PROJECT TITLE

# 501st LEGION | PHILIPPINE GARRISSON
## Online Inventory System

FINAL PROJECT FOR
ITEL 203 | WEB SYSTEMS AND TECHNOLOGIES

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## PURPOSE OF THE WEBSITE

### The 501st Legion

To understand the purpose of the website, the organization and movement behind it must be explained.



The 501st Legion is an international fan-driven movement and costuming organization for Star Wars fans. In the organization, people help each other create Star Wars costumes in many ways, and even do charity work, often using the phrase "*bad guys doing good.*"

It is not sponsored by LucasFilm or any other major Star Wars-related companies, and is purely driven by fans who love Star Wars and making or wearing costumes. The 501st is devoted to raising funds for children's charities all over the world.

### The Philippine Garrison

The organization is split into different garrisons around the world, split between countries and states.



The Philippine Garrison is a unit of the 501st Legion, and have appeared across many events and conventions to spread the love of Star Wars and costuming, and continue to raise funds for charities and more.

**The Client and the Website's Main Purpose**

The organization that requested the creation of the website is none other than the Philippine Garrison of the 501st Legion. Costuming had always been a hard task when it comes to Star Wars, especially when you are looking to create screen-accurate costumes and suits.

People always have the option to create their own costumes from scratch, but at times, people also order them from other costume creators or buy them from retailers of the official costumes sold around the world.

The Philippine Garrison is looking to help the Philippine costume enthusiasts by selling their own retail or custom-made items in an orderly fashion, which is where the online inventory system comes into play.

All the selling will happen through online transactions via different means in the Philippines such as;

- Paypal
- GCash
- Maya
- Local Banks
- And more…

As such, the main purpose of the online inventory system is to help keep track of all the stocked products, sales, and transactions that will happen amongst the garrison and its customers.

## GENERAL INFORMATION OF THE WEBSITE

**Type of Website**
As mentioned earlier, the website is an online inventory system that runs on PHP scripts and a database.

It is a simple website created on the foundation of HTML and CSS design, along with JavaScript, Bootstrap, and Ajax to achieve all the functions and overall calm feel and theme of the website.

With this website, the owner is able to monitor the stock that they buy, and the transactions and amount of sales they are able to get.

**Who Can Access the System**
The 501st Legion's Philippine Garrison will have access to the system. Specifically, the person in the garrison who will be managing all the sales, stock, and transactions that will occur. The credentials will stay confidential among their group, and will only be known to those who handle their online store.

**What the System Can and Cannot Do**
The system can;
- Allow the owner to login and logout of the system.
- Can have other accounts if desired by the owner and discussed with the developers.
- Display the overall information of the sales and stock such as;
    - The number of product categories there are.
    - The number of products in total there are.
    - The number of sales that have been made.
- Manage, add, and delete Product Categories.
- Manage, add, and delete Product stock and their information.
- Manage, add, and delete Sales and Transaction records.
- Calculate profits and display sales, specifically;
    - Daily Sales
    - Monthly Sales
    - And sales between two dates specified by the user.

The system cannot;
- Be used as the shop itself, as it is only an inventory system, not a marketplace.
- Directly print to a printer in a specific format. Must print with a browser's functions or printscreen. The sales report function using two different dates is designed to generate a page that works well with any modern browser's print function.

## THE WEBSITE'S TARGET

The targets, in retrospect to the previous sections of the documentations, are actually the customers who would be doing business with the owners of the system, since the system is made to help ease the logging and tracking of stock and transactions for every customer.

However, the owners are technically still the only ones who would be seeing and using the website.

## IN-DEPTH LOOK AT THE BACK-END

### The Database

The website runs on the relational database management system 'MySQL'. Specifically, MySQL 5.7.36 included with WampServer. The database is named 'swlegion' and includes six tables in it.
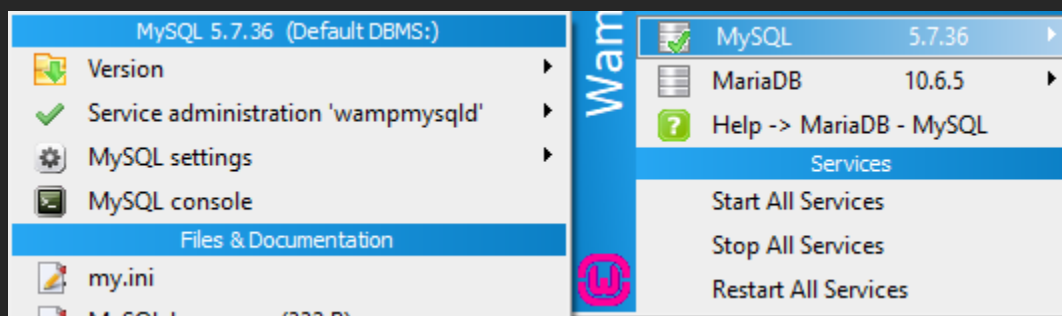


### The PHP Version Used

Due to some limitations, the initial PHP 7.4.26 was switched to PHP 5.6.40 mid-development to get the website working without problems.

Additionally, we also had to switch from PHPMyAdmin 5.1.1 to PHPMyAdmin 4.9.7 because PHP 5.6.40 is incompatible with PHPMyAdmin 4.9.7 as of now.
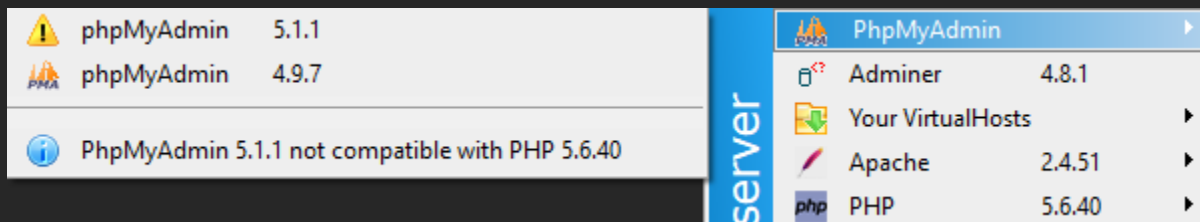
## THE PROGRAMMING AND MARKUP LANGUAGES

HTML and CSS being used is a given fact, especially when making websites such as these. Other languages and frameworks, however, were utilized as well. These include;

- Scripting and Programming languages like;
  - PHP
  - JavaScript
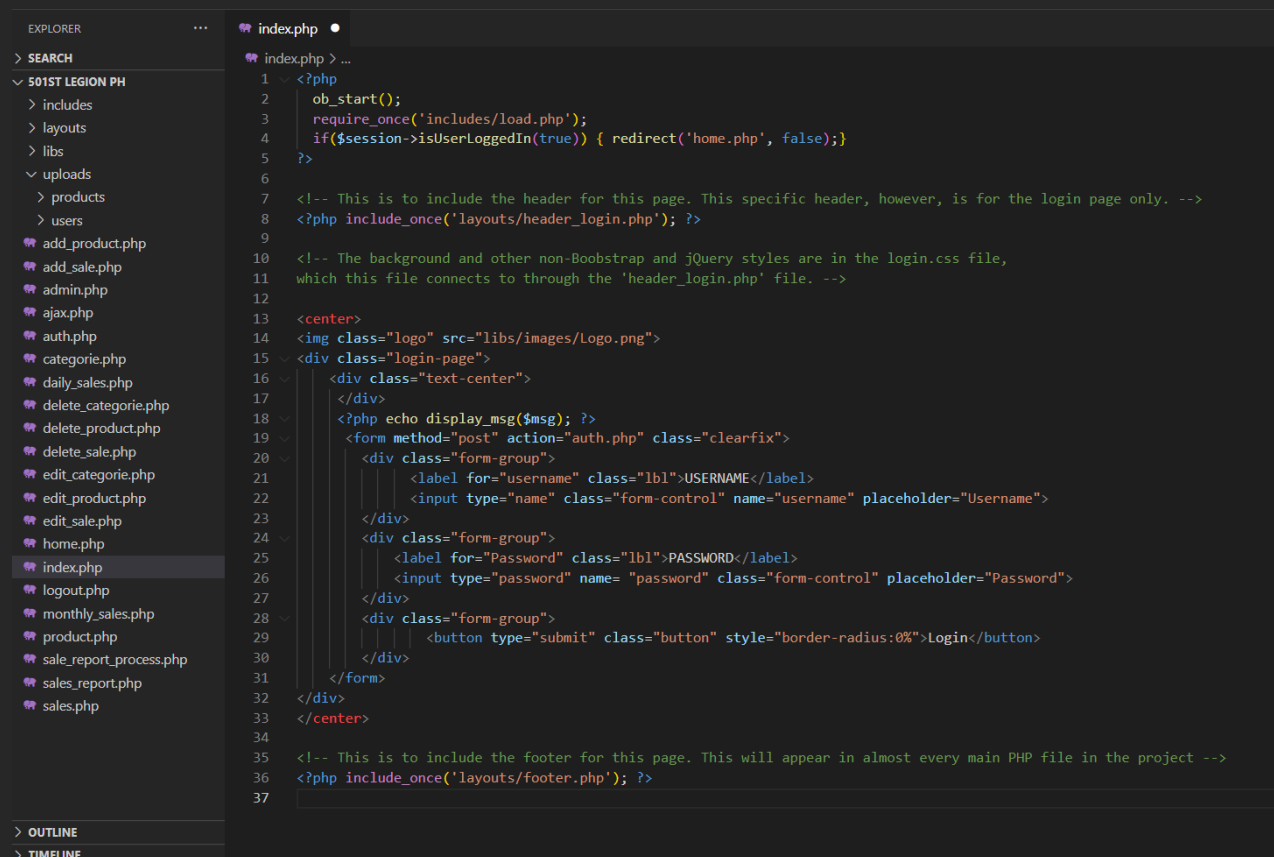- Frameworks and techniques like;
  - Bootstrap
  - jQuery AJAX

The developers made the website with Visual Studio Code using the PHP Intelephense plugin to enable PHP code intelligence. Comments are laid out throughout the project as well for easier understanding of the code.

Here are images of the scripts and code of the website;

**PHP Examples**

- index.php

This is what loads up first when opening the inventory system. It utilizes 'includes'.

- config.php

This declares the name of the host, along with its username and password, and also the name of the database to be used, which is 'SWLegion'.

Additionally, this is also where the timezone of the PHP scripts is set. As you can see, it is set to Asia/Manila.

```php
<?php

    // This declares the name of the host along with its username and password, and also the name of the database to be accessed.
    define( 'DB_HOST', 'localhost' );
    define( 'DB_USER', 'root' );
    define( 'DB_PASS', '' );
    define( 'DB_NAME', 'SWLegion' );

    // This will allow ALL of the scripts to run with the Manila timezone.
    date_default_timezone_set('Asia/Manila');
?>
```

## JavaScript Examples

- functions.js

Most of the JavaScript functions are kept in a single .js file in the 'libs/js/..' directory and from an external link that will be shown below.

```javascript
// The timezone is set a 'config.php' if changes are needed.
// This fetches the possible suggestions (like looking for a product when adding sales).
function suggestion() {

    $('#sug_input').keyup(function(e) {

        var formData = {
            'product_name' : $('input[name=title]').val()
        };

        if(formData['product_name'].length >= 1){
            $.ajax({
                type        : 'POST',
                url         : 'ajax.php',
                data        : formData,
                dataType    : 'json',
                encode      : true
            })
                .done(function(data) {
                    $('#result').html(data).fadeIn();
                    $('#result li').click(function() {

                        $('#sug_input').val($(this).text());
                        $('#result').fadeOut(500);
                    });

                    $("#sug_input").blur(function(){
                        $("#result").fadeOut(500);
                    });
                });
        } else {
            $("#result").hide();
        };
```

**Bootstrap, JavaScript and jQuery AJAX files used (files not in the local space)**

These are the third-party files used throughout the development.

- https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js
- https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/js/bootstrap.min.js
- //cdnjs.cloudflare.com/ajax/libs/bootstrap-datepicker/1.3.0/js/bootstrap-datepicker.min.js
- //cdnjs.cloudflare.com/ajax/libs/bootstrap-datepicker/1.3.0/css/datepicker3.min.css
- https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css

## LINKS TO THE IDE AND PLUGIN USED



### IDE
**Name**: Visual Studio Code
**Description**: Code editing. Redefined. Free. Built on open source. Runs everywhere.
**Version**: 1.69
**Developer**: Microsoft
**Download Link:** Visual Studio Code - Code Editing. Redefined
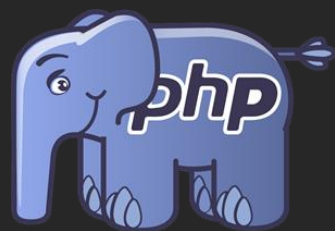


### PLUGIN
**Name**: PHP Intelephense
**Description**: PHP code intelligence for Visual Studio Code
**Version**: 1.8.2
**Publisher**: Ben Mewburn
**VS Marketplace Link:**
https://marketplace.visualstudio.com/items?itemName=bmewburn.vscode-intelephense-client

**GitHub & YouTube Presentation Links**

GitHub: https://github.com/JheyemLSPU/itel203-finalproject

YouTube Presentation: https://youtu.be/Fa85N5V7D98

**Complete Directory List**

FOLDER: 501st Legion/..

| | | | |
|---|---|---|---|
| add_product.php | 7/23/2022 4:46 PM | PHP Source File | 5 KB |
| add_sale.php | 7/23/2022 5:19 PM | PHP Source File | 3 KB |
| admin.php | 7/23/2022 9:33 PM | PHP Source File | 6 KB |
| ajax.php | 7/23/2022 12:12 PM | PHP Source File | 3 KB |
| auth.php | 7/23/2022 3:31 PM | PHP Source File | 1 KB |
| categorie.php | 7/23/2022 6:26 PM | PHP Source File | 4 KB |
| daily_sales.php | 7/23/2022 4:41 PM | PHP Source File | 2 KB |
| delete_categorie.php | 7/23/2022 10:27 PM | PHP Source File | 1 KB |
| delete_product.php | 7/22/2022 9:44 PM | PHP Source File | 1 KB |
| delete_sale.php | 7/22/2022 9:44 PM | PHP Source File | 1 KB |
| edit_categorie.php | 7/23/2022 9:56 PM | PHP Source File | 2 KB |
| edit_product.php | 7/23/2022 9:48 PM | PHP Source File | 6 KB |
| edit_sale.php | 7/23/2022 10:42 AM | PHP Source File | 4 KB |
| home.php | 7/23/2022 8:25 PM | PHP Source File | 1 KB |
| index.php | 7/24/2022 12:34 PM | PHP Source File | 2 KB |
| logout.php | 1/13/2017 2:31 PM | PHP Source File | 1 KB |
| monthly_sales.php | 7/23/2022 4:41 PM | PHP Source File | 2 KB |
| product.php | 7/23/2022 10:56 AM | PHP Source File | 3 KB |
| sale_report_process.php | 7/23/2022 6:39 PM | PHP Source File | 5 KB |
| sales.php | 7/23/2022 4:42 PM | PHP Source File | 3 KB |
| sales_report.php | 7/22/2022 9:45 PM | PHP Source File | 2 KB |

FOLDER: 501st Legion/includes/..

| | | | |
|---|---|---|---|
| config.php | 7/24/2022 12:20 PM | PHP Source File | 1 KB |
| database.php | 7/23/2022 9:51 AM | PHP Source File | 2 KB |
| functions.php | 7/23/2022 9:23 PM | PHP Source File | 3 KB |
| load.php | 7/23/2022 9:49 AM | PHP Source File | 1 KB |
| session.php | 1/13/2017 2:31 PM | PHP Source File | 2 KB |
| sql.php | 7/23/2022 9:57 AM | PHP Source File | 8 KB |
| upload.php | 7/23/2022 10:06 AM | PHP Source File | 3 KB |

FOLDER: 501st Legion/layouts/..

| | | | |
|---|---|---|---|
| admin_menu.php | 7/22/2022 10:25 PM | PHP Source File | 2 KB |
| footer.php | 7/23/2022 10:08 AM | PHP Source File | 1 KB |
| header.php | 7/23/2022 6:20 PM | PHP Source File | 4 KB |
| header_login.php | 7/23/2022 12:49 PM | PHP Source File | 3 KB |

FOLDER: 501st Legion/layouts/..

| | | |
|---|---|---|
| css | 7/23/2022 2:39 AM | File folder |
| images | 7/23/2022 5:36 PM | File folder |
| js | 7/22/2022 9:36 PM | File folder |

FOLDER: 501st Legion/layouts/css/..

| | | | |
|---|---|---|---|
| login.css | 7/23/2022 3:04 AM | Cascading Style S... | 10 KB |
| main.css | 7/23/2022 6:24 PM | Cascading Style S... | 8 KB |

FOLDER: 501st Legion/layouts/images/..

| | | | |
|---|---|---|---|
| Background.jpg | 7/22/2022 9:00 AM | JPG File | 1,168 KB |
| banner.webp | 7/23/2022 3:36 PM | Microsoft Edge H... | 137 KB |
| ds.png | 7/23/2022 3:53 PM | PNG File | 11 KB |
| dv.png | 7/23/2022 4:32 PM | PNG File | 24 KB |
| Flag.png | 7/23/2022 1:20 PM | PNG File | 6 KB |
| Logo.png | 7/22/2022 7:57 AM | PNG File | 104 KB |
| Logo_2.png | 7/23/2022 5:36 PM | PNG File | 65 KB |
| ls.png | 7/23/2022 3:53 PM | PNG File | 11 KB |
| st.png | 7/23/2022 4:40 PM | PNG File | 9 KB |
| tf.png | 7/23/2022 3:57 PM | PNG File | 8 KB |

FOLDER: 501st Legion/layouts/js/..

| | | | |
|---|---|---|---|
| functions.js | 7/24/2022 12:34 PM | JavaScript File | 3 KB |

FOLDER: 501st Legion/uploads/..

| | | |
|---|---|---|
| products | 7/22/2022 9:36 PM | File folder |
| users | 7/23/2022 10:13 AM | File folder |

FOLDER: 501st Legion/uploads/products/..

| | | | |
|---|---|---|---|
| no_image.png | 1/13/2017 2:31 PM | PNG File | 10 KB |

FOLDER: 501st Legion/uploads/users/..

| | | | |
|---|---|---|---|
| no_image.png | 7/23/2022 10:13 AM | PNG File | 53 KB |

# IMAGES OF THE INVENTORY SYSTEM

## LOGIN SCREEN
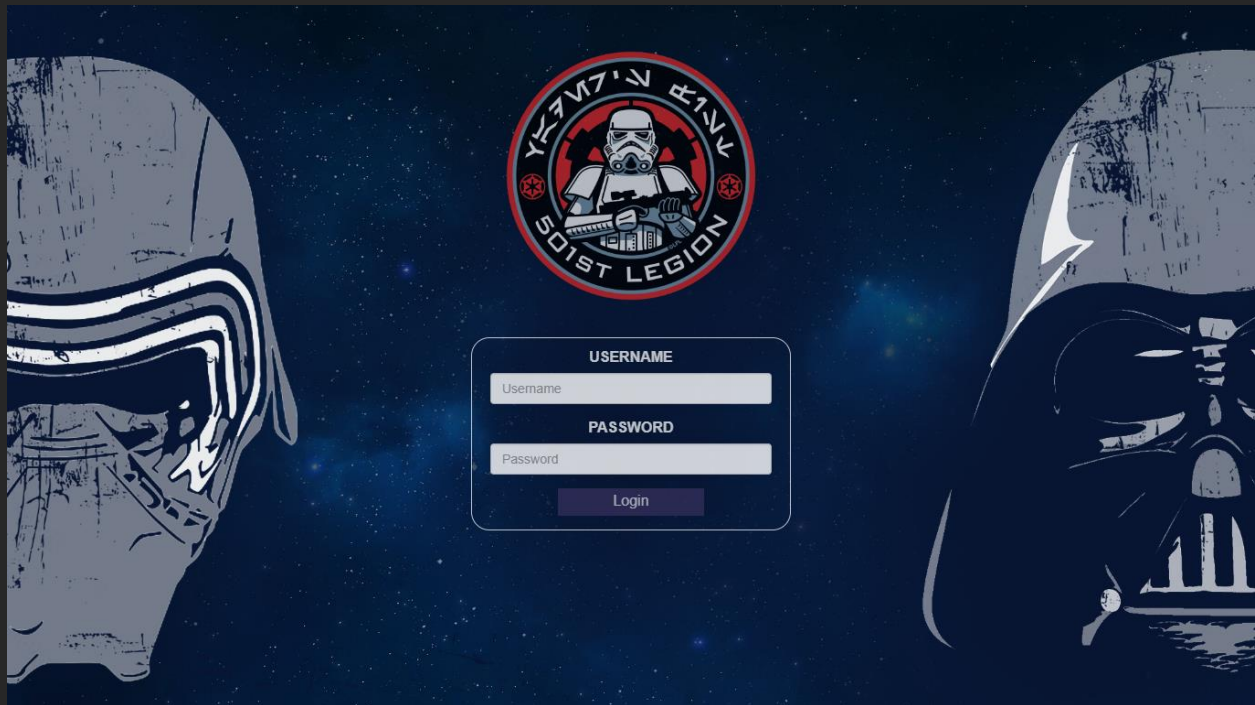


## HOME PAGE
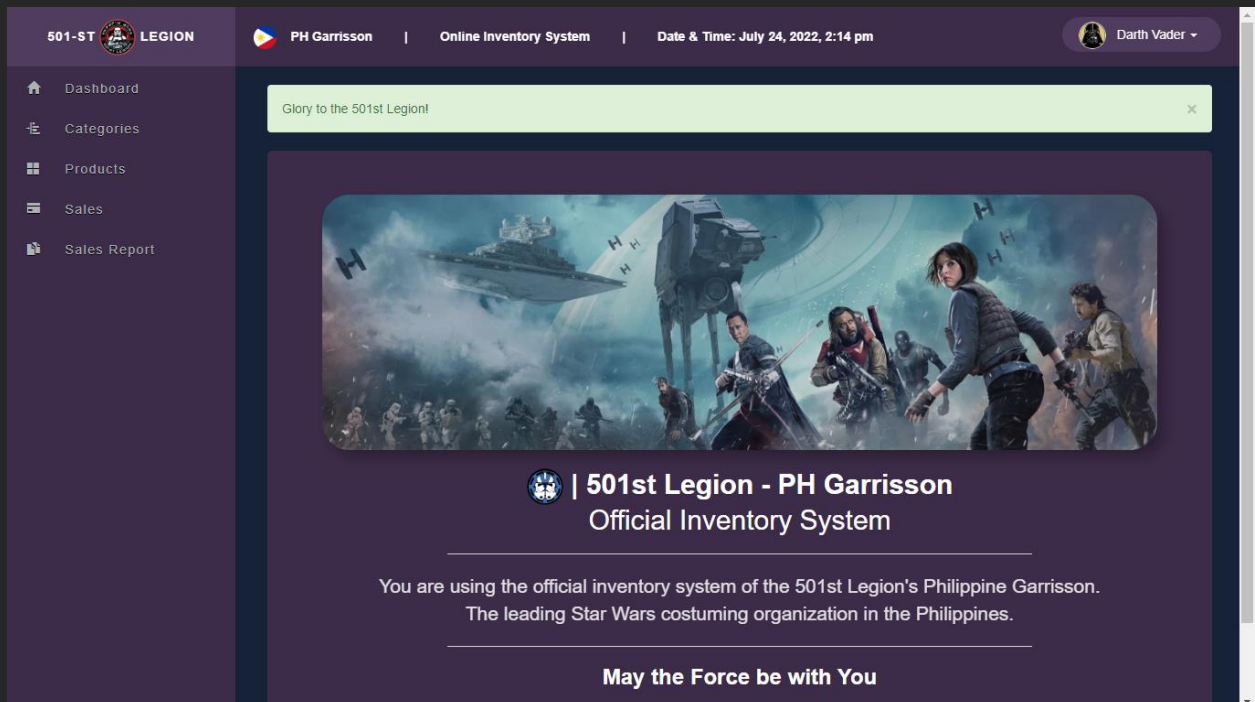
# DASHBOARD

**501-ST LEGION**

PH Garrisson | Online Inventory System | Date & Time: July 24, 2022, 2:16 pm

Darth Vader ▾

- Dashboard
- Categories
- Products
- Sales
- Sales Report

| | 5 |
|---|---|
| | Item Categories |

| | 8 |
|---|---|
| | Products |

| | 6 |
|---|---|
| $ | Total No. of Sales |

## ✕ BESTSELLING PRODUCTS

| Title | Sold | Quantity |
|---|---|---|
| CC 3636 Commander Wolffe Armor Sticker Set | 1 | 20 |
| Darth Vader ROTJ (Helmet) | 1 | 2 |
| Anakin Skywalker's Lightsaber | 1 | 2 |
| Darth Vader ROTS Suit | 1 | 2 |
| Clonetrooper Phase 2 (Full Kit) | 1 | 1 |
| Clonetrooper Phase 1 (Full Kit) | 1 | 1 |

## ⊙ RECENT SALES

| # | Product Name | Date | Total |
|---|---|---|---|
| 1 | Clonetrooper Phase 2 (Full Kit) | 2022-07-23 | $899.00 |
| 2 | Darth Vader ROTJ (Helmet) | 2022-07-23 | $378.00 |
| 3 | CC 3636 Commander Wolffe Armor Sticker Set | 2022-07-23 | $780.00 |
| 4 | Darth Vader ROTS Suit | 2022-07-23 | $1998.00 |
| 5 | Anakin Skywalker's Lightsaber | 2022-07-21 | $398.00 |

## ⊙ NEWLY ADDED PRODUCTS

Din Djarin (Beskar Armor)
**$399**                Armor

Anakin Skywalker's Lightsaber
**$199**          Prop Weapon

Darth Vader ROTJ (Helmet)
**$289**               Helmet

CC 3636 Commander Wolffe Armor Sticker Set
**$39**                 Decal

**$999**  Darth Vader ROTS Suit
                     Full Kit

# CATEGORIES

**501-ST LEGION**

PH Garrisson | Online Inventory System | Date & Time: July 24, 2022, 2:16 pm

Darth Vader ▾

- Dashboard
- Categories
- Products
- Sales
- Sales Report

## ⊙ ADD NEW CATEGORY

Category Name

**Add Category**

## ⊙ ALL CATEGORIES

| # | Categories | Actions |
|---|---|---|
| 1 | Armor | ✎ 🗑 |
| 2 | Decal | ✎ 🗑 |
| 3 | Full Kit | ✎ 🗑 |
| 4 | Helmet | ✎ 🗑 |
| 5 | Prop Weapon | ✎ 🗑 |

# PRODUCTS

- Dashboard
- Categories
- Products
- Sales
- Sales Report

ADD NEW

| # | ITEM NAME | CATEGORY | STOCK | BUY PRICE | SELL PRICE | DATE ADDED | ACTIONS |
|---|-----------|----------|-------|-----------|------------|------------|---------|
| 1 | Clonetrooper - Phase 1 (Full Kit) | Full Kit | 5 | 799.00 | 999.00 | July 22, 2022, 6:30:12 pm | |
| 2 | Clonetrooper - Phase 2 (Full Kit) | Full Kit | 12 | 899.00 | 1099.00 | July 22, 2022, 6:35:41 pm | |
| 3 | CT-7567 Captain Rex (Helmet) | Helmet | 4 | 159.00 | 249.00 | July 23, 2022, 1:58:51 am | |
| 4 | Darth Vader - ROTS Suit | Full Kit | 6 | 799.00 | 999.00 | July 23, 2022, 1:59:27 am | |
| 5 | CC-3636 - Commander Wolffe Armor Sticker Set | Decal | 23 | 19.00 | 39.00 | July 23, 2022, 2:01:14 am | |
| 6 | Darth Vader - ROTJ (Helmet) | Helmet | 12 | 189.00 | 289.00 | July 23, 2022, 2:38:29 am | |
| 7 | Anakin Skywalker's Lightsaber | Prop Weapon | 3 | 99.00 | 199.00 | July 23, 2022, 4:28:43 pm | |
| 8 | Din Djarin (Beskar Armor) | Armor | 10 | 299.00 | 399.00 | July 23, 2022, 10:18:27 pm | |

# ADD PRODUCTS

- Dashboard
- Categories
- Products
- Sales
- Sales Report

## ADD NEW PRODUCT

Item Name / Product Title

Select Category for Product

Quantity     $ Buy Price .00     $ Sell Price .00

ADD PRODUCT

# SALES

501-ST LEGION | PH Garrisson | Online Inventory System | Date & Time: July 24, 2022, 2:17 pm | Darth Vader ▾

- Dashboard
- Categories
- Products
- Sales
- Sales Report

## ALL SALES

ADD SALE

| # | ITEM NAME | QUANTITY | TOTAL | DATE | ACTIONS |
|---|-----------|----------|-------|------|---------|
| 1 | Clonetrooper - Phase 2 (Full Kit) | 1 | 899.00 | 2022-07-23 | |
| 2 | Darth Vader - ROTJ (Helmet) | 2 | 378.00 | 2022-07-23 | |
| 3 | CC-3636 - Commander Wolffe Armor Sticker Set | 20 | 780.00 | 2022-07-23 | |
| 4 | Darth Vader - ROTS Suit | 2 | 1998.00 | 2022-07-23 | |
| 5 | Anakin Skywalker's Lightsaber | 2 | 398.00 | 2022-07-21 | |
| 6 | Clonetrooper - Phase 1 (Full Kit) | 1 | 999.00 | 2022-07-20 | |

# ADD SALES

501-ST LEGION | PH Garrisson | Online Inventory System | Date & Time: July 24, 2022, 2:17 pm | Darth Vader ▾

- Dashboard
- Categories
- Products
- Sales
- Sales Report

Add Item | Search for product name

## ADD SALE

| ITEM NAME | PRICE | QUANTITY | TOTAL PRICE | DATE | ACTIONS |
|-----------|-------|----------|-------------|------|---------|
| | | | | | |

# DAILY SALES

**501-ST LEGION** | PH Garrisson | Online Inventory System | Date & Time: July 24, 2022, 2:17 pm | Darth Vader ▾

- Dashboard
- Categories
- Products
- Sales
- Sales Report

## SALES FOR THIS DAY

| # | Product name | Quantity sold | Total | Date |
|---|---|---|---|---|
| 1 | Clonetrooper - Phase 1 (Full Kit) | 1 | 999.00 | 2022-07-20 |
| 2 | Anakin Skywalker's Lightsaber | 2 | 398.00 | 2022-07-21 |
| 3 | Clonetrooper - Phase 2 (Full Kit) | 1 | 1099.00 | 2022-07-23 |
| 4 | Darth Vader - ROTS Suit | 2 | 1998.00 | 2022-07-23 |
| 5 | CC-3636 - Commander Wolffe Armor Sticker Set | 20 | 780.00 | 2022-07-23 |
| 6 | Darth Vader - ROTJ (Helmet) | 2 | 578.00 | 2022-07-23 |

# MONTHLY SALES

**501-ST LEGION** | PH Garrisson | Online Inventory System | Date & Time: July 24, 2022, 2:17 pm | Darth Vader ▾

- Dashboard
- Categories
- Products
- Sales
- Sales Report

## SALES FOR THIS MONTH

| # | Product name | Quantity sold | Total | Date |
|---|---|---|---|---|
| 1 | Clonetrooper - Phase 1 (Full Kit) | 1 | 999.00 | 2022-07-20 |
| 2 | Clonetrooper - Phase 2 (Full Kit) | 1 | 1099.00 | 2022-07-23 |
| 3 | Darth Vader - ROTS Suit | 2 | 1998.00 | 2022-07-23 |
| 4 | CC-3636 - Commander Wolffe Armor Sticker Set | 20 | 780.00 | 2022-07-23 |
| 5 | Darth Vader - ROTJ (Helmet) | 2 | 578.00 | 2022-07-23 |
| 6 | Anakin Skywalker's Lightsaber | 2 | 398.00 | 2022-07-21 |

## GENERATE SALES REPORT



## GENERATED SALES REPORT

### 501st Legion - PH Garrisson | Sales Report

FROM 2022-07-21 UP TO 2022-07-25

| DATE | ITEM NAME | BUY PRICE | SELL PRICE | QUANTITY | TOTAL |
|---|---|---|---|---|---|
| 2022-07-23 | CC-3636 - Commander Wolffe Armor Sticker Set | 19.00 | 39.00 | 20 | 780.00 |
| 2022-07-23 | Clonetrooper - Phase 2 (Full Kit) | 899.00 | 1099.00 | 1 | 1099.00 |
| 2022-07-23 | Darth Vader - ROTJ (Helmet) | 189.00 | 289.00 | 2 | 578.00 |
| 2022-07-23 | Darth Vader - ROTS Suit | 799.00 | 999.00 | 2 | 1998.00 |
| 2022-07-21 | Anakin Skywalker's Lightsaber | 99.00 | 199.00 | 2 | 398.00 |
| | | | | GRAND TOTAL | $ 4,853.00 |
| | | | | PROFIT | $1,400.00 |

**PROJECT CODE**

add_product.php

```php
<?php
  $page_title = 'Add Product';
  require_once('includes/load.php');
  $all_categories = find_all('categories');
?>
<?php
 if(isset($_POST['add_product'])){
   $req_fields = array('product-title','product-categorie','product-
quantity','buying-price', 'saleing-price' );
   validate_fields($req_fields);
   if(empty($errors)){
     $p_name  = remove_junk($db->escape($_POST['product-title']));
     $p_cat   = remove_junk($db->escape($_POST['product-categorie']));
     $p_qty   = remove_junk($db->escape($_POST['product-quantity']));
     $p_buy   = remove_junk($db->escape($_POST['buying-price']));
     $p_sale  = remove_junk($db->escape($_POST['saleing-price']));
     $date    = make_date();
     $query  = "INSERT INTO products (";
     $query .=" name,quantity,buy_price,sale_price,categorie_id,date";
     $query .=") VALUES (";
     $query .=" '{$p_name}', '{$p_qty}', '{$p_buy}', '{$p_sale}', '{$p_cat}',
'{$date}'";
     $query .=")";
     $query .=" ON DUPLICATE KEY UPDATE name='{$p_name}'";
     if($db->query($query)){
       $session->msg('s',"Product added ");
       redirect('add_product.php', false);
     } else {
       $session->msg('d',' Sorry failed to added!');
       redirect('product.php', false);
     }

   } else{
     $session->msg("d", $errors);
     redirect('add_product.php',false);
   }

 }

?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
```

```
<div class="col-md-12">
  <?php echo display_msg($msg); ?>
</div>
</div>
<div class="row">
<div class="col-md-8">
    <div class="panel panel-default">
      <div class="panel-heading">
        <strong>
          <span><img src="libs/images/st.png" width="30"> </span>
          <span>Add New Product</span>
        </strong>
      </div>
      <div class="panel-body">
      <div class="col-md-12">
        <form method="post" action="add_product.php" class="clearfix">
          <div class="form-group">
            <div class="input-group">
              <span class="input-group-addon">
               <i class="glyphicon glyphicon-th-large"></i>
              </span>
              <input type="text" class="form-control" name="product-title"
placeholder="Item Name / Product Title">
            </div>
          </div>
            <div class="form-group">
              <div class="row">
                <div class="col-md-6">
                  <select class="form-control" name="product-categorie">
                    <option value="">Select Category for Product</option>
                  <?php  foreach ($all_categories as $cat): ?>
                    <option value="<?php echo (int)$cat['id'] ?>">
                      <?php echo $cat['name'] ?></option>
                  <?php endforeach; ?>
                  </select>
                </div>
              </div>
            </div>

            <div class="form-group">
             <div class="row">
                <div class="col-md-4">
                  <div class="input-group">
                    <span class="input-group-addon">
                      <i class="glyphicon glyphicon-shopping-cart"></i>
```

```
                        </span>
                        <input type="number" class="form-control" name="product-
quantity" placeholder="Quantity">
                      </div>
                    </div>
                    <div class="col-md-4">
                      <div class="input-group">
                        <span class="input-group-addon">
                          <i class="glyphicon glyphicon-usd"></i>
                        </span>
                        <input type="number" class="form-control" name="buying-
price" placeholder="Buy Price">
                        <span class="input-group-addon">.00</span>
                      </div>
                    </div>
                      <div class="col-md-4">
                        <div class="input-group">
                          <span class="input-group-addon">
                            <i class="glyphicon glyphicon-usd"></i>
                          </span>
                          <input type="number" class="form-control" name="saleing-
price" placeholder="Sell Price">
                          <span class="input-group-addon">.00</span>
                        </div>
                      </div>
                  </div>
                </div>
                <button type="submit" name="add_product" class="btn btn-danger">ADD
PRODUCT</button>
            </form>
          </div>
        </div>
      </div>
    </div>
  </div>

<?php include_once('layouts/footer.php'); ?>
```

add_sale.php

```php
<?php
  $page_title = 'Add Sale';
  require_once('includes/load.php');
?>
<?php

  if(isset($_POST['add_sale'])){
    $req_fields = array('s_id','quantity','price','total', 'date' );
    validate_fields($req_fields);
      if(empty($errors)){
        $p_id       = $db->escape((int)$_POST['s_id']);
        $s_qty      = $db->escape((int)$_POST['quantity']);
        $s_total    = $db->escape($_POST['total']);
        $date       = $db->escape($_POST['date']);
        $s_date     = make_date();

        $sql  = "INSERT INTO sales (";
        $sql .= " product_id,qty,price,date";
        $sql .= ") VALUES (";
        $sql .= "'{$p_id}','{$s_qty}','{$s_total}','{$s_date}'";
        $sql .= ")";

                if($db->query($sql)){
                  update_product_qty($s_qty,$p_id);
                  $session->msg('s',"Sale added. ");
                  redirect('add_sale.php', false);
                } else {
                  $session->msg('d',' Sorry failed to add!');
                  redirect('add_sale.php', false);
                }
      } else {
          $session->msg("d", $errors);
          redirect('add_sale.php',false);
      }
  }

?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
  <div class="col-md-6">
    <?php echo display_msg($msg); ?>
    <form method="post" action="ajax.php" autocomplete="off" id="sug-form">
        <div class="form-group">
          <div class="input-group">
```

```html
            <span class="input-group-btn">
              <button type="submit" class="btn btn-primary">Add Item</button>
            </span>
            <input type="text" id="sug_input" class="form-control"
name="title"  placeholder="Search for product name">
          </div>
          <div id="result" class="list-group"></div>
        </div>
    </form>
  </div>
</div>
<div class="row">

  <div class="col-md-12">
    <div class="panel panel-default">
      <div class="panel-heading clearfix">
        <strong>
          <span><img src="libs/images/st.png" width="30"> </span>
          <span>ADD SALE</span>
        </strong>
      </div>
      <div class="panel-body">
        <form method="post" action="add_sale.php">
        <table class="table table-bordered">
          <thead>
           <th> ITEM NAME </th>
           <th> PRICE </th>
           <th> QUANTITY </th>
           <th> TOTAL PRICE </th>
           <th> DATE</th>
           <th> ACTIONS</th>
          </thead>
            <tbody  id="product_info"> </tbody>
        </table>
        </form>
      </div>
    </div>
  </div>

</div>

<?php include_once('layouts/footer.php'); ?>
```

admin.php

```php
<?php
  $page_title = 'Admin Home Page';
  require_once('includes/load.php');
?>
<?php
 $c_categorie     = count_by_id('categories');
 $c_product       = count_by_id('products');
 $c_sale          = count_by_id('sales');
 $products_sold   = find_higest_saleing_product('10');
 $recent_products = find_recent_product_added('5');
 $recent_sales    = find_recent_sale_added('5')
?>
<?php include_once('layouts/header.php'); ?>

<div class="row">
   <div class="col-md-6">
      <?php echo display_msg($msg); ?>
   </div>
</div>
  <div class="row">

  <a href="categorie.php" style="color:black;">
    <div class="col-md-4">
       <div class="panel panel-box clearfix">
         <div class="panel-icon pull-left" style="background-color:#4f3c5e">
           <i class="glyphicon glyphicon-th-list"></i>
         </div>
         <div class="panel-value pull-right">
           <h2 class="margin-top"> <?php  echo $c_categorie['total']; ?> </h2>
           <p class="text-muted">Item Categories</p>
         </div>
       </div>
    </div>
  </a>

  <a href="product.php" style="color:black;">
    <div class="col-md-4">
       <div class="panel panel-box clearfix">
         <div class="panel-icon pull-left" style="background-color:#674e7b">
           <i class="glyphicon glyphicon-shopping-cart"></i>
         </div>
         <div class="panel-value pull-right">
           <h2 class="margin-top"> <?php  echo $c_product['total']; ?> </h2>
           <p class="text-muted">Products</p>
```

```html
        </div>
      </div>
    </div>
  </a>

  <a href="sales.php" style="color:black;">
    <div class="col-md-4">
      <div class="panel panel-box clearfix">
        <div class="panel-icon pull-left" style="background-color:#0A72BD">
          <i class="glyphicon glyphicon-usd"></i>
        </div>
        <div class="panel-value pull-right">
          <h2 class="margin-top"> <?php  echo $c_sale['total']; ?></h2>
          <p class="text-muted">Total No. of Sales</p>
        </div>
      </div>
    </div>
  </a>
</div>

<hr class="divider">

  <div class="row">
   <div class="col-md-4">
     <div class="panel panel-default">
       <div class="panel-heading">
         <strong>
           <span><img src="libs/images/ls.png" width="20"> </span>
           <span>Bestselling Products</span>
         </strong>
       </div>
       <div class="panel-body">
         <table class="table table-striped table-bordered table-condensed">
          <thead>
           <tr>
             <th>Title</th>
             <th>Sold</th>
             <th>Quantity</th>
           <tr>
          </thead>
          <tbody>
            <?php foreach ($products_sold as  $product_sold): ?>
              <tr>
                <td><?php echo
remove_junk(first_character($product_sold['name'])); ?></td>
```

```php
            <td><?php echo (int)$product_sold['totalSold']; ?></td>
            <td><?php echo (int)$product_sold['totalQty']; ?></td>
          </tr>
        <?php endforeach; ?>
      <tbody>
    </table>
  </div>
 </div>
</div>
<div class="col-md-4">
   <div class="panel panel-default">
     <div class="panel-heading">
       <strong>
         <span><img src="libs/images/ds.png" width="20"> </span>
         <span>RECENT SALES</span>
       </strong>
     </div>
     <div class="panel-body">
       <table class="table table-striped table-bordered table-condensed">
   <thead>
     <tr>
       <th class="text-center" style="width: 50px;">#</th>
       <th>Product Name</th>
       <th>Date</th>
       <th>Total</th>
     </tr>
   </thead>
   <tbody>
     <?php foreach ($recent_sales as  $recent_sale): ?>
     <tr>
       <td class="text-center"><?php echo count_id();?></td>
       <td>
        <a href="edit_sale.php?id=<?php echo (int)$recent_sale['id']; ?>">
          <?php echo remove_junk(first_character($recent_sale['name'])); ?>
        </a>
       </td>
       <td><?php echo remove_junk(ucfirst($recent_sale['date'])); ?></td>
       <td>$<?php echo
remove_junk(first_character($recent_sale['price'])); ?></td>
      </tr>

    <?php endforeach; ?>
    </tbody>
  </table>
 </div>
```

```php
      </div>
     </div>
     <div class="col-md-4">
       <div class="panel panel-default">
        <div class="panel-heading">
          <strong>
            <span><img src="libs/images/tf.png" width="20"> </span>
            <span>Newly Added Products</span>
          </strong>
        </div>
        <div class="panel-body">

          <div class="list-group">
        <?php foreach ($recent_products as  $recent_product): ?>
              <a class="list-group-item clearfix" href="edit_product.php?id=<?php
echo    (int)$recent_product['id'];?>">
                <h4 class="list-group-item-heading">
                <?php echo str_repeat(' ', 1);?>
                <?php echo
remove_junk(first_character($recent_product['name']));?>
                  <span class="label pull-left" style="background-color:#0A72BD">
                 $<?php echo (int)$recent_product['sale_price']; ?>
                  </span>
                </h4>
                <span class="list-group-item-text pull-right">
                <?php echo
remove_junk(first_character($recent_product['categorie'])); ?>
               </span>
            </a>
        <?php endforeach; ?>
        </div>
      </div>
     </div>
    </div>
   </div>
    <div class="row">

    </div>



<?php include_once('layouts/footer.php'); ?>
```

ajax.php

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

<?php
 // This lists all autosuggestions (like in Add Product)
    $html = '';
   if(isset($_POST['product_name']) && strlen($_POST['product_name']))
   {
     $products = find_product_by_title($_POST['product_name']);
     if($products){
        foreach ($products as $product):
           $html .= "<li class=\"list-group-item\">";
           $html .= $product['name'];
           $html .= "</li>";
         endforeach;
      } else {

        $html .= '<li onClick=\"fill(\''.addslashes().'\')\" class=\"list-group-
item\">';
        $html .= 'Not found';
        $html .= "</li>";

      }

      echo json_encode($html);
   }
 ?>
 <?php

 // This lists all the product info per title
  if(isset($_POST['p_name']) && strlen($_POST['p_name']))
  {
    $product_title = remove_junk($db->escape($_POST['p_name']));
    if($results = find_all_product_info_by_title($product_title)){
       foreach ($results as $result) {

         $html .= "<tr>";

         $html .= "<td id=\"s_name\">".$result['name']."</td>";
         $html .= "<input type=\"hidden\" name=\"s_id\"
value=\"{$result['id']}\">";
         $html  .= "<td>";
```

```php
        $html  .= "<input type=\"text\" class=\"form-control\" name=\"price\"
value=\"{$result['sale_price']}\">";
        $html  .= "</td>";
        $html .= "<td id=\"s_qty\">";
        $html .= "<input type=\"text\" class=\"form-control\" name=\"quantity\"
value=\"1\">";
        $html  .= "</td>";
        $html  .= "<td>";
        $html  .= "<input type=\"text\" class=\"form-control\" name=\"total\"
value=\"{$result['sale_price']}\">";
        $html  .= "</td>";
        $html  .= "<td>";
        $html  .= "<input type=\"date\" class=\"form-control datePicker\"
name=\"date\" data-date data-date-format=\"yyyy-mm-dd\">";
        $html  .= "</td>";
        $html  .= "<td>";
        $html  .= "<button type=\"submit\" name=\"add_sale\" class=\"btn btn-
primary\">Add sale</button>";
        $html  .= "</td>";
        $html  .= "</tr>";


    }
  } else {
      $html ='<tr><td>product name not resgister in database</td></tr>';
  }

  echo json_encode($html);
 }
?>
```

auth.php

```php
<?php include_once('includes/load.php'); ?>
<?php
$req_fields = array('username','password' );
validate_fields($req_fields);
$username = remove_junk($_POST['username']);
$password = remove_junk($_POST['password']);

if(empty($errors)){
  $user_id = authenticate($username, $password);
  if($user_id){
    $session->login($user_id);
    updateLastLogIn($user_id);
```

```php
      $session->msg("s", "Glory to the 501st Legion!");
      redirect('home.php',false);

    } else {
      $session->msg("d", "Invalid Credentials. Please Try Again.");
      redirect('index.php',false);
    }

} else {
   $session->msg("d", $errors);
   redirect('index.php',false);
}

?>
```

categorie.php

```php
<?php
  $page_title = 'All categories';
  require_once('includes/load.php');

  $all_categories = find_all('categories')
?>
<?php
 if(isset($_POST['add_cat'])){
   $req_field = array('categorie-name');
   validate_fields($req_field);
   $cat_name = remove_junk($db->escape($_POST['categorie-name']));
   if(empty($errors)){
      $sql  = "INSERT INTO categories (name)";
      $sql .= " VALUES ('{$cat_name}')";
      if($db->query($sql)){
        $session->msg("s", "Successfully Added New Category");
        redirect('categorie.php',false);
      } else {
        $session->msg("d", "Sorry Failed to insert.");
        redirect('categorie.php',false);
      }
   } else {
     $session->msg("d", $errors);
     redirect('categorie.php',false);
   }
 }
?>
```

```php
<?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-5">
      <div class="panel panel-default">
        <div class="panel-heading">
          <strong>
            <span><img src="libs/images/st.png" width="30"> </span>
            <span>Add New Category</span>
          </strong>
        </div>
        <div class="panel-body">
          <form method="post" action="categorie.php">
            <div class="form-group">
              <input type="text" class="form-control" name="categorie-name"
placeholder="Category Name">
            </div>
            <button type="submit" name="add_cat" class="btn btn-primary">Add
Category</button>
          </form>
        </div>
      </div>
    </div>
    <div class="col-md-7">
    <div class="panel panel-default">
      <div class="panel-heading">
        <strong>
          <span><img src="libs/images/st.png" width="30"> </span>
          <span>All Categories</span>
        </strong>
      </div>
        <div class="panel-body">
          <table class="table table-bordered table-striped table-hover">
            <thead>
              <tr>
                <th class="text-center" style="width: 50px;">#</th>
                <th>Categories</th>
                <th class="text-center" style="width: 100px;">Actions</th>
              </tr>
            </thead>
```

```
            <tbody>
              <?php foreach ($all_categories as $cat):?>
                <tr>
                    <td class="text-center"><?php echo count_id();?></td>
                    <td><?php echo remove_junk(ucfirst($cat['name'])); ?></td>
                    <td class="text-center">
                      <div class="btn-group">
                        <a href="edit_categorie.php?id=<?php echo
(int)$cat['id'];?>"  class="btn btn-xs btn-warning" data-toggle="tooltip"
title="Edit">
                            <span class="glyphicon glyphicon-edit"></span>
                        </a>
                        <a href="delete_categorie.php?id=<?php echo
(int)$cat['id'];?>"  class="btn btn-xs btn-danger" data-toggle="tooltip"
title="Remove">
                            <span class="glyphicon glyphicon-trash"></span>
                        </a>
                      </div>
                    </td>

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

daily_sales.php

```
<?php
  $page_title = 'Daily Sales';
  require_once('includes/load.php');
?>

<?php
 $year  = date('Y');
 $month = date('m');
 $sales = dailySales($year,$month);
?>
<?php include_once('layouts/header.php'); ?>
```

```php
<div class="row">
  <div class="col-md-6">
    <?php echo display_msg($msg); ?>
  </div>
</div>
  <div class="row">
    <div class="col-md-12">
      <div class="panel panel-default">
        <div class="panel-heading clearfix">
          <strong>
            <span><img src="libs/images/st.png" width="30"> </span>
            <span>Sales for this day</span>
          </strong>
        </div>
        <div class="panel-body">
          <table class="table table-bordered table-striped">
            <thead>
              <tr>
                <th class="text-center" style="width: 50px;">#</th>
                <th> Product name </th>
                <th class="text-center" style="width: 15%;"> Quantity sold</th>
                <th class="text-center" style="width: 15%;"> Total </th>
                <th class="text-center" style="width: 15%;"> Date </th>
              </tr>
            </thead>
            <tbody>
              <?php foreach ($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['total_saleing_price']); ?></td>
                <td class="text-center"><?php echo $sale['date']; ?></td>
              </tr>
              <?php endforeach;?>
            </tbody>
          </table>
        </div>
      </div>
    </div>
  </div>

<?php include_once('layouts/footer.php'); ?>
```

delete_categorie.php

```php
<?php
  require_once('includes/load.php');
?>
<?php
  $categorie = find_by_id('categories',(int)$_GET['id']);
  if(!$categorie){
    $session->msg("d","Missing Category id.");
    redirect('categorie.php');
  }
?>
<?php
  $delete_id = delete_by_id('categories',(int)$categorie['id']);
  if($delete_id){
      $session->msg("s","Category deleted.");
      redirect('categorie.php');
  } else {
      $session->msg("d","Category deletion failed.");
      redirect('categorie.php');
  }
?>
```

delete_product.php

```php
<?php
  require_once('includes/load.php');
?>
<?php
  $product = find_by_id('products',(int)$_GET['id']);
  if(!$product){
    $session->msg("d","Missing Product id.");
    redirect('product.php');
  }
?>
<?php
  $delete_id = delete_by_id('products',(int)$product['id']);
  if($delete_id){
      $session->msg("s","Products deleted.");
      redirect('product.php');
  } else {
      $session->msg("d","Products deletion failed.");
      redirect('product.php');
  }
?>
```

delete_sale.php

```php
<?php
  require_once('includes/load.php');
?>
<?php
  $d_sale = find_by_id('sales',(int)$_GET['id']);
  if(!$d_sale){
    $session->msg("d","Missing sale id.");
    redirect('sales.php');
  }
?>
<?php
  $delete_id = delete_by_id('sales',(int)$d_sale['id']);
  if($delete_id){
      $session->msg("s","sale deleted.");
      redirect('sales.php');
  } else {
      $session->msg("d","sale deletion failed.");
      redirect('sales.php');
  }
?>
```

edit_categorie.php

```php
<?php
  $page_title = 'Edit category';
  require_once('includes/load.php');
?>
<?php

  // This will display all categories.
  $categorie = find_by_id('categories',(int)$_GET['id']);
  if(!$categorie){
    $session->msg("d","Missing category id.");
    redirect('categorie.php');
  }
?>

<?php
if(isset($_POST['edit_cat'])){
  $req_field = array('categorie-name');
  validate_fields($req_field);
  $cat_name = remove_junk($db->escape($_POST['categorie-name']));
  if(empty($errors)){
```

```php
        $sql = "UPDATE categories SET name='{$cat_name}'";
        $sql .= " WHERE id='{$categorie['id']}'";
      $result = $db->query($sql);
      if($result && $db->affected_rows() === 1) {
        $session->msg("s", "Successfully updated category");
        redirect('categorie.php',false);
      } else {
        $session->msg("d", "Sorry! Failed to Update");
        redirect('categorie.php',false);
      }
  } else {
    $session->msg("d", $errors);
    redirect('categorie.php',false);
  }
}
?>
<?php include_once('layouts/header.php'); ?>

<div class="row">
   <div class="col-md-12">
     <?php echo display_msg($msg); ?>
   </div>
   <div class="col-md-5">
     <div class="panel panel-default">
       <div class="panel-heading">
        <strong>
          <span class="glyphicon glyphicon-th"></span>
          <span>Editing <?php echo
remove_junk(ucfirst($categorie['name']));?></span>
        </strong>
       </div>
       <div class="panel-body">
         <form method="post" action="edit_categorie.php?id=<?php echo
(int)$categorie['id'];?>">
           <div class="form-group">
              <input type="text" class="form-control" name="categorie-name"
value="<?php echo remove_junk(ucfirst($categorie['name']));?>">
           </div>
           <button type="submit" name="edit_cat" class="btn btn-primary">UPDATE
CATEGORY</button>
        </form>
       </div>
     </div>
   </div>
</div>
```

```php
<?php include_once('layouts/footer.php'); ?>
```

edit_product.php

```php
<?php
  $page_title = 'Edit product';
  require_once('includes/load.php');
?>
<?php
$product = find_by_id('products',(int)$_GET['id']);
$all_categories = find_all('categories');
$all_photo = find_all('media');
if(!$product){
  $session->msg("d","Missing product id.");
  redirect('product.php');
}
?>
<?php
 if(isset($_POST['product'])){
    $req_fields = array('product-title','product-categorie','product-
quantity','buying-price', 'saleing-price' );
    validate_fields($req_fields);

   if(empty($errors)){
       $p_name  = remove_junk($db->escape($_POST['product-title']));
       $p_cat   = (int)$_POST['product-categorie'];
       $p_qty   = remove_junk($db->escape($_POST['product-quantity']));
       $p_buy   = remove_junk($db->escape($_POST['buying-price']));
       $p_sale  = remove_junk($db->escape($_POST['saleing-price']));
       $query   = "UPDATE products SET";
       $query  .=" name ='{$p_name}', quantity ='{$p_qty}',";
       $query  .=" buy_price ='{$p_buy}', sale_price ='{$p_sale}', categorie_id
='{$p_cat}'";
       $query  .=" WHERE id ='{$product['id']}'";
       $result = $db->query($query);
               if($result && $db->affected_rows() === 1){
                 $session->msg('s',"Product updated ");
                 redirect('product.php', false);
               } else {
                 $session->msg('d',' Sorry failed to updated!');
                 redirect('edit_product.php?id='.$product['id'], false);
```

```php
            }

    } else{
        $session->msg("d", $errors);
        redirect('edit_product.php?id='.$product['id'], false);
    }

 }

?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
  <div class="col-md-12">
    <?php echo display_msg($msg); ?>
  </div>
</div>
  <div class="row">
      <div class="panel panel-default">
        <div class="panel-heading">
          <strong>
            <span class="glyphicon glyphicon-th"></span>
            <span>Edit Product</span>
          </strong>
        </div>
        <div class="panel-body">
        <div class="col-md-7">
          <form method="post" action="edit_product.php?id=<?php echo
(int)$product['id'] ?>">
            <div class="form-group">
              <div class="input-group">
                <span class="input-group-addon">
                 <i class="glyphicon glyphicon-th-large"></i>
                </span>
                <input type="text" class="form-control" name="product-title"
value="<?php echo remove_junk($product['name']);?>">
              </div>
            </div>
            <div class="form-group">
              <div class="row">
                <div class="col-md-6">
                  <select class="form-control" name="product-categorie">
                  <option value=""> Select a categorie</option>
                  <?php  foreach ($all_categories as $cat): ?>
                    <option value="<?php echo (int)$cat['id']; ?>" <?php
if($product['categorie_id'] === $cat['id']): echo "selected"; endif; ?> >
```

```php
                    <?php echo remove_junk($cat['name']); ?></option>
                 <?php endforeach; ?>
               </select>
              </div>
            </div>
          </div>

          <div class="form-group">
           <div class="row">
             <div class="col-md-4">
              <div class="form-group">
                <label for="qty">Quantity</label>
                <div class="input-group">
                  <span class="input-group-addon">
                   <i class="glyphicon glyphicon-shopping-cart"></i>
                  </span>
                  <input type="number" class="form-control" name="product-
quantity" value="<?php echo remove_junk($product['quantity']); ?>">
                </div>
              </div>
             </div>
             <div class="col-md-4">
              <div class="form-group">
                <label for="qty">Buying price</label>
                <div class="input-group">
                  <span class="input-group-addon">
                    <i class="glyphicon glyphicon-usd"></i>
                  </span>
                  <input type="number" class="form-control" name="buying-
price" value="<?php echo remove_junk($product['buy_price']);?>">
                  <span class="input-group-addon">.00</span>
                </div>
              </div>
             </div>
             <div class="col-md-4">
              <div class="form-group">
                <label for="qty">Selling price</label>
                <div class="input-group">
                  <span class="input-group-addon">
                    <i class="glyphicon glyphicon-usd"></i>
                  </span>
                  <input type="number" class="form-control" name="saleing-
price" value="<?php echo remove_junk($product['sale_price']);?>">
                  <span class="input-group-addon">.00</span>
                </div>
```

```
                    </div>
                  </div>
                </div>
              </div>
              <button type="submit" name="product" class="btn btn-
danger">Update</button>
            </form>
          </div>
        </div>
      </div>
    </div>


<?php include_once('layouts/footer.php'); ?>
```

edit_sale.php

```php
<?php
  $page_title = 'Edit sale';
  require_once('includes/load.php');
?>
<?php
$sale = find_by_id('sales',(int)$_GET['id']);
if(!$sale){
  $session->msg("d","Missing Product ID.");
  redirect('sales.php');
}
?>
<?php $product = find_by_id('products',$sale['product_id']); ?>
<?php

  if(isset($_POST['update_sale'])){
    $req_fields = array('title','quantity','price','total', 'date' );
    validate_fields($req_fields);
      if(empty($errors)){
        $p_id       = $db->escape((int)$product['id']);
        $s_qty      = $db->escape((int)$_POST['quantity']);
        $s_total    = $db->escape($_POST['total']);
        $date       = $db->escape($_POST['date']);
        $s_date     = date("Y-m-d", strtotime($date));

        $sql  = "UPDATE sales SET";
        $sql .= " product_id=
'{$p_id}',qty={$s_qty},price='{$s_total}',date='{$s_date}'";
        $sql .= " WHERE id ='{$sale['id']}'";
```

```php
            $result = $db->query($sql);
            if( $result && $db->affected_rows() === 1){
                    update_product_qty($s_qty,$p_id);
                    $session->msg('s',"Sale updated.");
                    redirect('edit_sale.php?id='.$sale['id'], false);
                } else {
                    $session->msg('d',' Sorry failed to updated!');
                    redirect('sales.php', false);
                }
        } else {
            $session->msg("d", $errors);
            redirect('edit_sale.php?id='.(int)$sale['id'],false);
        }
    }

?>

<?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">
    <div class="panel-heading clearfix">
      <strong>
        <span class="glyphicon glyphicon-th"></span>
        <span>All Sales</span>
      </strong>
      <div class="pull-right">
        <a href="sales.php" class="btn btn-primary">Show all sales</a>
      </div>
    </div>
    <div class="panel-body">
        <table class="table table-bordered">
          <thead>
            <th> Product title </th>
            <th> Qty </th>
            <th> Price </th>
            <th> Total </th>
            <th> Date</th>
            <th> Action</th>
```

```php
        </thead>
          <tbody  id="product_info">
              <tr>
              <form method="post" action="edit_sale.php?id=<?php echo
(int)$sale['id']; ?>">
                <td id="s_name">
                  <input type="text" class="form-control" id="sug_input"
name="title" value="<?php echo remove_junk($product['name']); ?>">
                  <div id="result" class="list-group"></div>
                </td>
                <td id="s_qty">
                  <input type="text" class="form-control" name="quantity"
value="<?php echo (int)$sale['qty']; ?>">
                </td>
                <td id="s_price">
                  <input type="text" class="form-control" name="price"
value="<?php echo remove_junk($product['sale_price']); ?>" >
                </td>
                <td>
                  <input type="text" class="form-control" name="total"
value="<?php echo remove_junk($sale['price']); ?>">
                </td>
                <td id="s_date">
                  <input type="date" class="form-control datepicker" name="date"
data-date-format="" value="<?php echo remove_junk($sale['date']); ?>">
                </td>
                <td>
                  <button type="submit" name="update_sale" class="btn btn-
primary">Update sale</button>
                </td>
            </form>
            </tr>
          </tbody>
      </table>

    </div>
  </div>
  </div>

</div>

<?php include_once('layouts/footer.php'); ?>
```

home.php

```php
<?php
  $page_title = 'Home Page';
  require_once('includes/load.php');
  if (!$session->isUserLoggedIn(true)) { redirect('index.php', false);}
?>
<?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>
      <div class="jumbotron text-center" style="background-color:#3c2c49;";>
        <img src="libs/images/banner.webp" class="banner">
        <h2 class="txth"><img src="libs/images/Logo_2.png" width="40px"> <b>|
501st Legion - PH Garrisson</b><br>Official Inventory System</h2>
        <hr class="introline">
        <p class="txthm">You are using the official inventory system of the
501st Legion's Philippine Garrisson.
        <br>The leading Star Wars costuming organization in the Philippines.
        <hr class="introline">
        <h3 style="color: white;"><b>May the Force be with You</b></h3></p>
    </div>
   </div>
 </div>
</div>
<?php include_once('layouts/footer.php'); ?>
```

index.php

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

<!-- This is to include the header for this page. This specific header, however,
is for the login page only. -->
<?php include_once('layouts/header_login.php'); ?>

<!-- The background and other non-Boobstrap and jQuery styles are in the
login.css file,
which this file connects to through the 'header_login.php' file. -->
```

```html
<center>
<img class="logo" src="libs/images/Logo.png">
<div class="login-page">
    <div class="text-center">
    </div>
    <?php echo display_msg($msg); ?>
     <form method="post" action="auth.php" class="clearfix">
        <div class="form-group">
              <label for="username" class="lbl">USERNAME</label>
              <input type="name" class="form-control" name="username"
placeholder="Username">
        </div>
        <div class="form-group">
            <label for="Password" class="lbl">PASSWORD</label>
            <input type="password" name= "password" class="form-control"
placeholder="Password">
        </div>
        <div class="form-group">
                <button type="submit" class="button" style="border-
radius:0%">Login</button>
        </div>
    </form>
</div>
</center>

<!-- This is to include the footer for this page. This will appear in almost
every main PHP file in the project -->
<?php include_once('layouts/footer.php'); ?>
```

logout.php

```php
<?php
  require_once('includes/load.php');
  if(!$session->logout()) {redirect("index.php");}
?>
```

monthly_sales.php

```php
<?php
  $page_title = 'Monthly Sales';
  require_once('includes/load.php');
?>
```

```php
<?php
 $year = date('Y');
 $sales = monthlySales($year);
?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
  <div class="col-md-6">
    <?php echo display_msg($msg); ?>
  </div>
</div>
  <div class="row">
    <div class="col-md-12">
      <div class="panel panel-default">
        <div class="panel-heading clearfix">
          <strong>
            <span><img src="libs/images/st.png" width="30"> </span>
            <span>Sales for this month</span>
          </strong>
        </div>
        <div class="panel-body">
          <table class="table table-bordered table-striped">
            <thead>
              <tr>
                <th class="text-center" style="width: 50px;">#</th>
                <th> Product name </th>
                <th class="text-center" style="width: 15%;"> Quantity sold</th>
                <th class="text-center" style="width: 15%;"> Total </th>
                <th class="text-center" style="width: 15%;"> Date </th>
              </tr>
            </thead>
          <tbody>
            <?php foreach ($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['total_saleing_price']); ?></td>
              <td class="text-center"><?php echo $sale['date']; ?></td>
            </tr>
            <?php endforeach;?>
          </tbody>
        </table>
      </div>
    </div>
```

```php
        </div>
    </div>


<?php include_once('layouts/footer.php'); ?>
```

product.php

```php
<?php
  $page_title = 'All Product';
  require_once('includes/load.php');
  $products = join_product_table();
?>
<?php include_once('layouts/header.php'); ?>
  <div class="row">
    <div class="col-md-12">
      <?php echo display_msg($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> ITEM NAME </th>
                <th class="text-center" style="width: 10%;"> CATEGORY </th>
                <th class="text-center" style="width: 10%;"> STOCK </th>
                <th class="text-center" style="width: 10%;"> BUY PRICE </th>
                <th class="text-center" style="width: 10%;"> SELL PRICE </th>
                <th class="text-center" style="width: 22%;"> DATE ADDED </th>
                <th class="text-center" style="width: 80px;"> ACTIONS </th>
              </tr>
            </thead>
            <tbody>
              <?php foreach ($products as $product):?>
              <tr>
                <td class="text-center"><?php echo count_id();?></td>
                <td> <?php echo remove_junk($product['name']); ?></td>
```

```php
                  <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>
              <?php endforeach; ?>
            </tbody>
          </tabel>
        </div>
      </div>
    </div>
    <?php include_once('layouts/footer.php'); ?>
```

sale_report_process.php

```php
<?php
$page_title = 'Sales Report';
$results = '';
  require_once('includes/load.php');
?>
<?php
  if(isset($_POST['submit'])){
    $req_dates = array('start-date','end-date');
```

```php
        validate_fields($req_dates);

        if(empty($errors)):
          $start_date    = remove_junk($db->escape($_POST['start-date']));
          $end_date      = remove_junk($db->escape($_POST['end-date']));
          $results       = find_sale_by_dates($start_date,$end_date);
        else:
          $session->msg("d", $errors);
          redirect('sales_report.php', false);
        endif;

    } else {
      $session->msg("d", "Select dates");
      redirect('sales_report.php', false);
    }
?>
<!doctype html>
<html lang="en-US">
 <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
    <title>Default Page Title</title>
      <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css"/>
    <style>
    @media print {
      html,body{
          font-size: 9.5pt;
          margin: 0;
          padding: 0;
      }

      .page-break {
        page-break-before:always;
        width: auto;
        margin: auto;
      }
    }

    .page-break{
      width: 980px;
      margin: 0 auto;
    }

    .sale-head{
        margin: 40px 0;
```

```
      text-align: center;
    }

    .sale-head h1,.sale-head strong{
      padding: 10px 20px;
      display: block;
    }

    .sale-head h1{
      margin: 0;
      border-bottom: 1px solid #212121;
    }

    .table>thead:first-child>tr:first-child>th{
      border-top: 1px solid #000;
     }

     table thead tr th {
      text-align: center;
      border: 1px solid #ededed;
    }

    table tbody tr td{
      vertical-align: middle;
    }

    .sale-head,table.table thead tr th,table tbody tr td,table tfoot tr td{
      border: 1px solid #212121;
      white-space: nowrap;
    }

    .sale-head h1,table thead tr th,table tfoot tr td{
      background-color: #f8f8f8;
    }

    tfoot{
      color:#000;
      text-transform: uppercase;
      font-weight: 500;
    }
  </style>
</head>
<body>
  <?php if($results): ?>
    <div class="page-break">
```

```php
        <div class="sale-head">
            <h1><b>501st Legion - PH Garrisson | Sales Report</b></h1>
            <strong>FROM <?php if(isset($start_date)){ echo $start_date;}?> UP TO
<?php if(isset($end_date)){echo $end_date;}?> </strong>
        </div>
        <table class="table table-border">
          <thead>
            <tr>
                <th>DATE</th>
                <th>ITEM NAME</th>
                <th>BUY PRICE</th>
                <th>SELL PRICE</th>
                <th>QUANTITY</th>
                <th>TOTAL</th>
            </tr>
          </thead>
          <tbody>
            <?php foreach($results as $result): ?>
             <tr>
                <td class=""><?php echo remove_junk($result['date']);?></td>
                <td class="desc">
                  <h6><?php echo remove_junk(ucfirst($result['name']));?></h6>
                </td>
                <td class="text-right"><?php echo
remove_junk($result['buy_price']);?></td>
                <td class="text-right"><?php echo
remove_junk($result['sale_price']);?></td>
                <td class="text-right"><?php echo
remove_junk($result['total_sales']);?></td>
                <td class="text-right"><?php echo
remove_junk($result['total_saleing_price']);?></td>
             </tr>
          <?php endforeach; ?>
          </tbody>
          <tfoot>
           <tr class="text-right">
             <td colspan="4"></td>
             <td colspan="1"><b>GRAND TOTAL</b></td>
             <td> $
             <?php echo number_format(total_price($results)[0], 2);?>
             </td>
           </tr>
           <tr class="text-right">
             <td colspan="4"></td>
             <td colspan="1"><b>PROFIT</b></td>
```

```php
                <td> $<?php echo number_format(total_price($results)[1], 2);?></td>
            </tr>
        </tfoot>
      </table>
    </div>
  <?php
    else:
        $session->msg("d", "Sorry no sales has been found. ");
        redirect('sales_report.php', false);
     endif;
  ?>
</body>
</html>
<?php if(isset($db)) { $db->db_disconnect(); } ?>
```

sales_report.php

```php
<?php
$page_title = 'Sale Report';
  require_once('includes/load.php');
?>
<?php include_once('layouts/header.php'); ?>
<div class="row">
  <div class="col-md-6">
    <?php echo display_msg($msg); ?>
  </div>
</div>
<div class="row">
  <div class="col-md-6">
    <div class="panel">
      <div class="panel-heading">

      </div>
      <div class="panel-body">
        <form class="clearfix" method="post" action="sale_report_process.php">
          <div class="form-group">
            <label class="form-label">Date Range</label>
              <div class="input-group">
                <input type="text" class="datepicker form-control" name="start-date" placeholder="From">
                <span class="input-group-addon"><i class="glyphicon glyphicon-menu-right"></i></span>
                <input type="text" class="datepicker form-control" name="end-date" placeholder="To">
```

```
                </div>
            </div>
            <div class="form-group">
                <button type="submit" name="submit" class="btn btn-
primary">Generate Report</button>
            </div>
        </form>
    </div>

  </div>
  </div>

</div>
<?php include_once('layouts/footer.php'); ?>
```

sales.php

```
<?php
  $page_title = 'All sale';
  require_once('includes/load.php');
?>
<?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><img src="libs/images/st.png" width="30"> </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">
```

```php
        <thead>
          <tr>
            <th class="text-center" style="width: 50px;">#</th>
            <th> ITEM 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'); ?>
```

config.php

```php
<?php

  // This declares the name of the host along with its username and password, and
also the name of the database to be accessed.
  define( 'DB_HOST', 'localhost' );
  define( 'DB_USER', 'root' );
  define( 'DB_PASS', '' );
  define( 'DB_NAME', 'SWLegion' );

  // This will allow ALL of the scripts to run with the Manila timezone.
  date_default_timezone_set('Asia/Manila');
?>
```

database.php

```php
<?php
require_once(LIB_PATH_INC.DS."config.php");

class MySqli_DB {

    private $con;
    public $query_id;

    function __construct() {
      $this->db_connect();
    }

/* This is just to open the connection to the database */
public function db_connect()
{
  $this->con = mysqli_connect(DB_HOST,DB_USER,DB_PASS);
  if(!$this->con)
        {
          die(" Database connection failed:". mysqli_connect_error());
        } else {
          $select_db = $this->con->select_db(DB_NAME);
            if(!$select_db)
            {
              die("Failed to Select Database". mysqli_connect_error());
            }
        }
}
```

```php
/* This is to close the connection. */
public function db_disconnect()
{
  if(isset($this->con))
  {
    mysqli_close($this->con);
    unset($this->con);
  }
}

/* Query Function for MySQL */
public function query($sql)
  {

    if (trim($sql != "")) {
        $this->query_id = $this->con->query($sql);
    }
    if (!$this->query_id)
          die("Error on this Query :<pre> " . $sql ."</pre>");

     return $this->query_id;

  }


/* Function for Query Helper */
public function fetch_array($statement)
{
  return mysqli_fetch_array($statement);
}
public function fetch_object($statement)
{
  return mysqli_fetch_object($statement);
}
public function fetch_assoc($statement)
{
  return mysqli_fetch_assoc($statement);
}
public function num_rows($statement)
{
  return mysqli_num_rows($statement);
}
public function insert_id()
{
  return mysqli_insert_id($this->con);
```

```php
}
public function affected_rows()
{
  return mysqli_affected_rows($this->con);
}

 public function escape($str){
   return $this->con->real_escape_string($str);
 }

/* While loop for fetching results */
public function while_loop($loop){
 global $db;
   $results = array();
   while ($result = $this->fetch_array($loop)) {
     $results[] = $result;
   }
 return $results;
}


}

$db = new MySqli_DB();

?>
```

functions.php

```php
<?php
 $errors = array();

function real_escape($str){
  global $con;
  $escape = mysqli_real_escape_string($con,$str);
  return $escape;
}

/* This removes the HTML characters */
function remove_junk($str){
  $str = nl2br($str);
  $str = htmlspecialchars(strip_tags($str, ENT_QUOTES));
  return $str;
}
```

```php
/* This enables the first character to be set to upper-case */
function first_character($str){
  $val = str_replace('-'," ",$str);
  $val = ucfirst($val);
  return $val;
}

/* This checks for whitespaces in input fields. Will return a warning if field is
empty */
function validate_fields($var){
  global $errors;
  foreach ($var as $field) {
    $val = remove_junk($_POST[$field]);
    if(isset($val) && $val==''){
      $errors = $field ." can't be blank.";
      return $errors;
    }
  }
}

function display_msg($msg =''){
  $output = array();
  if(!empty($msg)) {
    foreach ($msg as $key => $value) {
      $output  = "<div class=\"alert alert-{$key}\">";
      $output .= "<a href=\"#\" class=\"close\" data-
dismiss=\"alert\">&times;</a>";
      $output .= remove_junk(first_character($value));
      $output .= "</div>";
    }
    return $output;
  } else {
    return "" ;
  }
}

/* For redirecting to other pages */
function redirect($url, $permanent = false)
{
    if (headers_sent() === false)
    {
      header('Location: ' . $url, true, ($permanent === true) ? 301 : 302);
    }

    exit();
```

```php
}

/* To calculate the total price */
function total_price($totals){
    $sum = 0;
    $sub = 0;
    foreach($totals as $total ){
      $sum += $total['total_saleing_price'];
      $sub += $total['total_buying_price'];
      $profit = $sum - $sub;
    }
    return array($sum,$profit);
}

/* Reads the date */
function read_date($str){
    if($str)
      return date('F j, Y, g:i:s a', strtotime($str));
    else
      return null;
  }

/* Function for  Readable Make date time */
function make_date(){
  return strftime("%Y-%m-%d %H:%M:%S", time());
}

/* Function for  Readable date time */
function count_id(){
  static $count = 1;
  return $count++;
}

/* Function for Creting random string */
function randString($length = 5)
{
  $str='';
  $cha = "0123456789abcdefghijklmnopqrstuvwxyz";

  for($x=0; $x<$length; $x++)
   $str .= $cha[mt_rand(0,strlen($cha))];
  return $str;
}
```

```php
?>
```

load.php

```php
<?php
define("URL_SEPARATOR", '/');

define("DS", DIRECTORY_SEPARATOR);

defined('SITE_ROOT')? null: define('SITE_ROOT', realpath(dirname(__FILE__)));
define("LIB_PATH_INC", SITE_ROOT.DS);


require_once(LIB_PATH_INC.'config.php');
require_once(LIB_PATH_INC.'functions.php');
require_once(LIB_PATH_INC.'session.php');
require_once(LIB_PATH_INC.'upload.php');
require_once(LIB_PATH_INC.'database.php');
require_once(LIB_PATH_INC.'sql.php');

?>
```

session.php

```php
<?php
 session_start();

class Session {

 public $msg;
 private $user_is_logged_in = false;

 function __construct(){
   $this->flash_msg();
   $this->userLoginSetup();
 }

  public function isUserLoggedIn(){
    return $this->user_is_logged_in;
  }
  public function login($user_id){
    $_SESSION['user_id'] = $user_id;
```

```php
    }
    private function userLoginSetup()
    {
        if(isset($_SESSION['user_id']))
        {
            $this->user_is_logged_in = true;
        } else {
            $this->user_is_logged_in = false;
        }


    }
    public function logout(){
        unset($_SESSION['user_id']);
    }

    public function msg($type ='', $msg =''){
        if(!empty($msg)){
            if(strlen(trim($type)) == 1){
                $type = str_replace( array('d', 'i', 'w','s'), array('danger', 'info',
'warning','success'), $type );
            }
            $_SESSION['msg'][$type] = $msg;
        } else {
            return $this->msg;
        }
    }

    private function flash_msg(){

        if(isset($_SESSION['msg'])) {
            $this->msg = $_SESSION['msg'];
            unset($_SESSION['msg']);
        } else {
            $this->msg;
        }
    }
}

$session = new Session();
$msg = $session->msg();

?>
```

sql.php

```php
<?php
  require_once('includes/load.php');

/* This gets ALL the tables and info */
function find_all($table) {
   global $db;
   if(tableExists($table))
   {
     return find_by_sql("SELECT * FROM ".$db->escape($table));
   }
}

/* This is to perform SQL Queries */
function find_by_sql($sql)
{
  global $db;
  $result = $db->query($sql);
  $result_set = $db->while_loop($result);
 return $result_set;
}

/*  To find data through ID search */
function find_by_id($table,$id)
{
  global $db;
  $id = (int)$id;
   if(tableExists($table)){
        $sql = $db->query("SELECT * FROM {$db->escape($table)} WHERE id='{$db-
>escape($id)}' LIMIT 1");
        if($result = $db->fetch_assoc($sql))
          return $result;
        else
          return null;
    }
}

/* Delete from table through ID search */
function delete_by_id($table,$id)
{
  global $db;
  if(tableExists($table))
   {
    $sql = "DELETE FROM ".$db->escape($table);
    $sql .= " WHERE id=". $db->escape($id);
```

```php
        $sql .= " LIMIT 1";
        $db->query($sql);
        return ($db->affected_rows() === 1) ? true : false;
    }
}

/* Get Count through ID search */

function count_by_id($table){
  global $db;
  if(tableExists($table))
  {
    $sql    = "SELECT COUNT(id) AS total FROM ".$db->escape($table);
    $result = $db->query($sql);
     return($db->fetch_assoc($result));
  }
}

/* Checks if tables exist */
function tableExists($table){
  global $db;
  $table_exit = $db->query('SHOW TABLES FROM '.DB_NAME.' LIKE "'.$db->escape($table).'"');
      if($table_exit) {
        if($db->num_rows($table_exit) > 0)
            return true;
         else
            return false;
      }
  }

  function authenticate($username='', $password='') {
    global $db;
    $username = $db->escape($username);
    $password = $db->escape($password);
    $sql  = sprintf("SELECT id,username,password,user_level FROM users WHERE username ='%s' LIMIT 1", $username);
    $result = $db->query($sql);
    if($db->num_rows($result)){
      $user = $db->fetch_assoc($result);
      $password_request = sha1($password);
      if($password_request === $user['password'] ){
        return $user['id'];
      }
    }
```

```php
    return false;
  }

  function authenticate_v2($username='', $password='') {
    global $db;
    $username = $db->escape($username);
    $password = $db->escape($password);
    $sql  = sprintf("SELECT id,username,password,user_level FROM users WHERE
username ='%s' LIMIT 1", $username);
    $result = $db->query($sql);
    if($db->num_rows($result)){
      $user = $db->fetch_assoc($result);
      $password_request = sha1($password);
      if($password_request === $user['password'] ){
        return $user;
      }
    }
    return false;
  }

  /* Checks current login users */
  function current_user(){
      static $current_user;
      global $db;
      if(!$current_user){
        if(isset($_SESSION['user_id'])):
            $user_id = intval($_SESSION['user_id']);
            $current_user = find_by_id('users',$user_id);
      endif;
    }
    return $current_user;
  }


  /* Updates login log */
 function updateLastLogIn($user_id)
 {
    global $db;
    $date = make_date();
    $sql = "UPDATE users SET last_login='{$date}' WHERE id ='{$user_id}' LIMIT
1";
    $result = $db->query($sql);
    return ($result && $db->affected_rows() === 1 ? true : false);
  }
```

```php
    /* This joins the products and displays them all */
    function join_product_table(){
        global $db;
        $sql  =" SELECT
p.id,p.name,p.quantity,p.buy_price,p.sale_price,p.media_id,p.date,c.name";
        $sql  .=" AS categorie,m.file_name AS image";
        $sql  .=" FROM products p";
        $sql  .=" LEFT JOIN categories c ON c.id = p.categorie_id";
        $sql  .=" LEFT JOIN media m ON m.id = p.media_id";
        $sql  .=" ORDER BY p.id ASC";
        return find_by_sql($sql);

    }

    /* This displays product per title */
    function find_product_by_title($product_name){
        global $db;
        $p_name = remove_junk($db->escape($product_name));
        $sql = "SELECT name FROM products WHERE name like '%$p_name%' LIMIT 5";
        $result = find_by_sql($sql);
        return $result;
    }

    /* This, instead, displays product info per title */
    function find_all_product_info_by_title($title){
        global $db;
        $sql  = "SELECT * FROM products ";
        $sql .= " WHERE name ='{$title}'";
        $sql .=" LIMIT 1";
        return find_by_sql($sql);
    }

    /* Function for Update product quantity */
    function update_product_qty($qty,$p_id){
        global $db;
        $qty = (int) $qty;
        $id  = (int)$p_id;
        $sql = "UPDATE products SET quantity=quantity -'{$qty}' WHERE id = '{$id}'";
        $result = $db->query($sql);
        return($db->affected_rows() === 1 ? true : false);

    }

    /* This is to display recently added products */
    function find_recent_product_added($limit){
```

```php
    global $db;
    $sql    = " SELECT p.id,p.name,p.sale_price,p.media_id,c.name AS categorie,";
    $sql    .= "m.file_name AS image FROM products p";
    $sql    .= " LEFT JOIN categories c ON c.id = p.categorie_id";
    $sql    .= " LEFT JOIN media m ON m.id = p.media_id";
    $sql    .= " ORDER BY p.id DESC LIMIT ".$db->escape((int)$limit);
    return find_by_sql($sql);
 }

 /* To get the highest selling product */
 function find_higest_saleing_product($limit){
    global $db;
    $sql    = "SELECT p.name, COUNT(s.product_id) AS totalSold, SUM(s.qty) AS
totalQty";
    $sql .= " FROM sales s";
    $sql .= " LEFT JOIN products p ON p.id = s.product_id ";
    $sql .= " GROUP BY s.product_id";
    $sql .= " ORDER BY SUM(s.qty) DESC LIMIT ".$db->escape((int)$limit);
    return $db->query($sql);
 }

 /* This returns all the sales so far */
 function find_all_sale(){
    global $db;
    $sql    = "SELECT s.id,s.qty,s.price,s.date,p.name";
    $sql .= " FROM sales s";
    $sql .= " LEFT JOIN products p ON s.product_id = p.id";
    $sql .= " ORDER BY s.date DESC";
    return find_by_sql($sql);
 }

 /* Function for Display Recent sale */
 function find_recent_sale_added($limit){
  global $db;
  $sql    = "SELECT s.id,s.qty,s.price,s.date,p.name";
  $sql .= " FROM sales s";
  $sql .= " LEFT JOIN products p ON s.product_id = p.id";
  $sql .= " ORDER BY s.date DESC LIMIT ".$db->escape((int)$limit);
  return find_by_sql($sql);
}

/* This is for the start-date to end-date displaying of sales */
function find_sale_by_dates($start_date,$end_date){
   global $db;
   $start_date  = date("Y-m-d", strtotime($start_date));
```

```php
  $end_date    = date("Y-m-d", strtotime($end_date));
  $sql  = "SELECT s.date, p.name,p.sale_price,p.buy_price,";
  $sql .= "COUNT(s.product_id) AS total_records,";
  $sql .= "SUM(s.qty) AS total_sales,";
  $sql .= "SUM(p.sale_price * s.qty) AS total_saleing_price,";
  $sql .= "SUM(p.buy_price * s.qty) AS total_buying_price ";
  $sql .= "FROM sales s ";
  $sql .= "LEFT JOIN products p ON s.product_id = p.id";
  $sql .= " WHERE s.date BETWEEN '{$start_date}' AND '{$end_date}'";
  $sql .= " GROUP BY DATE(s.date),p.name";
  $sql .= " ORDER BY DATE(s.date) DESC";
  return $db->query($sql);
}

/* Gets the sales for the current day */
function  dailySales($year,$month){
  global $db;
  $sql  = "SELECT s.qty,";
  $sql .= " DATE_FORMAT(s.date, '%Y-%m-%e') AS date,p.name,";
  $sql .= "SUM(p.sale_price * s.qty) AS total_saleing_price";
  $sql .= " FROM sales s";
  $sql .= " LEFT JOIN products p ON s.product_id = p.id";
  $sql .= " WHERE DATE_FORMAT(s.date, '%Y-%m' ) = '{$year}-{$month}'";
  $sql .= " GROUP BY DATE_FORMAT( s.date,  '%e' ),s.product_id";
  return find_by_sql($sql);
}

/* Gets the sales for the month */
function  monthlySales($year){
  global $db;
  $sql  = "SELECT s.qty,";
  $sql .= " DATE_FORMAT(s.date, '%Y-%m-%e') AS date,p.name,";
  $sql .= "SUM(p.sale_price * s.qty) AS total_saleing_price";
  $sql .= " FROM sales s";
  $sql .= " LEFT JOIN products p ON s.product_id = p.id";
  $sql .= " WHERE DATE_FORMAT(s.date, '%Y' ) = '{$year}'";
  $sql .= " GROUP BY DATE_FORMAT( s.date,  '%c' ),s.product_id";
  $sql .= " ORDER BY date_format(s.date, '%c' ) ASC";
  return find_by_sql($sql);
}

?>
```

upload.php

```php
<?php

class Media {

  public $imageInfo;
  public $fileName;
  public $fileType;
  public $fileTempPath;
  public $userPath = SITE_ROOT.DS.'..'.DS.'uploads/users';
  public $productPath = SITE_ROOT.DS.'..'.DS.'uploads/products';

  public $errors = array();
  public $upload_errors = array(
    0 => 'There is no error, the file uploaded with success',
    1 => 'The uploaded file exceeds the upload_max_filesize directive in
php.ini',
    2 => 'The uploaded file exceeds the MAX_FILE_SIZE directive that was
specified in the HTML form',
    3 => 'The uploaded file was only partially uploaded',
    4 => 'No file was uploaded',
    6 => 'Missing a temporary folder',
    7 => 'Failed to write file to disk.',
    8 => 'A PHP extension stopped the file upload.'
  );

  public$upload_extensions = array(
   'gif',
   'jpg',
   'jpeg',
   'png',
  );

  public function file_ext($filename)
  {
    $ext = strtolower(substr( $filename, strrpos( $filename, '.' ) + 1 ) );
    if(in_array($ext, $this->upload_extensions)){
      return true;
    }
  }

  public function upload($file)
  {
    if(!$file || empty($file) || !is_array($file)):
      $this->errors[] = "No file was uploaded.";
```

```php
        return false;
    elseif($file['error'] != 0):
        $this->errors[] = $this->upload_errors[$file['error']];
        return false;
    elseif(!$this->file_ext($file['name'])):
        $this->errors[] = 'File not right format ';
        return false;
    else:
        $this->imageInfo = getimagesize($file['tmp_name']);
        $this->fileName  = basename($file['name']);
        $this->fileType  = $this->imageInfo['mime'];
        $this->fileTempPath = $file['tmp_name'];
       return true;
    endif;

  }

public function process()
{

    if(!empty($this->errors)):
        return false;
    elseif(empty($this->fileName) || empty($this->fileTempPath)):
        $this->errors[] = "The file location was not available.";
        return false;
    elseif(!is_writable($this->productPath)):
        $this->errors[] = $this->productPath." Must be writable!!!.";
        return false;
    elseif(file_exists($this->productPath."/".$this->fileName)):
        $this->errors[] = "The file {$this->fileName} already exists.";
        return false;
    else:
       return true;
    endif;
 }
}

?>
```

admin_menu.php

```html
<ul>
  <li>
    <a href="admin.php">
```

```html
      <i class="glyphicon glyphicon-home"></i>
      <span>Dashboard</span>
   </a>
</li>
<li>
   <a href="categorie.php" >
      <i class="glyphicon glyphicon-indent-left"></i>
      <span>Categories</span>
   </a>
</li>
<li>
   <a href="#" class="submenu-toggle">
      <i class="glyphicon glyphicon-th-large"></i>
      <span>Products</span>
   </a>
   <ul class="nav submenu">
      <li><a href="product.php">Manage Products</a> </li>
      <li><a href="add_product.php">Add Products</a> </li>
  </ul>
</li>
<li>
   <a href="#" class="submenu-toggle">
      <i class="glyphicon glyphicon-credit-card"></i>
      <span>Sales</span>
   </a>
   <ul class="nav submenu">
      <li><a href="sales.php">Manage Sales</a> </li>
      <li><a href="add_sale.php">Add Sale</a> </li>
   </ul>
</li>
<li>
   <a href="#" class="submenu-toggle">
      <i class="glyphicon glyphicon-duplicate"></i>
      <span>Sales Report</span>
   </a>
   <ul class="nav submenu">
      <li><a href="sales_report.php">Sales by dates </a></li>
      <li><a href="monthly_sales.php">Monthly sales</a></li>
      <li><a href="daily_sales.php">Daily sales</a> </li>
   </ul>
</li>
</ul>
```

footer.php

```php
      </div>
    </div>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/js/bootstrap.min.js"></scrip
t>
  <script src="//cdnjs.cloudflare.com/ajax/libs/bootstrap-
datepicker/1.3.0/js/bootstrap-datepicker.min.js"></script>
  <script type="text/javascript" src="libs/js/functions.js"></script>
  </body>
</html>

<?php if(isset($db)) { $db->db_disconnect(); } ?>

<!-- This goes to almost all of the main PHP files that aren't just used for
'includes' and are generally the main pages. -->
```

header_login.php

```php
<!-- This is ONLY for the login page. -->

<!-- This is to let the page know the currently logged in user -->
<?php $user = current_user(); ?>

<!DOCTYPE html>
  <html lang="en">
    <head>
    <meta charset="UTF-8">
    <title>
      <?php if (!empty($page_title))
          echo remove_junk($page_title);
          elseif (!empty($user))
          echo ucfirst($user['name']);
          else echo "501st - Inventory System";
      ?>
    </title>

    <!-- This is for the local CSS. Instead of the main CSS file, this connects
to the other CSS file strictly used only by the login page. -->
    <link rel="stylesheet" href="libs/css/login.css" />
```

```php
    <!-- This is for the 3rd Party CSS files using AJAX and Bootstrap -->
    <link rel="stylesheet" href="//cdnjs.cloudflare.com/ajax/libs/bootstrap-
datepicker/1.3.0/css/datepicker3.min.css" />
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css"/>
  </head>
  <body>
  <?php if ($session->isUserLoggedIn(true)): ?>
    <header id="header">
      <div class="logo pull-left"> 501st - PH Inventory</div>
      <div class="header-content">

      <!-- This is to get the date that shows up on the header. -->
      <div class="header-date pull-left">
        <strong><?php echo date("F j, Y, g:i a");?></strong>
      </div>
      <div class="pull-right clearfix">
        <ul class="info-menu list-inline list-unstyled">
          <li class="profile">
            <a href="#" data-toggle="dropdown" class="toggle" aria-
expanded="false">
              <img src="uploads/users/<?php echo $user['image'];?>" alt="user-
image" class="img-circle img-inline">
              <span><?php echo remove_junk(ucfirst($user['name'])); ?> <i
class="caret"></i></span>
            </a>
            <ul class="dropdown-menu">
             <li class="last">
                <a href="logout.php">
                   <i class="glyphicon glyphicon-off"></i>
                   Logout
                </a>
             </li>
            </ul>
          </li>
        </ul>
      </div>
     </div>
    </header>

    <div class="sidebar">
      <?php if($user['user_level'] === '1'): ?>

        <!-- This is the main window you get put into after logging in -->
        <?php include_once('admin_menu.php');?>
```

```php
    <?php endif;?>
  </div>
<?php endif;?>
```

header.php

```php
<!-- This entire header goes to almost all of the main PHP files that aren't just
used for 'includes' and are generally the main pages. -->

<!-- This is to let the page know the currently logged in user -->
<?php $user = current_user(); ?>

<!DOCTYPE html>
  <html lang="en">
    <head>
    <meta charset="UTF-8">
    <title>
      <?php if (!empty($page_title))
            echo remove_junk($page_title);
             elseif(!empty($user))
            echo ucfirst($user['name']);
             else echo "501st - Inventory System";
      ?>
    </title>

    <!-- This is for the local CSS. Here, it connects to the main CSS file and
not the initial CSS that was used for the login. -->
    <link rel="stylesheet" href="libs/css/main.css" />

    <!-- This is for the 3rd Party CSS files using AJAX and Bootstrap -->
    <link rel="stylesheet" href="//cdnjs.cloudflare.com/ajax/libs/bootstrap-
datepicker/1.3.0/css/datepicker3.min.css" />
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css"/>
  </head>

  <body style="background-color:#152238">
  <?php  if ($session->isUserLoggedIn(true)): ?>
    <header id="header">

    <!-- This is the top-left portion of the page, the left portion of the
header that shows the logo and name of the organization. -->
```

```php
      <div class="logo pull-left">501-st <img src="libs/images/Logo.png"
width="40px"> Legion</div>
      <div class="header-content">

      <!-- This is to get the date and text that displays on the header. -->
      <div class="header-date pull-left">
        <strong>
          <img src="libs/images/Flag.png" width="25px">
          <?php echo str_repeat(' ', 2);?>
          <?php echo "PH Garrisson ";?>
          <?php echo str_repeat(' ', 7);?>
          <?php echo "|";?>
          <?php echo str_repeat(' ', 7);?>
          <?php echo "Online Inventory System ";?>
          <?php echo str_repeat(' ', 7);?>
          <?php echo "|";?>
          <?php echo str_repeat(' ', 7);?>
          <?php echo "Date & Time: ";?>
          <?php echo date("F j, Y, g:i a");?>
        </strong>
      </div>
      <div class="pull-right clearfix">

      <!-- This has the the rest of the header, including the user's Name
display. -->
          <ul class="info-menu list-inline list-unstyled">
            <li class="profile">
              <a href="#" data-toggle="dropdown" class="toggle" aria-
expanded="false">
                <img src="uploads/users/<?php echo $user['image'];?>" alt="user-
image" class="img-circle img-inline">
                <span>
                  <?php echo str_repeat(' ', 1);?>
                  <?php echo remove_junk(ucfirst($user['name'])); ?> <i
class="caret"></i>
                  <?php echo str_repeat(' ', 1);?>
                </span>
              </a>
              <ul class="dropdown-menu">
              <li class="last">
                  <a href="home.php">
                    <i class="glyphicon glyphicon-home"></i>
                    Home
                  </a>
              </li>
```

```html
            <li class="last">
                <a href="logout.php">
                    <i class="glyphicon glyphicon-off"></i>
                    Logout
                </a>
            </li>
        </ul>
    </li>
</ul>
</div>
</div>
</header>

<div class="sidebar">
    <?php if($user['user_level'] === '1'): ?>

    <!-- This is the main window you get put into after logging in -->
    <?php include_once('admin_menu.php');?>
    <?php endif;?>

</div>
<?php endif;?>

<div class="page">
    <div class="container-fluid">
```

login.css

```css
body{
    font-family: 'Helvetica Neue', Helvetica, Arial, sans-serif;
    font-weight: 400;
    overflow-x: hidden;
    overflow-y: auto;
    background-image: url(../images/Background.jpg);
background-repeat: no-repeat;
background-size: cover;
    height: 100%;
    width: 100%;
}

a{
    color: #777;
    text-decoration: none;
}
```

```css
.button {
  width: 160px;
  height: 30px;
  top: 90px;
  border-style: none;
  font-family: 'Helvetica Neue', Helvetica, Arial, sans-serif;
  font-size: 16px;
  background-color: #3b3363;
  color: #ffffff;
  opacity: 0.8;
  transition: all 0.4s ease;
}

.button:hover {
  cursor: pointer;
  background-color: #69447e;
  border-style: solid;
  border-color: white;
  color: #ffffff;
  width: 185px;
  opacity: 1;
  transition: all 0.4s ease;
}

.logo {
  position: relative;
  top: 50px;
  width: 20%;
  opacity: 0.7;
  transition: all 0.5s ease;
}

.logo:hover {
  opacity: 1;
  transition: all 0.5s ease;
}

.padding-top{
  padding-top: 20px;
}

.login-page{
  position: relative;
  top: 90px;
```

```css
  width: 350px;
  /* margin: 5% 47% 6% auto; */
  padding: 0 20px;
  border: 1px solid #f2f2f2;
  border-radius: 20px;
  opacity: 0.8;
  transition: all 0.5s ease;
}

.login-page .text-center{
  margin-bottom: 10px;
}

.login-page:hover{
  opacity: 1;
  transition: all 0.5s ease;
  border-radius: 10px;
}

.lbl{
  font-family: 'Helvetica Neue', Helvetica, Arial, sans-serif;
  font-size: 16px;
  color: #eaeded;
}

.box{
  padding: 20px;
  background-color: #f9f9f9;
  border: 1px solid #f2f2f2;
}

.page{
  position: relative;
  display: block;
  top: 50px;
  left: 0;
  padding: 35px 15px 20px 270px;
}

.page-lgn{
  position: relative;
  display: block;
  top: 50px;
  left: 0;
  padding: 35px 15px 20px 270px;
```

```css
}

.bg-green{
  background-color: #A3C86D;
}

.bg-blue{
  background-color: #7ACBEE;
}

.bg-yellow{
  background-color: #FDD761;
}

.bg-red{
  background-color: #FF7857;
}

.bg-secondary1{
    background-color: #b17897;
}

.bg-blue2{
    background-color: #7a83ee;
}

.panel-default >.panel-heading{
  background-color: #f5f5f5;
  border-bottom: 2px solid #3498DB;
  font-size: 15px;
  text-transform: uppercase;
  letter-spacing: .5px;
  padding: 15px;
}

.panel-box{
  width: 100%;
  height: 100%;
  text-align: center;
  border: none;
}

.panel-value{
  width: 60%;
}
```

```css
.panel-icon{
  padding: 30px;
  width: 40%;
  border-radius: 0;
}

.panel-icon{
  -webkit-border-radius: 3px 0 0 3px;
  -moz-border-radius: 3px 0 0 3px;
  border-radius: 3px 0 0 3px;
}

.panel-value{
  -webkit-border-radius: 0 3px 3px 0;
  -moz-border-radius: 0 3px 3px 0;
  border-radius: 0 3px 3px 0;
}

.panel-value h2{
  margin-top: 30px;
}

.panel-icon i{
  line-height:65px;
  font-size: 40px;
  color: #fff;
}

#header {
  position: fixed;
  z-index: 99;
  top: 0;
  left: 0;
  background-color: #fff;
  width: 100%;
  height: 65px;
  line-height: 65px;
  -moz-box-shadow: 0 1px 2px rgba(0,0,0,0.1);
  -webkit-box-shadow: 0 1px 2px rgba(0,0,0,0.1);
   box-shadow: 0 1px 2px rgba(0,0,0,0.1);
}

header > .logo {
    color: #fff;
```

```css
    text-align: center;
    font-weight: 700;
    text-transform: uppercase;
    letter-spacing: 1px;
    display: inline-block;
    width: 250px;
    background-color: #db3434;
}

.header-date{
  color: #9b9b9b;
  margin-left: 20px;
}

.info-menu{
  height: 60px;
  margin: 0;
  line-height: 60px;
  padding: 0 15px;
}

.info-menu li.profile {
  position: relative;
}

.profile a.toggle{
  text-decoration: none;
  text-align: center;
  font-size: 14px;
  color: rgba(150, 150, 158, 1.0);
  position: relative;
  padding: 10px 10px 10px 0;
  margin: 0;
  background: #f9f9f9;
  border-radius: 30px;
}

.info-menu li.profile a img{
  width: 30px;
  height: 30px;
}

.dropdown-menu{
  margin-top: 4px;
  border-color: #fefefe;
```

```css
    border-radius: 0;
     box-shadow: 0px 0px 5px rgba(86, 96, 117, 0.15);
    -moz-box-shadow: 0px 0px 5px rgba(86, 96, 117, 0.15);
    -webkit-box-shadow: 0px 0px 5px rgba(86, 96, 117, 0.15);
    }

    .dropdown-menu li{
      margin: 0;
      padding: 0;
      display: block;
      line-height: 35px;
  }

  .dropdown-menu li a{
    text-decoration: none;
    display: block;
    font-size: 14px;
    position: relative;
    line-height: 30px;
    width: 100%;
    border-bottom: 1px solid #f4faf9;
  }

  .dropdown-menu li a i{
    margin-right: 5px;
  }

  .dropdown-menu li.last a{
    border-bottom: 0;
  }

  .datepicker{
    text-align: center;
  }

  .sidebar {
    position: fixed;
    z-index: 10;
    left: 0;
    top: 0;
    padding: 65px 0 0;
    height: 100%;
    width: 250px;
    background: #272727;
    border-right: 1px solid #ddd;
```

```css
    text-align: center;
}

.sidebar ul li:hover,.submenu ul li:hover{
  -webkit-transition: all .2s ease-in-out;
  transition: all .2s ease-in-out;
}

.sidebar ul{
  list-style: none;
  margin: 0;
  padding: 0;
}

.sidebar ul li {
  display: block;
}

.sidebar ul li:hover,ul.submenu{
  background-color:#35404d;
}

.sidebar ul li a:hover {
  color: white;
}

.sidebar ul li a,ul.submenu li a {
  color: #aeb2b7;
  display: block;
  overflow: hidden;
  position: relative;
  white-space: nowrap;
  text-decoration: none;
  text-align: left;
}

.sidebar ul li a span,.sidebar ul li i{
  font-size: 14px;
  font-weight: 300;
  letter-spacing: 1.5px;
  text-shadow: 0 1px rgba(0,0,0, 1);
}

.sidebar ul li a i{
  color: #aeb2b7;
```

```css
  padding: 15px 22px;
  text-align: center;
}

ul.submenu{
  display: none;
  position: relative;
}

ul.submenu li a:hover{
  background-color:#35404d;
}

ul.submenu li a {
  padding-left: 45px;
}

ul.submenu li:before{
  content: "";
  display: block;
  position: absolute;
  z-index: 1;
  left: 25px;
  top: 0;
  bottom: 0;
  border: 1px dotted #d7d7d7;
  border-width: 0 0 0 1px;
}

ul.submenu li a:before{
  content: "";
  display: inline-block;
  position: absolute;
  width: 7px;
  left: 25px;
  top: 18px;
  border-top: 1px dotted #d7d7d7;
}

.sale_report_header{
  padding: 15px 0;
}
table td h6{
  margin: 0 0 0.2em 0;
}
```

```css
table tfoot tr td:first-child{
  border: 0;
}table tfoot tr td:last-child{
  border-top: 1px solid #ccc;
}table td h6,table tfoot tr td:last-child{
  color: #000;
  _font-size: 1.2em;
  font-weight: normal;
}
.form-control{
  color: #646464;
  border: 1px solid #e6e6e6;
  border-radius: 3px;
  -webkit-box-shadow: none;
  -moz-box-shadow: none;
  box-shadow: none;
  -moz-transition: all .15s ease-out;
  -webkit-transition: all .15s ease-out;
  transition: all .15s ease-out;
}.form-control:focus{
  background: #f8f8f8;
  border-color: #3498DB;
  outline: 0;
  -webkit-box-shadow: none;
  -moz-box-shadow: none;
  box-shadow: none;
}
.btn{
  border-radius: 3px;
  -webkit-transition: all 300ms ease-in-out;
  -moz-transition: all 300ms ease-in-out;
   transition: all 300ms ease-in-out;
}.btn-primary {
    color: #fff;
    background-color: #51aded;
    border-color: #3d8fd8
}.btn-primary:hover, .btn-primary:focus, .btn-primary.focus, .btn-
primary:active, .btn-primary.active{
    color: #fff;
    background-color: #3175b8;
    border-color: #3d8fd8
}.btn-success{
    background-color:#2ecc71
}.btn-success:hover, .btn-success:focus, .btn-success.focus, .btn-
success:active, .btn-success.active{
```

```css
    background-color:#27ae60
  }.btn-warning{
    background-color: #e7c13e;
    border-color: #dfba3c;
  }.btn-warning:hover, .btn-warning:focus, .btn-warning.focus, .btn-
warning:active, .btn-warning.active{
    background-color:#d0ac2c;
    border-color: #dfba3c;
  }.btn-danger{
    background-color: #ed5153
  }.btn-danger:hover, .btn-danger:focus, .btn-danger.focus, .btn-
danger:active, .btn-danger.active{
    background-color:#bb282a
  }.input-group-addon{
    background-color: #fcfcfc;
    border: 1px solid #dbdbdb;
    border-radius: 0;
  }
  input[type=file]{
    text-indent: -99999px;
  }td img.img-thumbnail{
    width: 125px;
    height: 125px;
    vertical-align: top;
  }.img-avatar{
    width: 50px;
    height: 50px;
  }
  .jumbotron{
    margin-bottom: 0;
  }.list-group-item:first-child,.list-group-item:last-child{
    border-radius: 0;
  }.profile .jumbotron{
    border-radius: 3px 3px 0 0;
  }.profile .jumbotron h3{
    color: white;
  }img.img-size-2{
    width: 125px;
    height: 125px;
  }
```

main.css

```css
body{
  font-family: 'Helvetica Neue', Helvetica, Arial, sans-serif;
  font-weight: 400;
  overflow-x: hidden;
  overflow-y: auto;
  background: #f1f2f7;
  height: 100%;
  width: 100%;
}

.banner
{
  box-shadow: 8px 8px 15px rgba(0, 0, 0, 0.35);
  width: 100%;
  border-radius: 30px;
  opacity: 0.85;
  transition: all 0.4s ease;
}

.banner:hover
{
  width: 100%;
  border-radius: 20px;
  opacity: 1;
  transition: all 0.4s ease;
}

.divider
{
  height: 20px;
}

.introline
{
  width: 70%;
}

.txth
{
  font-family:'Helvetica Neue', Helvetica, Arial, sans-serif;
  transition: all 0.4s ease;
  color: white;
}
```

```css
.txth:hover
{
  font-size: 31px;
  transition: all 0.4s ease;
}

.txthm
{
  font-family:'Helvetica Neue', Helvetica, Arial, sans-serif;
  opacity: 0.85;
  transition: all 0.4s ease;
  color: white;
}

.txthm:hover
{
  font-size: 22px;
  width: 100%;
  border-radius: 20px;
  opacity: 1;
  transition: all 0.4s ease;
}

a{
  color: #777;
  text-decoration: none;
}

.padding-top{
  padding-top: 20px;
}

.login-page{
  width: 350px;
  margin: 5% 40% 6% auto;
  padding: 0 20px;
  background-color: #f9f9f9;
  border: 1px solid #f2f2f2;
}

.login-page .text-center{
  margin-bottom: 10px;
}

.box{
```

```css
  padding: 20px;
  background-color: #f9f9f9;
  border: 1px solid #f2f2f2;
}

.page{
  position: relative;
  display: block;
  top: 50px;
  left: 0;
  padding: 35px 15px 20px 270px;
}

.page-lgn{
  position: relative;
  display: block;
  top: 50px;
  left: 0;
  padding: 35px 15px 20px 270px;
}

.bg-green{
  background-color: #A3C86D;
}
.bg-blue{
  background-color: #7ACBEE;
}
.bg-yellow{
  background-color: #FDD761;
}
.bg-red{
  background-color: #FF7857;
}

.bg-secondary1{
  background-color: #b17897;
}

.bg-blue2{
  background-color: #7a83ee;
}
.panel-default >.panel-heading{
  background-color: #f5f5f5;
  border-bottom: 2px solid #3498DB;
  font-size: 15px;
```

```css
    text-transform: uppercase;
    letter-spacing: .5px;
    padding: 15px;
}.panel-box{
    width: 100%;
    height: 100%;
    text-align: center;
    border: none;
}.panel-value{
    width: 60%;
}.panel-icon{
    padding: 30px;
    width: 40%;
    border-radius: 0;
}.panel-icon{
    -webkit-border-radius: 3px 0 0 3px;
    -moz-border-radius: 3px 0 0 3px;
    border-radius: 3px 0 0 3px;
}.panel-value{
    -webkit-border-radius: 0 3px 3px 0;
    -moz-border-radius: 0 3px 3px 0;
    border-radius: 0 3px 3px 0;
}.panel-value h2{
    margin-top: 30px;
}
.panel-icon i{
    line-height:65px;
    font-size: 40px;
    color: #fff;
}
#header {
    position: fixed;
    z-index: 99;
    top: 0;
    left: 0;
    background-color: #3c2c49;
    width: 100%;
    height: 65px;
    line-height: 65px;
    -moz-box-shadow: 0 1px 2px rgba(0,0,0,0.1);
    -webkit-box-shadow: 0 1px 2px rgba(0,0,0,0.1);
     box-shadow: 0 1px 2px rgba(0,0,0,0.1);
} header > .logo {
    color: rgb(255, 255, 255);
    text-align: center;
```

```css
    font-weight: 700;
    text-transform: uppercase;
    letter-spacing: 1px;
    display: inline-block;
    width: 250px;
    background-color: #4f3c5e;
}

.header-date{
    font-family: Arial, Helvetica, sans-serif;
    color: #ffffff;
    margin-left: 20px;
}

.info-menu{
    height: 60px;
    margin: 0;
    line-height: 60px;
    padding: 0 15px;
}

.info-menu li.profile {
    position: relative;
}

.profile a.toggle{
    text-decoration: none;
    text-align: center;
    font-size: 14px;
    color: rgb(255, 255, 255);
    position: relative;
    padding: 11px 18px 11px 18px;
    margin: 0;
    background: #4f3c5e;
    border-radius: 30px;
}

.info-menu li.profile a img{
    width: 30px;
    height: 30px;
}

.dropdown-menu{
    margin-top: 4px;
    border-color: #fefefe;
```

```css
  border-radius: 0;
   box-shadow: 0px 0px 5px rgba(86, 96, 117, 0.15);
  -moz-box-shadow: 0px 0px 5px rgba(86, 96, 117, 0.15);
  -webkit-box-shadow: 0px 0px 5px rgba(86, 96, 117, 0.15);
  }.dropdown-menu li{
    margin: 0;
    padding: 0;
    display: block;
    line-height: 35px;
 }.dropdown-menu li a{
  text-decoration: none;
  display: block;
  font-size: 14px;
  position: relative;
  line-height: 30px;
  width: 100%;
  border-bottom: 1px solid #f4faf9;
}.dropdown-menu li a i{
  margin-right: 5px;
}.dropdown-menu li.last a{
  border-bottom: 0;
}.datepicker{
  text-align: center;
}
.sidebar {
  position: fixed;
  z-index: 10;
  left: 0;
  top: 0;
  padding: 65px 0 0;
  height: 100%;
  width: 250px;
  background: #3c2c49;
  /* border-right: 1px solid #ddd; */
  text-align: center;
}.sidebar ul li:hover,.submenu ul li:hover{
  -webkit-transition: all .2s ease-in-out;
  transition: all .2s ease-in-out;
}.sidebar ul{
  list-style: none;
  margin: 0;
  padding: 0;
}.sidebar ul li {
  display: block;
}.sidebar ul li:hover,ul.submenu{
```

```css
  background-color:#483558;
}.sidebar ul li a:hover {
  color: white;
}.sidebar ul li a,ul.submenu li a {
  color: #aeb2b7;
  display: block;
  overflow: hidden;
  position: relative;
  white-space: nowrap;
  text-decoration: none;
  text-align: left;
}.sidebar ul li a span,.sidebar ul li i{
  font-size: 14px;
  font-weight: 300;
  letter-spacing: 1.5px;
  text-shadow: 0 1px rgba(0,0,0, 1);
}.sidebar ul li a i{
  color: #aeb2b7;
  padding: 15px 22px;
  text-align: center;
}ul.submenu{
  display: none;
  position: relative;
}ul.submenu li a:hover{
  background-color:#35404d;
}ul.submenu li a {
  padding-left: 45px;
}ul.submenu li:before{
  content: "";
  display: block;
  position: absolute;
  z-index: 1;
  left: 25px;
  top: 0;
  bottom: 0;
  border: 1px dotted #d7d7d7;
  border-width: 0 0 0 1px;
}ul.submenu li a:before{
  content: "";
  display: inline-block;
  position: absolute;
  width: 7px;
  left: 25px;
  top: 18px;
  border-top: 1px dotted #d7d7d7;
```

```css
}

.sale_report_header{
  padding: 15px 0;
}
table td h6{
  margin: 0 0 0.2em 0;
}
table tfoot tr td:first-child{
  border: 0;
}table tfoot tr td:last-child{
  border-top: 1px solid #ccc;
}table td h6,table tfoot tr td:last-child{
  color: #000;
  _font-size: 1.2em;
  font-weight: normal;
}
.form-control{
  color: #646464;
  border: 1px solid #e6e6e6;
  border-radius: 3px;
  -webkit-box-shadow: none;
  -moz-box-shadow: none;
  box-shadow: none;
  -moz-transition: all .15s ease-out;
  -webkit-transition: all .15s ease-out;
  transition: all .15s ease-out;
}.form-control:focus{
  background: #f8f8f8;
  border-color: #3498DB;
  outline: 0;
  -webkit-box-shadow: none;
  -moz-box-shadow: none;
  box-shadow: none;
}
.btn{
  border-radius: 3px;
  -webkit-transition: all 300ms ease-in-out;
  -moz-transition: all 300ms ease-in-out;
   transition: all 300ms ease-in-out;
}.btn-primary {
    color: #fff;
    background-color: #51aded;
    border-color: #3d8fd8
```

```css
}.btn-primary:hover, .btn-primary:focus, .btn-primary.focus, .btn-
primary:active, .btn-primary.active{
    color: #fff;
    background-color: #3175b8;
    border-color: #3d8fd8
}.btn-success{
    background-color:#2ecc71
}.btn-success:hover, .btn-success:focus, .btn-success.focus, .btn-
success:active, .btn-success.active{
  background-color:#27ae60
}.btn-warning{
  background-color: #e7c13e;
  border-color: #dfba3c;
}.btn-warning:hover, .btn-warning:focus, .btn-warning.focus, .btn-
warning:active, .btn-warning.active{
  background-color:#d0ac2c;
  border-color: #dfba3c;
}.btn-danger{
  background-color: #ed5153
}.btn-danger:hover, .btn-danger:focus, .btn-danger.focus, .btn-
danger:active, .btn-danger.active{
  background-color:#bb282a
}.input-group-addon{
  background-color: #fcfcfc;
  border: 1px solid #dbdbdb;
  border-radius: 0;
}
input[type=file]{
  text-indent: -99999px;
}td img.img-thumbnail{
  width: 125px;
  height: 125px;
  vertical-align: top;
}.img-avatar{
  width: 50px;
  height: 50px;
}
.jumbotron{
  margin-bottom: 0;
}.list-group-item:first-child,.list-group-item:last-child{
  border-radius: 0;
}.profile .jumbotron{
  border-radius: 3px 3px 0 0;
}.profile .jumbotron h3{
  color: rgb(255, 255, 255);
```

```css
}img.img-size-2{
  width: 125px;
  height: 125px;
}
```

functions.js

```javascript
// The timezone is set a 'config.php' if changes are needed.
// This fetches the possible suggestions (like looking for a product when adding
sales).
function suggestion() {

    $('#sug_input').keyup(function(e) {

        var formData = {
            'product_name' : $('input[name=title]').val()
        };

        if(formData['product_name'].length >= 1){
          $.ajax({
                type        : 'POST',
                url         : 'ajax.php',
                data        : formData,
                dataType    : 'json',
                encode      : true
          })
                .done(function(data) {
                    $('#result').html(data).fadeIn();
                    $('#result li').click(function() {

                        $('#sug_input').val($(this).text());
                        $('#result').fadeOut(500);
                    });

                    $("#sug_input").blur(function(){
                      $("#result").fadeOut(500);
                    });
                });
        } else {
          $("#result").hide();
        };
        e.preventDefault();
    });
```

```javascript
}

$('#sug-form').submit(function(e) {
    var formData = {
        'p_name' : $('input[name=title]').val()
    };
      // process the form
       $.ajax({
            type        : 'POST',
            url         : 'ajax.php',
            data        : formData,
            dataType    : 'json',
            encode      : true
       })
            .done(function(data) {
                //console.log(data);
                $('#product_info').html(data).show();
                total();
                $('.datePicker').datepicker('update', new Date());

            }).fail(function() {
                $('#product_info').html(data).show();
            });
        e.preventDefault();
});

// This calculates the total price of an item in relation to its quantity
function total(){
  $('#product_info input').change(function(e)  {
        var price = +$('input[name=price]').val() || 0;
        var qty   = +$('input[name=quantity]').val() || 0;
        var total = qty * price ;
            $('input[name=total]').val(total.toFixed(2));
  });
}

$(document).ready(function() {

  // This is for the tooltips.
  $('[data-toggle="tooltip"]').tooltip();

  $('.submenu-toggle').click(function () {
     $(this).parent().children('ul.submenu').toggle(200);
  });
```

```javascript
    // This calls the suggestion function made earlier.
    suggestion();

    // Calls the 'total()' function that calculates the total amount.
    total();

    // The timezone is set at 'config.php' if changes are needed.
    $('.datepicker')
        .datepicker({
            format: 'yyyy-mm-dd',
            todayHighlight: true,
            autoclose: true
        });
});
```