has the safer and secured login credentials.
- This portal should be able to manage high traffic and if any system failure occurs then it should be recovered within an hour.

6.3 USABILITY

- The interface should be user-friendly allowing members to use the stock maintains with ease

6.4 SECURITY:

- Effective encryption schemes can be used to improve the security of the system.
- Password recovery facility can be provided for effective functioning of system and ease of use by users.

7. CONSTRAINTS:

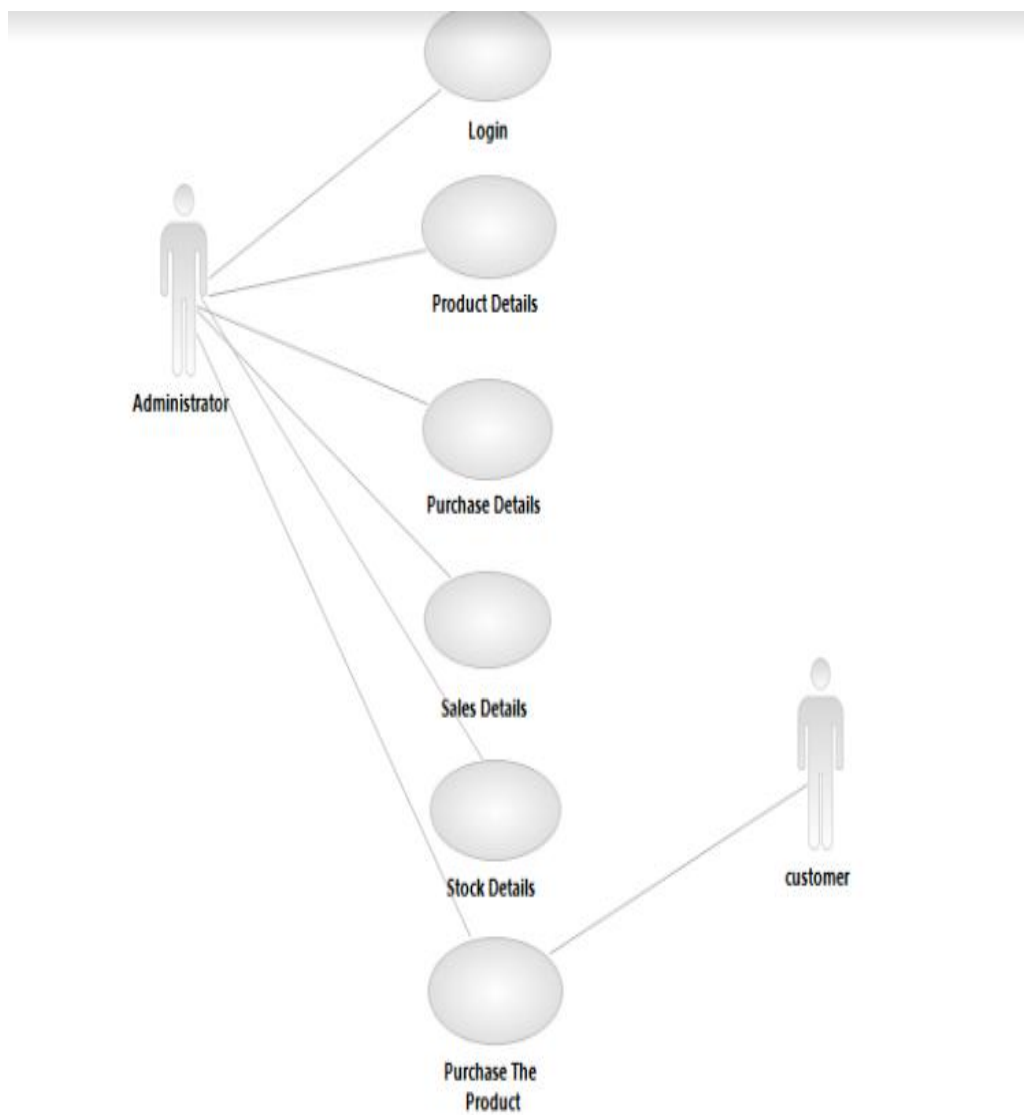
7.1 ASSUMPTIONS:

- The shop owners are required to have a basic knowledge of the English language and using a computer.
- Login and password is used for identification of user and there is no facility for guest user

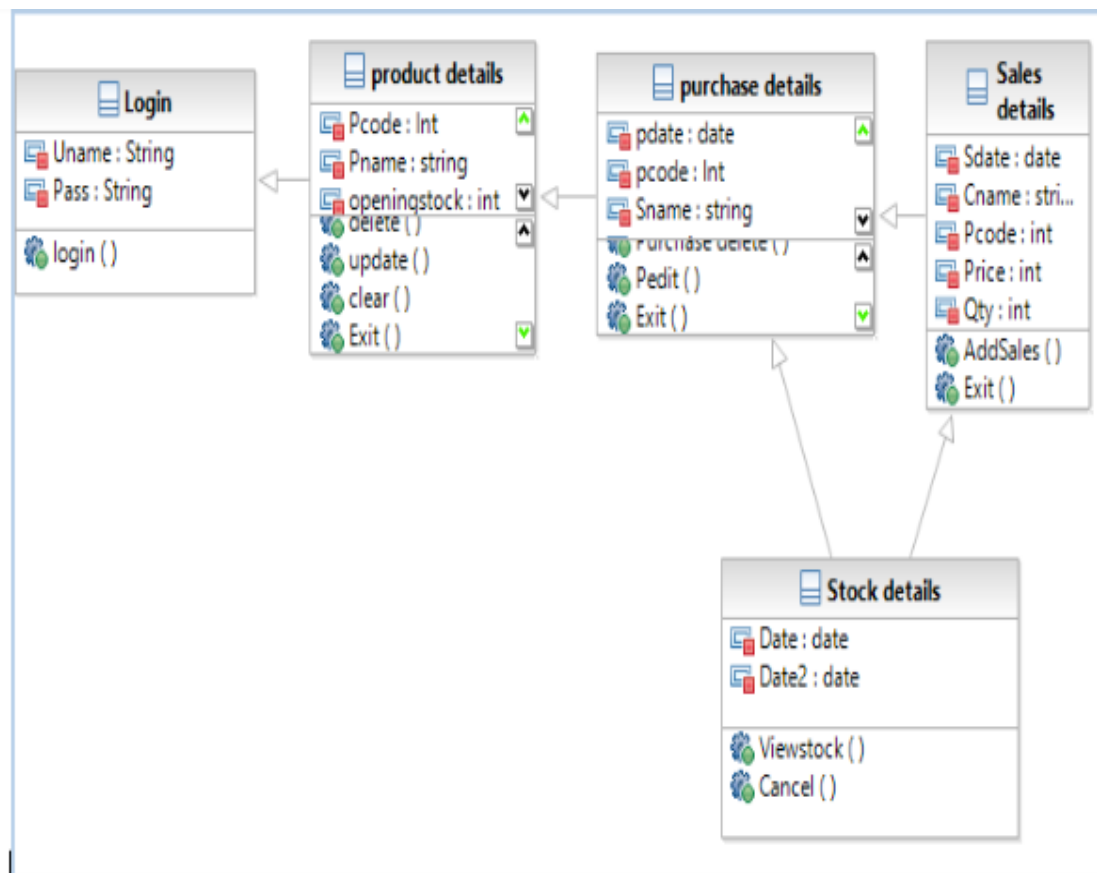
7.2 DEPENDENCIES:

- The users have intermittent knowledge of computers and its interface.
- The computer has internet connection and internet browsing capabilities.

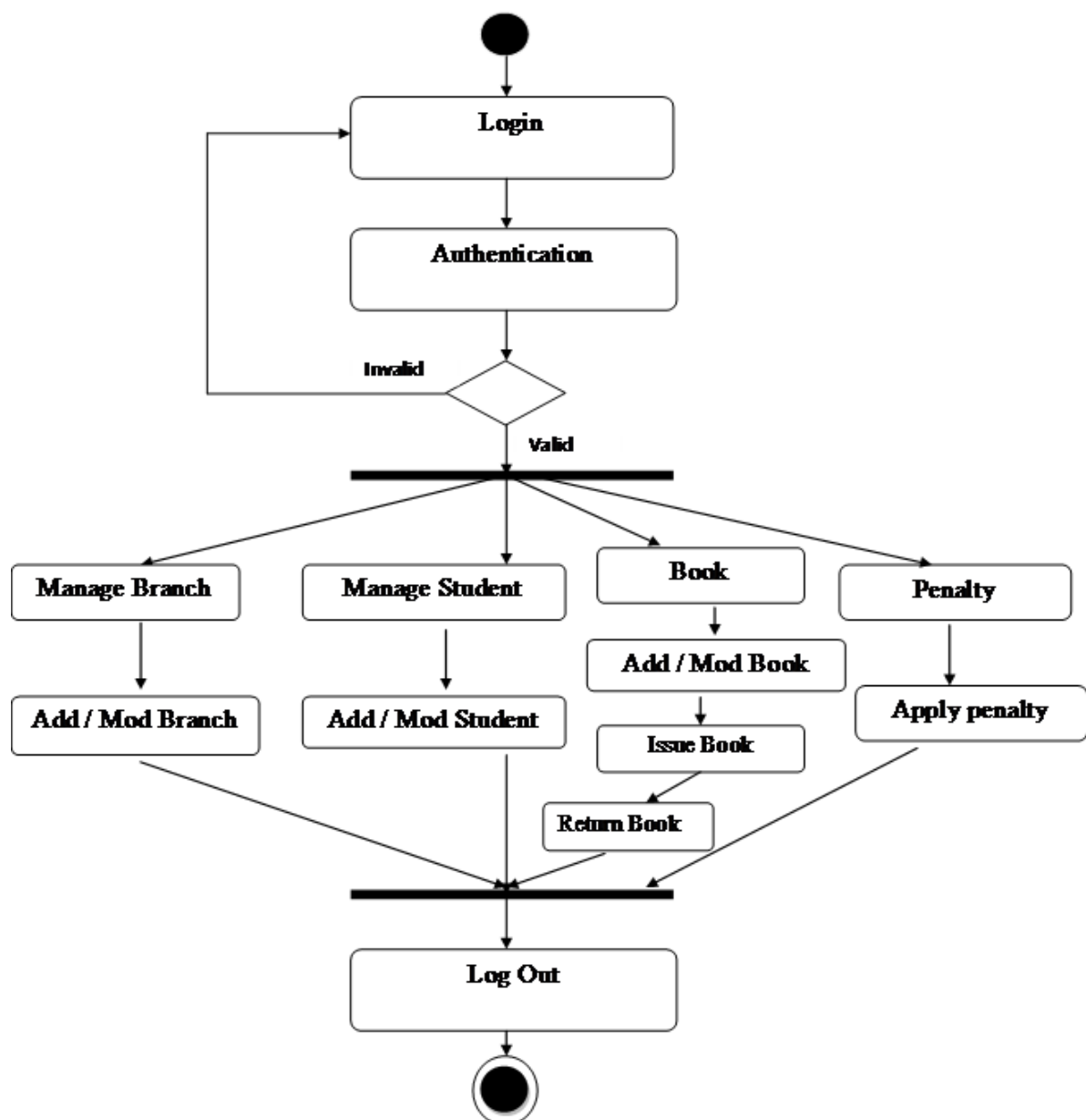
USE CASE DIAGRAM:



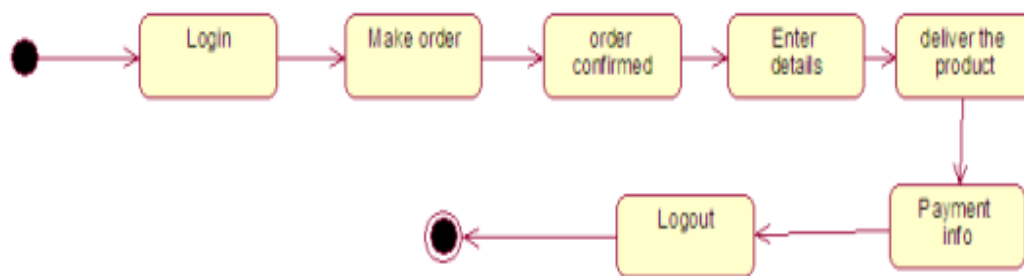
CLASS DIAGRAM:



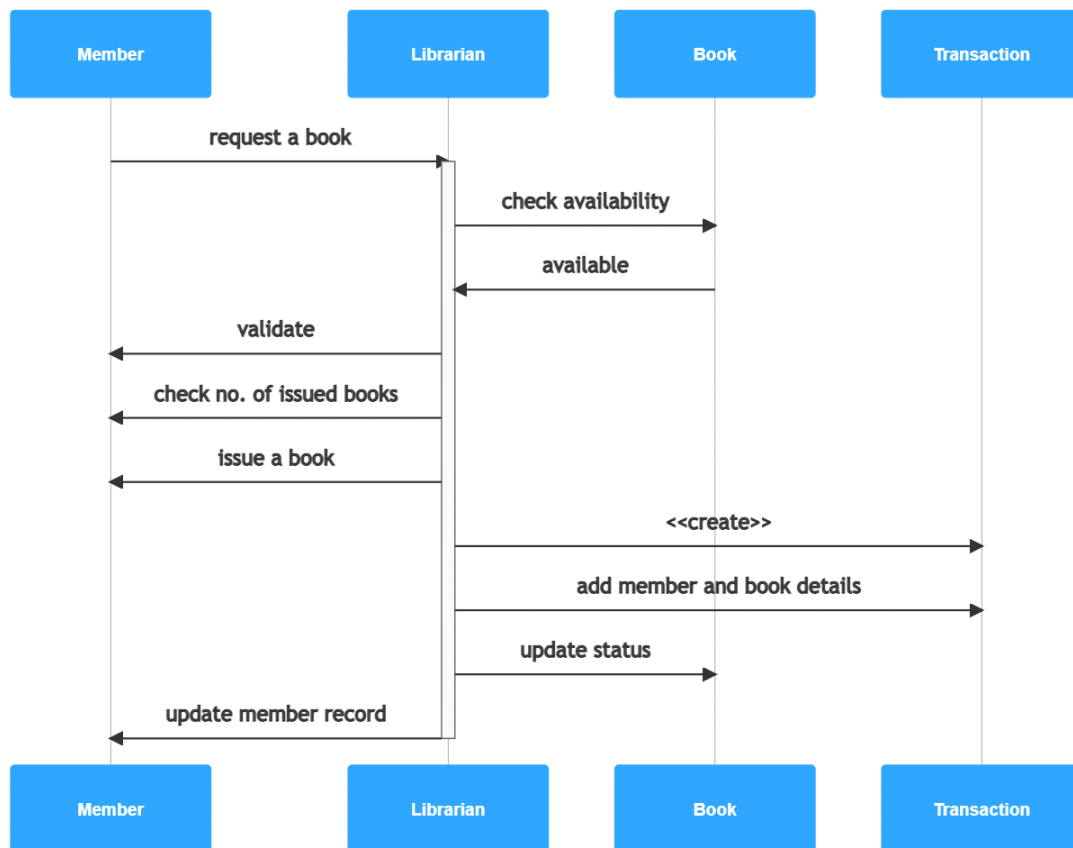
ACTIVITY DIAGRAM:



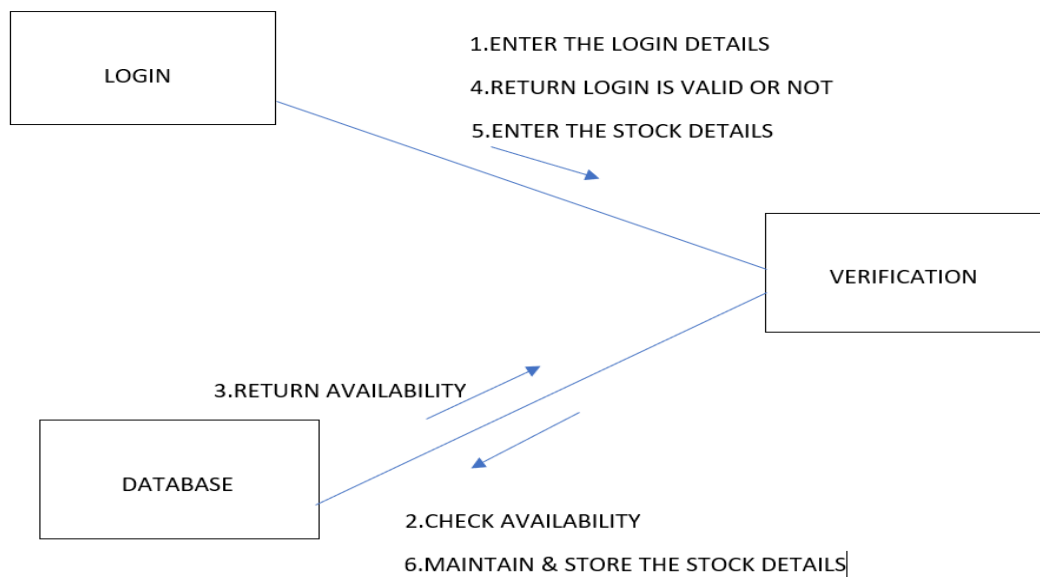
STATE DIAGRAM:



SEQUENCE DIAGRAM:



COLLOBARATION DIAGRAM:



Coding:

Index.php

```
1. <?php
2. include('header.php');
3. // Connect to the database
4. $mysqli = new mysqli(DATABASE_HOST, DATABASE_USER,
    DATABASE_PASS, DATABASE_NAME);
5.
6. // output any connection error
7. if ($mysqli->connect_error) {
8.     die('Error : (.'.$mysqli->connect_errno .') '. $mysqli->connect_error);
9. }
10.
11. session_start();
12. if($_POST['username'] != "" && $_POST['password'] != "") {
13.     extract($_POST);
14.
15.     $username = mysqli_real_escape_string($mysqli,$_POST['username']);
16.     $pass_encrypt = mysqli_real_escape_string($mysqli,$_POST['password']);
17.
18.     $fetch = $mysqli->query("SELECT * FROM `users` WHERE
        username='$username' AND `password` = '$pass_encrypt'");
19.
20.     $row = mysqli_fetch_array($fetch);
21.
22.     if (password_verify($pass_encrypt, $row['password'])){
23.         $_SESSION['login_username'] = $row['username'];
24.         echo 1;
25.     } else {
26.         echo 0;
27.     }
28.
29. } else {
30.
31.     header("Location:index.php");
32. }
33. ?>
34. <?php include('footer.php'); ?>
```

Dashboard.php

```
<?php
include('header.php');
include('functions.php');
include_once("includes/config.php");
?>
<section class="content">
<!-- Small boxes (Stat box) -->
<div class="row">
<div class="col-lg-3 col-xs-6">
<!-- small box -->
<div class="small-box bg-green">
<div class="inner">
<h3><?php
$sql = "SELECT * FROM invoices";
$query = $mysqli->query($sql);
echo "$query->num_rows";
?></h3>
<p>Total Invoices</p>
</div>
<div class="icon">
<i class="ion ion-printer"></i>
</div>
</div>
</div>
<!-- ./col -->
<div class="col-lg-3 col-xs-6">
<!-- small box -->
<div class="small-box bg-yellow">
<div class="inner">
<h3><?php
$sql = "SELECT * FROM invoices WHERE status = 'open'";
$query = $mysqli->query($sql);
echo "$query->num_rows";
?></h3>
<p>Pending Bills</p>
</div>
<div class="icon">
<i class="ion ion-load-a"></i>
</div>
</div>
</div>
<!-- ./col -->
<div class="col-lg-3 col-xs-6">
<!-- small box -->
<div class="small-box bg-red">
<div class="inner">
<h3><?php
```

```

$result = mysqli_query($mysqli, 'SELECT SUM(subtotal) AS value_sum FROM invoices
WHERE status = "open"');
$row = mysqli_fetch_assoc($result);
$sum = $row['value_sum'];
echo $sum;
?></h3>
<p>Due Amount</p>
</div>
<div class="icon">
<i class="ion ion-alert-circled"></i>
</div>
</iv>
</div>
<!-- ./col -->
</div>
<!-- /.row -->
<!-- 2nd row -->
<div class="row">
<div class="col-lg-3 col-xs-6">
<!-- small box -->
<div class="small-box bg-primary">
<div class="inner">
<h3><?php
$sql = "SELECT * FROM products";
$query = $mysqli->query($sql);
echo "$query->num_rows";
?>/h3>
<p>Total Products</p>
</div>
<div class="icon">
<i class="ion ion-social-dropbox"></i>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6">
<!-- small box -->
<div class="small-box bg-maroon">
<div class="inner">
<h3><?php

$sql = "SELECT * FROM store_customers";
$query = $mysqli->query($sql);

echo "$query->num_rows";
?></h3>

<p>Total Customers</p>
</div>
<div class="icon">
<i class="ion ion-ios-people"></i>

```

Create Invoice:

```
<?php
include('header.php');
include('functions.php');
?>
<h2>Create New <span class="invoice_type">Invoice</span> </h2>
<!-- <hr> -->
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<form method="post" id="create_invoice">
<input type="hidden" name="action" value="create_invoice">
<div class="row">
<div class="col-xs-4">
</div>
<div class="col-xs-8 text-right">
<div class="row">
<div class="col-xs-6">
<h2 class="">Select Type:</h2>
</div>
<div class="col-xs-3">
<select name="invoice_type" id="invoice_type" class="form-control">
<option value="invoice" selected>Invoice</option>
<option value="receipt">Receipt</option>
</select>
</div>
<div class="col-xs-3">
<select name="invoice_status" id="invoice_status" class="form-control">
<option value="cash" selected>cash</option>
<option value="card">card</option>
</select>
</div>
</div>
<div class="col-xs-4 no-padding-right">
<div class="form-group">
<div class="input-group date" id="invoice_date">
<input type="text" class="form-control required" name="invoice_date" placeholder="Invoice
Date" data-date-format="<?php echo DATE_FORMAT ?>" />
<span class="input-group-addon">
<span class="glyphicon glyphicon-calendar"></span>
</span>
</div>
</div>
</div>
<!-- <div class="col-xs-4">
<div class="form-group">
<div class="input-group date" id="invoice_due_date">
```

```

<input type="text" class="form-control required" name="invoice_due_date"
placeholder="Due Date" data-date-format="<?php echo DATE_FORMAT ?>" />
<span class="input-group-addon">
<span class="glyphicon glyphicon-calendar"></span>
</span>
</div>
</div>
</div> -->
<div class="input-group col-xs-4 float-right">
<span class="input-group-addon">#<?php echo INVOICE_PREFIX ?></span>
<input type="text" name="invoice_id" id="invoice_id" class="form-control required"
placeholder="Invoice Number" aria-describedby="sizing-addon1" value="<?php
getInvoiceId(); ?>">
</div>
</div>
</div>
<div class="row">
<div class="col-xs-6">
<div class="panel panel-default">
<div class="panel-heading">
<h4 class="float-left">Customer Information</h4>
<a href="#" class="float-right select-customer"><b>OR</b> Select Existing Customer</a>
<div class="clear"></div>
</div>
<div class="panel-body form-group form-group-sm">
<div class="row">
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_name" id="customer_name" placeholder="Enter Name" tabindex="1">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_address_1" id="customer_address_1" placeholder="Address 1"
tabindex="3">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_town" id="customer_town" placeholder="Town" tabindex="5">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control copy-input required" name="customer_postcode"
id="customer_postcode" placeholder="Postcode" tabindex="7">
</div>
</div>
</div>
<div class="col-xs-6">
<div class="input-group float-right margin-bottom">
<span class="input-group-addon"><i class="fa fa-envelope"></i></span>

```



```
<input type="email" class="form-control copy-input required" name="customer_email"
id="customer_email" placeholder="E-mail Address" aria-describedby="sizing-addon1"
tabindex="2">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input"
name="customer_address_2" id="customer_address_2" placeholder="Address 2"
tabindex="4">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_county" id="customer_county" placeholder="Country" tabindex="6">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_phone"
id="customer_phone" placeholder="Phone Number" tabindex="8">
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="col-xs-6 text-right">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Shipping Information</h4>
</div>
<div class="panel-body form-group form-group-sm">
<div class="row">
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_name_ship" id="customer_name_ship" placeholder="Enter Name"
tabindex="9">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom" name="customer_address_2_ship"
id="customer_address_2_ship" placeholder="Address 2" tabindex="11">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_county_ship"
id="customer_county_ship" placeholder="Country" tabindex="13">
</div>
</div>
</div>
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_address_1_ship" id="customer_address_1_ship" placeholder="Address 1"
tabindex="10">
</div>
```

```

<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_town_ship" id="customer_town_ship" placeholder="Town"
tabindex="12">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_postcode_ship"
id="customer_postcode_ship" placeholder="Postcode" tabindex="14">
</div>
<!-- / end client details section -->
<table class="table table-bordered table-hover table-striped" id="invoice_table">
<thead>
<tr>
<th width="500">
<h4><a href="#" class="btn btn-success btn-xs add-row"><span class="glyphicon
glyphicon-plus" aria-hidden="true"></span></a> Product</h4>
</th>
<th>
<h4>Qty</h4>
</th>
<th>
<h4>Price</h4>
</th>
<th width="300">
<h4>Discount</h4>
</th>
<th>
<h4>Sub Total</h4>
</th>
</tr>
</thead>
<tbody>
<tr>
<td>
<div class="form-group form-group-sm no-margin-bottom">
<a href="#" class="btn btn-danger btn-xs delete-row"><span class="glyphicon glyphicon-
remove" aria-hidden="true"></span></a>
<div class="col-xs-6 no-padding-right">
<div class="row">
<div class="col-xs-4 col-xs-offset-5">
<strong>Sub Total:</strong>
</div>
<div class="col-xs-3">
<?php echo CURRENCY ?><span class="invoice-sub-total">0.00</span>
<input type="hidden" name="invoice_subtotal" id="invoice_subtotal">
</div>
</div>
<div class="row">
<div class="col-xs-4 col-xs-offset-5">
<strong>Discount:</strong>

```

```
</div>
<div class="col-xs-3">
<?php echo CURRENCY ?><span class="invoice-discount">0.00</span>
<input type="hidden" name="invoice_discount" id="invoice_discount">
</div>
</div>
<div class="row">
<div class="col-xs-4 col-xs-offset-5">
<strong class="shipping">Shipping:</strong>
</div>
<div class="col-xs-3">
<div class="input-group input-group-sm">
<span class="input-group-addon"><?php echo CURRENCY ?></span>
<div class="col-xs-6">
<input type="email" name="custom_email" id="custom_email"
class="custom_email_textarea" placeholder="Enter custom email if you wish to override the
default invoice type email msg!"></input>
</div>
<div class="col-xs-6 margin-top btn-group">
<input type="submit" id="action_create_invoice" class="btn btn-success float-right"
value="Create Invoice" data-loading-text="Creating...">
</div>
</div>
<div class="row">
</div>
</form>
<div id="insert" class="modal fade">
```

Invoice-edit.php

```
<?php
include('header.php');
include('functions.php');
$getID = $_GET['id'];
// Connect to the database
$mysqli = new mysqli(DATABASE_HOST, DATABASE_USER, DATABASE_PASS,
DATABASE_NAME)
// output any connection error
if ($mysqli->connect_error) {
    die('Error : ('.$mysqli->connect_errno .') ' . $mysqli->connect_error);
}

// the query
$query = "SELECT p.*, i.*, c.*
        FROM invoice_items p
        JOIN invoices i ON i.invoice = p.invoice
        JOIN customers c ON c.invoice = i.invoice
        WHERE p.invoice = " . $mysqli->real_escape_string($getID) . """;

$result = mysqli_query($mysqli, $query);
// mysqli select query
if($result) {
    while ($row = mysqli_fetch_assoc($result)) {
        $customer_name = $row['name']; // customer name
        $customer_email = $row['email']; // customer email
        $customer_address_1 = $row['address_1']; // customer address
        $customer_address_2 = $row['address_2']; // customer address
        $customer_town = $row['town']; // customer town
        $customer_county = $row['county']; // customer county
        $customer_postcode = $row['postcode']; // customer postcode
        $customer_phone = $row['phone']; // customer phone number
        //shipping
        $customer_name_ship = $row['name_ship']; // customer name (shipping)
        $customer_address_1_ship = $row['address_1_ship']; // customer address (shipping)
        $customer_address_2_ship = $row['address_2_ship']; // customer address (shipping)
        $customer_town_ship = $row['town_ship']; // customer town (shipping)
        $customer_county_ship = $row['county_ship']; // customer county (shipping)
        $customer_postcode_ship = $row['postcode_ship']; // customer postcode (shipping)

        // invoice details
        $invoice_number = $row['invoice']; // invoice number
        $custom_email = $row['custom_email']; // invoice custom email body
        $invoice_date = $row['invoice_date']; // invoice date
        $invoice_due_date = $row['invoice_due_date']; // invoice due date
        $invoice_subtotal = $row['subtotal']; // invoice sub-total
        $invoice_shipping = $row['shipping']; // invoice shipping amount
        $invoice_discount = $row['discount']; // invoice discount
```

```
$invoice_vat = $row['vat']; // invoice vat
$invoice_total = $row['total']; // invoice total
$invoice_notes = $row['notes']; // Invoice notes
$invoice_type = $row['invoice_type']; // Invoice type
$invoice_status = $row['status']; // Invoice status
}
}
```

```
/* close connection */
mysqli->close();
```

```
?>
```

```
<h1>Edit Invoice (<?php echo $getID; ?>)</h1>
<hr>
```

```
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
```

```
<form method="post" id="update_invoice">
<input type="hidden" name="action" value="update_invoice">
<input type="hidden" name="update_id" value="<?php echo $getID; ?>">
```

```
<div class="row">
<div class="col-xs-12">
<textarea name="custom_email" id="custom_email" class="custom_email_textarea"
placeholder="Enter a custom email message here if you wish to override the default invoice
type email message."><?php echo $custom_email; ?></textarea>
</div>
</div>
```

```
<div class="row">
<div class="col-xs-5">
<h1>

</h1>
</div>
<div class="col-xs-7 text-right">
<div class="row">
<div class="col-xs-6">
<h1>INVOICE</h1>
</div>
<div class="col-xs-3">
<select name="invoice_type" id="invoice_type" class="form-control">
<option value="invoice" <?php if($invoice_type === 'invoice'){ ?>selected<?php }
?>>Invoice</option>
<option value="quote" <?php if($invoice_type ===
'quote'){ ?>selected<?php } ?>>Quote</option>
```

```

<option value="receipt" <?php if($invoice_type === 'receipt'){ ?>selected<?php }
?>>Receipt</option>
</select>
</div>
<div class="col-xs-3">
<select name="invoice_status" id="invoice_status" class="form-control">
<option value="open" <?php if($invoice_status === 'open'){ ?>selected<?php }
?>>Open</option>
<option value="paid" <?php if($invoice_status === 'paid'){ ?>selected<?php }
?>>Paid</option>
</select>
</div>
</div>
<div class="col-xs-4 no-padding-right">
<div class="form-group">
<div class="input-group date" id="invoice_date">
<input type="text" class="form-control required" name="invoice_date" placeholder="Select
invoice date" data-date-format="<?php echo DATE_FORMAT ?>" value="<?php echo
$invoice_date; ?>" />
<span class="input-group-addon">
<span class="glyphicon glyphicon-calendar"></span>
</span>
</div>
</div>
<div class="col-xs-6">
<div class="input-group float-right margin-bottom">
<span class="input-group-addon">@</span>
<input type="email" class="form-control copy-input required" name="customer_email"
id="customer_email" placeholder="E-mail address" aria-describedby="sizing-addon1"
tabindex="2" value="<?php echo $customer_email; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input"
name="customer_address_2" id="customer_address_2" placeholder="Address 2"
tabindex="4" value="<?php echo $customer_address_2; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_county" id="customer_county" placeholder="County" tabindex="6"
value="<?php echo $customer_county; ?>">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_phone"
id="invoice_phone" placeholder="Phone number" tabindex="8" value="<?php echo
$customer_phone; ?>"></div>

```

[illegible]

```

<tr>
<th width="500">
<h4><a href="#" class="btn btn-success btn-xs add-row"><span class="glyphicon
glyphicon-plus" aria-hidden="true"></span></a> Item</h4>
</th>
<th>
<h4>Qty</h4>
</th>
<th>
<h4>Price</h4>
</th>
<th width="300">
<h4>Discount</h4>
</th>
<th>
<h4>Sub Total</h4>
</th>
</tr>
</thead>
<tbody>
<?php

```

```

// Connect to the database
$mysqli = new mysqli(DATABASE_HOST, DATABASE_USER, DATABASE_PASS,
DATABASE_NAME);

```

```

// output any connection error
if ($mysqli->connect_error) {
die('Error : (.'.$mysqli->connect_errno .') ' . $mysqli->connect_error);
}

```

```

// the query
$query2 = "SELECT * FROM invoice_items WHERE invoice = '" . $mysqli-
>real_escape_string($getID) . "'";

```

```

$result2 = mysqli_query($mysqli, $query2);

```

```

//var_dump($result2);

```

```

// mysqli select query
if($result2) {
while ($rows = mysqli_fetch_assoc($result2)) {

```

```

//var_dump($rows);

```

```

$item_product = $rows['product'];
$item_qty = $rows['qty'];
$item_price = $rows['price'];
$item_discount = $rows['discount'];
$item_subtotal = $rows['subtotal'];

```



```

?>
<tr>
<td>
<div class="form-group form-group-sm no-margin-bottom">
<a href="#" class="btn btn-danger btn-xs delete-row"><span class="glyphicon glyphicon-remove" aria-hidden="true"></span></a>
<input type="text" class="form-control form-group-sm item-input invoice_product"
name="invoice_product[]" placeholder="Enter item title and / or description" value="<?php
echo $item_product; ?>">
<p class="item-select">or <a href="#">select an item</a></p>
</div>
</td>
<td class="text-right">
<div class="form-group form-group-sm no-margin-bottom">
<input type="text" class="form-control invoice_product_qty calculate"
name="invoice_product_qty[]" value="<?php echo $item_qty; ?>">
</div>
</td>
<td class="text-right">
<div class="input-group input-group-sm no-margin-bottom">
<?php echo CURRENCY ?><span class="invoice-discount"> <?php echo $invoice_discount;
?></span>
<input type="hidden" name="invoice_discount" id="invoice_discount" value="<?php echo
$invoice_discount; ?>">
</div>
</div>
<div class="row">
<div class="col-xs-3 col-xs-offset-6">
<strong class="shipping">Shipping:</strong>
</div>
<div class="col-xs-3">
<div class="input-group input-group-sm">
<span class="input-group-addon"><?php echo CURRENCY ?></span>
<input type="text" class="form-control calculate shipping" name="invoice_shipping" aria-
describedby="sizing-addon1" placeholder="0.00" value="<?php echo $invoice_shipping;
?>">
</div>
</div>
</div>
<?php if (ENABLE_VAT == true) { ?>
<div class="row">
<div class="col-xs-3 col-xs-offset-6">
<strong>TAX/VAT:</strong>
</div>
<div class="col-xs-3">
<?php echo CURRENCY ?><span class="invoice-vat" data-enable-vat="<?php echo
ENABLE_VAT ?>" data-vat-rate="<?php echo VAT_RATE ?>" data-vat-method="<?php
echo VAT_INCLUDED ?>"><?php echo $invoice_vat; ?></span>
<input type="hidden" name="invoice_vat" id="invoice_vat" value="<?php echo
$invoice_vat; ?>">

```

```

</div>
</div>
<?php } ?>
<div class="row">
<div class="col-xs-3 col-xs-offset-6">
<strong>Total:</strong>
</div>
<div class="col-xs-3">
<?php echo CURRENCY ?><span class="invoice-total"> <?php echo $invoice_total;
?></span>
<input type="hidden" name="invoice_total" id="invoice_total" value="<?php echo
$invoice_total; ?>">
</div>
</div>
</div>

</div>
<div class="row">
<div class="col-xs-12 margin-top btn-group">
<input type="submit" id="action_edit_invoice" class="btn btn-success float-right"
value="Update Invoice" data-loading-text="Updating...">
</div>
</div>
</form>

<div id="insert" class="modal fade">
<div class="modal-dialog">
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal" aria-label="Close"><span aria-
hidden="true">&times;</span></button>
<h4 class="modal-title">Select an item</h4>
</div>
<div class="modal-body">
<?php popProductsList(); ?>
</div>
<div class="modal-footer">
<button type="button" data-dismiss="modal" class="btn btn-primary"
id="selected">Add</button>
<button type="button" data-dismiss="modal" class="btn">Cancel</button>
</div>
</div><!-- /.modal-content -->
</div><!-- /.modal-dialog -->
</div><!-- /.modal -->

<?php
include('footer.php');
?>

```

product-add.php

```
<?php
include('header.php');
?>
<h2>Add Product</h2>
<hr>
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<div class="row">
<div class="col-xs-12">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Product Information</h4>
</div>
<div class="panel-body form-group form-group-sm">
<form method="post" id="add_product">
<input type="hidden" name="action" value="add_product">
<div class="row">
<div class="col-xs-4">
<input type="text" class="form-control required" name="product_name" placeholder="Enter
Product Name">
</div>
<div class="col-xs-4">
<input type="text" class="form-control required" name="product_desc" placeholder="Enter
Product Description">
</div>
<div class="col-xs-4">
<div class="input-group">
<span class="input-group-addon"><?php echo CURRENCY ?></span>
<input type="number" name="product_price" class="form-control required"
placeholder="0.00" aria-describedby="sizing-addon1">
</div>
</div>
</div>
</div>
<div class="row">
<div class="col-xs-12 margin-top btn-group">
<input type="submit" id="action_add_product" class="btn btn-success float-right"
value="Add Product" data-loading-text="Adding...">
</div>
</div>
</form>
</div>
</div>
</div>
</div>
```

product-edit.php

```
<?php
include('header.php');
include('functions.php');
$getID = $_GET['id'];
// Connect to the database
$mysqli = new mysqli(DATABASE_HOST, DATABASE_USER, DATABASE_PASS,
DATABASE_NAME);
// output any connection error
if ($mysqli->connect_error) {
die('Error : ('.$mysqli->connect_errno .') ' . $mysqli->connect_error);
}
// the query
$query = "SELECT * FROM products WHERE product_id = " . $mysqli-
>real_escape_string($getID) . " ";
$result = mysqli_query($mysqli, $query);
// mysqli select query
if($result) {
while ($row = mysqli_fetch_assoc($result)) {
$product_name = $row['product_name']; // product name
$product_desc = $row['product_desc']; // product description
$product_price = $row['product_price']; // product price
}
}
/* close connection */
$mysqli->close();
?>
<h1>Edit Product</h1>
<hr>
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<div class="row">
<div class="col-xs-12">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Editing Product (<?php echo $getID; ?>)</h4>
</div>
<div class="panel-body form-group form-group-sm">
<form method="post" id="update_product">
<input type="hidden" name="action" value="update_product">
<input type="hidden" name="id" value="<?php echo $getID; ?>">
<div class="row">
<div class="col-xs-4">
<input type="text" class="form-control required" name="product_name" placeholder="Enter
product name" value="<?php echo $product_name; ?>">
```

customer-add.php

```
<?php
include('header.php');
<h1>Add Customer</h1>
<hr>
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<form method="post" id="create_customer">
<input type="hidden" name="action" value="create_customer">
<div class="row">
<div class="col-xs-6">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Customer Information</h4>
<div class="clear"></div>
</div>
<div class="panel-body form-group form-group-sm">
<div class="row">
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_name" id="customer_name" placeholder="Enter Name" tabindex="1">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_address_1" id="customer_address_1" placeholder="Address 1"
tabindex="3">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_town" id="customer_town" placeholder="Town/City" tabindex="5">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control copy-input required" name="customer_postcode"
id="customer_postcode" placeholder="Postcode" tabindex="7">
</div>
</div>
<div class="col-xs-6">
<div class="input-group float-right margin-bottom">
<span class="input-group-addon"><i class="fa fa-envelope"></i></span>
<input type="email" class="form-control copy-input required" name="customer_email"
id="customer_email" placeholder="Email" aria-describedby="sizing-addon1" tabindex="2">
</div>
<div class="form-group">
```

```

<input type="text" class="form-control margin-bottom copy-input"
name="customer_address_2" id="customer_address_2" placeholder="Address 2"
tabindex="4">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_county" id="customer_county" placeholder="Country" tabindex="6">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_phone"
id="invoice_phone" placeholder="Phone Number" tabindex="8">
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="col-xs-6 text-right">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Shipping Information</h4>
</div>
<div class="panel-body form-group form-group-sm">
<div class="row">
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_name_ship" id="customer_name_ship" placeholder="Enter name"
tabindex="9">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom" name="customer_address_2_ship"
id="customer_address_2_ship" placeholder="Address 2" tabindex="11">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_county_ship"
id="customer_county_ship" placeholder="Country" tabindex="13">
</div>
</div>
</div>
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_address_1_ship" id="customer_address_1_ship" placeholder="Address 1"
tabindex="10">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_town_ship" id="customer_town_ship" placeholder="Town/City"
tabindex="12">
</div>

```

```
        <div class="form-group no-margin-bottom">
            <input type="text" class="form-control required"
name="customer_postcode_ship" id="customer_postcode_ship" placeholder="Postcode"
tabindex="14">
```

```
        </div>
```

```
    </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="row">
```

```
<div class="col-xs-12 margin-top btn-group">
```

```
<input type="submit" id="action_create_customer" class="btn btn-success float-right"
value="Create Customer" data-loading-text="Creating...">
```

```
</div>
```

```
</div>
```

```
</form>
```

```
<?php
```

```
include('footer.php');
```

```
?>
```

```
$query = "SELECT * FROM store_customers WHERE id = " . $mysqli->
```

```
real_escape_string($getID) . "";
```

```
$result = mysqli_query($mysqli, $query);
```

```
// mysqli select query
```

```
if($result) {
```

```
    _postcode = $row['postcode']; // customer postcode
```

```
$customer_phone = $row['phone']; // customer phone number
```

```
//shipping
```

```
$customer_name_ship = $row['name_ship']; // customer name (shipping)
```

```
$customer_address_1_ship = $row['address_1_ship']; // customer address (shipping)
```

```
$customer_address_2_ship = $row['address_2_ship']; // customer address (shipping)
```

```
$customer_town_ship = $row['town_ship']; // customer town (shipping)
```

```
$customer_county_ship = $row['county_ship']; // customer county (shipping)
```

```
$customer_postcode_ship = $row['postcode_ship']; // customer postcode (shipping)
```

```
$mysqli->close();
```

```
?>
```

```
<form method="post" id="update_customer">
```

```
<input type="hidden" name="action" value="update_customer">
```

```
<input type="hidden" name="id" value="<?php echo $getID; ?>">
```

```
<div class="row">
```

```
<div class="col-xs-6">
```

```
<div class="panel panel-default">
```

```
<div class="panel-heading">
```

```
<h4>Editing Customer (<?php echo $getID; ?>)</h4>
```

```
<div class="clear"></div>
```

customer-manage.php

```
<?php
include('header.php');
include('functions.php');
$getID = $_GET['id'];
// Connect to the database
$mysqli = new mysqli(DATABASE_HOST, DATABASE_USER, DATABASE_PASS,
DATABASE_NAME);
// output any connection error
if ($mysqli->connect_error) {
die('Error : ('.$mysqli->connect_errno .') '. $mysqli->connect_error);
}
// the query
$query = "SELECT * FROM store_customers WHERE id = " . $mysqli-
>real_escape_string($getID) . """;
$result = mysqli_query($mysqli, $query);
// mysqli select query
if($result) {
    _postcode = $row['postcode']; // customer postcode
    $customer_phone = $row['phone']; // customer phone number
    //shipping
    $customer_name_ship = $row['name_ship']; // customer name (shipping)
    $customer_address_1_ship = $row['address_1_ship']; // customer address (shipping)
    $customer_address_2_ship = $row['address_2_ship']; // customer address (shipping)
    $customer_town_ship = $row['town_ship']; // customer town (shipping)
    $customer_county_ship = $row['county_ship']; // customer county (shipping)
    $customer_postcode_ship = $row['postcode_ship']; // customer postcode (shipping)
    $mysqli->close();
?>
<h1>Edit Customer</h1>
<hr>
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<form method="post" id="update_customer">
<input type="hidden" name="action" value="update_customer">
<input type="hidden" name="id" value="<?php echo $getID; ?>">
<div class="row">
<div class="col-xs-6">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Editing Customer (<?php echo $getID; ?>)</h4>
<div class="clear"></div>
</div>
<div class="panel-body form-group form-group-sm">
<div class="row">
<div class="col-xs-6">
<div class="form-group">
```



```
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_name" id="customer_name" placeholder="Enter name" tabindex="1"
value="<?php echo $customer_name; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_address_1" id="customer_address_1" placeholder="Address 1"
tabindex="3" value="<?php echo $customer_address_1; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_town" id="customer_town" placeholder="Town" tabindex="5"
value="<?php echo $customer_town; ?>">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control copy-input required" name="customer_postcode"
id="customer_postcode" placeholder="Postcode" tabindex="7" value="<?php echo
$customer_postcode; ?>">
</div>
</div>
<div class="col-xs-6">
<div class="input-group float-right margin-bottom">
<span class="input-group-addon">@</span>
<input type="email" class="form-control copy-input required" name="customer_email"
id="customer_email" placeholder="E-mail address" aria-describedby="sizing-addon1"
tabindex="2" value="<?php echo $customer_email; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input"
name="customer_address_2" id="customer_address_2" placeholder="Address 2"
tabindex="4" value="<?php echo $customer_address_2; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom copy-input required"
name="customer_county" id="customer_county" placeholder="County" tabindex="6"
value="<?php echo $customer_county; ?>">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_phone"
id="invoice_phone" placeholder="Phone number" tabindex="8" value="<?php echo
$customer_phone; ?>">
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="col-xs-6 text-right">
<div class="panel panel-default">
<div class="panel-heading">
```

```
<h4>Shipping Information</h4>
</div>
<div class="panel-body form-group form-group-sm">
<div class="row">
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_name_ship" id="customer_name_ship" placeholder="Enter name"
tabindex="9" value="<?php echo $customer_name_ship; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom" name="customer_address_2_ship"
id="customer_address_2_ship" placeholder="Address 2" tabindex="11" value="<?php echo
$customer_address_2_ship; ?>">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_county_ship"
id="customer_county_ship" placeholder="County" tabindex="13" value="<?php echo
$customer_county_ship; ?>">
</div>
</div>
<div class="col-xs-6">
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_address_1_ship" id="customer_address_1_ship" placeholder="Address 1"
tabindex="10" value="<?php echo $customer_address_1_ship; ?>">
</div>
<div class="form-group">
<input type="text" class="form-control margin-bottom required"
name="customer_town_ship" id="customer_town_ship" placeholder="Town" tabindex="12"
value="<?php echo $customer_town_ship; ?>">
</div>
<div class="form-group no-margin-bottom">
<input type="text" class="form-control required" name="customer_postcode_ship"
id="customer_postcode_ship" placeholder="Postcode" tabindex="14" value="<?php echo
$customer_postcode_ship; ?>">
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="row">
<div class="col-xs-12 margin-top btn-group">
<input type="submit" id="action_update_customer" class="btn btn-success float-right"
value="Update Customer" data-loading-text="Updating...">
</div>
</div>
</form>
```

user-add.php

```
<?php
include('header.php');
?>
<h1>Add User</h1>
<hr>
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<div class="row">
<div class="col-xs-12">
<div class="panel panel-default">
<div class="panel-heading">
<h4>User Information</h4>
</div>
<div class="panel-body form-group form-group-sm">
<form method="post" id="add_user">
<input type="hidden" name="action" value="add_user">
<div class="row">
<div class="col-xs-4">
<input type="text" class="form-control margin-bottom required" name="name"
placeholder="Name">
</div>
<div class="col-xs-4">
<input type="text" class="form-control margin-bottom required" name="username"
placeholder="Enter username">
</div>
<div class="col-xs-4">
<input type="text" class="form-control margin-bottom required" name="email"
placeholder="Enter user's email address">
</div>
</div>
<div class="row">
<div class="col-xs-4">
<input type="text" class="form-control" name="phone" placeholder="Enter user's phone
number">
</div>
<div class="col-xs-4">
<input type="password" class="form-control required" name="password" id="password"
placeholder="Enter user's password">
</div>
</div>
<div class="row">
<div class="col-xs-12 margin-top btn-group">
<input type="submit" id="action_add_user" class="btn btn-success float-right" value="Add
user" data-loading-text="Adding...">
```

user-edit.php

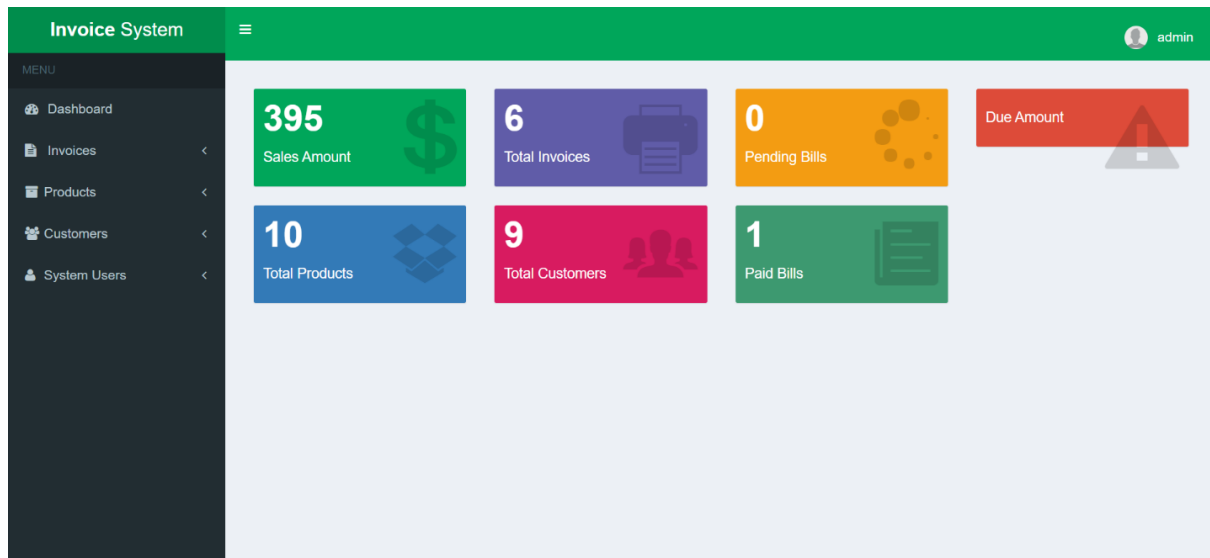
```
<?php
include('header.php');
include('functions.php');
$getID = $_GET['id'];
// output any connection error
if ($mysqli->connect_error) {
die('Error : ('.$mysqli->connect_errno .') '. $mysqli->connect_error);
// the query
$query = "SELECT * FROM users WHERE id = " . $mysqli->real_escape_string($getID) .
"";
$result = mysqli_query($mysqli, $query);
// mysqli select query
if($result) {
while ($row = mysqli_fetch_assoc($result)) {
$name = $row['name']; // name
$username = $row['username']; // username
$email = $row['email']; // email address
$phone = $row['phone']; // phone number
$password = $row['password']; // password
}
}
/* close connection */
$mysqli->close();
?>
<h1>Edit User</h1>
<hr>
<div id="response" class="alert alert-success" style="display:none;">
<a href="#" class="close" data-dismiss="alert">&times;</a>
<div class="message"></div>
</div>
<div class="row">
<div class="col-xs-12">
<div class="panel panel-default">
<div class="panel-heading">
<h4>Editing User (<?php echo $getID; ?>)</h4>
</div>
<div class="panel-body form-group form-group-sm">
<form method="post" id="update_user">
<input type="hidden" name="action" value="update_user">
<input type="hidden" name="id" value="<?php echo $getID; ?>">
<div class="row">
<div class="col-xs-4">
<input type="text" class="form-control margin-bottom required" name="name"
placeholder="Name" value="<?php echo $name; ?>">
</div>
<div class="col-xs-4">
<input type="text" class="form-control margin-bottom required" name="username"
placeholder="Enter username" value="<?php echo $username; ?>">

```

```
</div>
<div class="col-xs-4">
<input type="text" class="form-control margin-bottom required" name="email"
placeholder="Enter user's email address" value="<?php echo $email; ?>">
</div>
</div>
<div class="row">
<div class="col-xs-4">
<input type="text" class="form-control" name="phone" placeholder="Enter user's phone
number" value="<?php echo $phone; ?>">
</div>
<div class="col-xs-4">
<input type="password" class="form-control required" name="password" id="password"
placeholder="Enter user's new password, if left empty it won't change.">
</div>
</div>
<div class="row">
<div class="col-xs-12 margin-top btn-group">
<input type="submit" id="action_update_user" class="btn btn-success float-right"
value="Edit user" data-loading-text="Editing...">
</div>
</div>
</form>
</div>
</div>
</div>
<div>
<?php
include('footer.php');
?>
```

OUTPUT SCREENSHOTS:

HOME:



INVOICE:

The screenshot shows the 'Create New INVOICE' form. It includes a 'Select Type:' section with dropdowns for 'Invoice' and 'cash'. Below this are fields for 'Invoice Date' (with a calendar icon), '#MD', and a value '9'. The form is divided into two main sections: 'Customer Information' and 'Shipping Information'. The 'Customer Information' section has a link 'OR Select Existing Customer' and fields for Name, E-mail Address, Address 1, Address 2, Town, Country, Postcode, and Phone Number. The 'Shipping Information' section has fields for Name, Address 1, Address 2, Town, Country, and Postcode.

Create New INVOICE

Select Type: Invoice cash

Invoice Date #MD 9

Customer Information OR Select Existing Customer

Shipping Information

Customer Information fields:

- Enter Name
- E-mail Address
- Address 1
- Address 2
- Town
- Country
- Postcode
- Phone Number

Shipping Information fields:


- Enter Name
- Address 1
- Address 2
- Town
- Country
- Postcode

ADD CUSTOMER:

Add Customer

Customer Information

Enter Name

 Email

Address 1

Address 2

Town/City

Country

Postcode

Phone Number

Shipping Information

Enter name

Address 1

Address 2

Town/City

Country

Postcode

Create Customer

ADD USER:

Add User

User Information

Name

admin

Enter user's email address

Enter user's phone number

Weak

Add user

ADD PRODUCT

Add Product

Product Information

Enter Product Name

Enter Product Description

\$

0.00

Add Product

RESULT:

Thus a Stock maintenance system form managing different products in a store was created successfully.