MIS PROJECT

24 hour pharma

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Project Description

- **Our project will be an online pharmacy which the user can shop online from a variety of categories such as, health, baby and skin care products.**
- **To do this, the user will have to register on our website and then they will be able to search for hundreds of products and choose what they are interested in and add it to their cart. Next, they will have to purchase by one of two methods, by credit card or cash on delivery.**
- **The supplier's job includes the ability to add their products on our website. For example, if the supplier has specific number of products they would like to sell, they will have to send a request to the supervisor containing the product's name, the amount of product and the price.**

- The supervisor's duties include, managing the products and the contracts with the suppliers, as well as deciding which requests to accept or reject. They will also have access to the rating of each product by charts. they will also be in charge of overseeing all the purchases, package orders and giving a number along with an excepted delivery date.
- The admin's job includes managing the supervisors and seeing the profits charts. The admin will also have a general sight of the website.
- So, first of all we have the home page which you can see the latest products, also you will find the categories which you can browse for products depending on the category name, in the above or in the bottom you will see contact us and registration which you can contact us for anything or any problem but if you want to send an email you will have to register first.

- **After registration you will have the ability to do many things so first you can send us a feedback, you can change your profile picture and edit your profile information, also you will be able to see each product separately and choose the quantity you want from that product, you will have the ability to rate each product, after browsing the product adding them to your cart now you are ready to buy them, in the above there is the number of items in your cart and it will take you to another page called product summary, which will preview the product in your cart and the quantity of each of them so there is a next button that will take you to another page to choose which method you want to choose from and then you can proceed to check out.**
- **In the admin control page, you will see your charts depending on the purchases your users did each month.**

- **You will see your users on the website, your supervisors, the feedback and the purchases.**
- **Also, you can add new supervisor or supplier which you give them a password to access the system.**
- **In the supervisor Control page, you will see all the feedback, the purchases and the rating for each product.**
- **If you clicked on the user id that added that purchase you will be directed to a page called purchase shipping, in this page you could add a package to be ready to deliver to the user.**
- **In the above there is a notification button which contain the requests coming from the supplier and then you will be directed to the page for managing the products.**
- **In the supplier page he can edit his profile, he can see the profits for each product he has, and he can see the rating for every product he is selling on our website.**

Similar Projects Functionalities

- **User can browse for different categories and select the products they want and then add it to the cart.**
- **User can add profile picture from the directory they want.**
- **Each supplier can request for adding a new product and wait for respond or acceptance from the supervisor after revising it.**
- **Users can rate the product by selecting stars out of 5 stars.**
- **User can not add more than 20 products in the cart.**

Project Functionality

- View user profile
  - This function views the user's profile.
- View user purchase
  - This function views the purchases for the user.
- Rate product
  - This function allows the user to rate the product and add it to the database.

```
function rateProduct($product_id,$rate,$user_id){
    return $this->db->insertRow("INSERT into rating_product values (NULL,?,?,?)",[$product_id,$rate,$user_id]);
}
```

- Add to cart
  - User can add product to his cart which insert a row with the requested product, its quantity and the user id.

- Edit account information
    - User can update his account information which is his password and email.

```php
function editaccountinformation($email,$password,$user_id){

    $this->db->updateRow("UPDATE `users` SET `email` =? , `password` =? WHERE `users`.`ID` =?",[$email,$password,$user_id]);
    return true;
}
```

- Edit personal information
    - User can update his personal information which is his Name, address, phone and birthdate.
- Show rating
    - Supervisor can show rating for the product which is rated by users depending on the category number.
- Add Products
    - Supervisor can add product depending on the supplier request and upload picture for it.

```php
function addProducts($product_description,$product_img,$No_in_stock,$Product_name,$product_price,$Supplier,$Category_number){

        $ins = $this->db->insertRow("INSERT INTO `product` (`product_no`, `product_img` , `product_img1` , `product_img2` , `product_img3` , `
        product_describtion` ,`no_in_stock`, `product_name`, `price`, `tax`, `discount`,`supplier`, `category_number`, `updated`) VALUES
        (?,?,?,?,?,?,?,?,?,?,?,?,?,?);", [NULL,$product_img,$product_img,$product_img,$product_img,$product_description,$No_in_stock,$Product_name,$
        product_price,NULL,NULL,$Supplier,$Category_number,"0"]);

        return $ins;}
```

- View Product Details
  - This function used to view all the product depending on the category number which the supervisor shows it.

```php
function viewProductDetails($category_number){
    $this->category_name = $category_number;
    if($this->category_name == 1){
        $sql = $this->db->getRows("SELECT product_no,
                        no_in_stock, product_name, supplier,price
                        FROM product where category_number =?", ["1"]);}
    elseif($this->category_name == 2){
        $sql = $this->db->getRows("SELECT product_no,
                        no_in_stock, product_name, supplier,price
                        FROM product where category_number =?", ["2"]);}
    elseif($this->category_name == 3){
        $sql = $this->db->getRows("SELECT product_no,
                        no_in_stock, product_name, supplier,price
                        FROM product where category_number =?", ["3"]);}
    elseif($this->category_name == 4){
        $sql = $this->db->getRows("SELECT product_no,
                        no_in_stock, product_name, supplier,price
                        FROM product where category_number =?", ["4"]);}
    elseif($this->category_name == 5){
        $sql = $this->db->getRows("SELECT product_no,
                        no_in_stock, product_name, supplier,price
                        FROM product where category_number =?", ["5"]);}
    elseif($this->category_name == 6){
        $sql = $this->db->getRows("SELECT product_no,
                        no_in_stock, product_name, supplier,price
                        FROM product where category_number =?", ["6"]);}

    return $sql;
}
```

- Delete Product
  - Supervisor can delete product by entering the product id.

```
function deleteProduct($id){
    $check = 0;
    $sql = $this->db->getRows("SELECT purchase_no,complete from purchase_product,purchase where purchase_no = purch_no and product_id =? and complete IN (?, ?)",
    $id,"1","0"]);
    $sql1 = $this->db->getRowCount("SELECT purchase_no,complete from purchase_product,purchase where purchase_no = purch_no and product_id =? and complete IN (?,
    ?)",[$id,"1","0"]);
    if($sql1 == 0){$check = 1;}
    else{
    foreach ($sql as $row) {
        if($row['complete'] == 1){
            $check = 1;
        }elseif($row['complete'] == 0){$check = 0;break;}
    }
}

if($check == 1){    $this->db->deleteRow("DELETE FROM `purchase_product` WHERE `purchase_product`.`product_id`   =?",[$id]);
                    $this->db->deleteRow("DELETE FROM `rating_product`   WHERE `rating_product`.`product_id`   =?",[$id]);
                    $this->db->deleteRow("DELETE FROM `product` WHERE `product`.`product_no`              =?",[$id]);
                    return true;}
    else return false;

}
```

- View Feedback Details
  - Function to view the feedbacks coming from the users.
- Add Shipping Details
  - Function used to add package which depending on purchase and then it will be ready to deliver.

- Login
  - Function used to login depending on the password and the username of each actor.

```php
public function Login($username, $password, $cookie){
///////////////////////////////ADMIN CHECK->>>>>>>>>>>
if($this->db->getRowCount("SELECT admin_username, admin_password FROM admin WHERE admin_username =? and admin_password =?", [$username,$password]) > 0)
    {
$sql = $this->db->getRows("SELECT admin_fullName,admin_username, admin_password, id FROM admin WHERE admin_username =? and admin_password =?", [$
    username,$password]);
session_start();
foreach ($sql as $row) {
    $_SESSION['username']  = $username;
    $_SESSION['ID']        = $row['id'];
    $_SESSION['full_name'] = $row['admin_fullName'];
    if($cookie == 1){
        setcookie("username",$username,time()+3600);
        setcookie("password",$password,time()+3600);
        setcookie("full_name",$row['admin_fullName'],time()+3600);
        setcookie("id",$row['id'],time()+3600);
        setcookie("status","admin",time()+3600);
    }

    $_SESSION['status']    = "admin";
}

return 1;}
```

- Is User Exist
  - Function check if the username is existing while registration.

```php
public function isUserExist($username){
$sql = $this->db->getRowCount("SELECT * FROM users WHERE username = ?", [$username]);
if($sql > 0){
    return true;
} else {
    return false;
    }
}
```

- User Register
  - Function used to add a new user to the system by filling his required information.

```php
public function UserRegister($full_name,$email,$username,$password,$address,$phone,$date,$gender){
    //md5 for encrption
    $sql = $this->db->insertRow("INSERT INTO `users`(`id`, `full_name`, `birthdate`, `email`,
        `username`, `password`, `address`, `gender`, `phone_number`) VALUES
        (?,?,?,?,?,?,?,?,?)", ["",$full_name,$date,$email,$username,$password,$address,$gender,$phone]);
    if($sql){
        return true;
    }else{
        return false;
    }
}
```

- Logout
  - Function used to logout from the system.

```php
public function logout(){
    session_start();
    unset($_COOKIE['username']);
    unset($_COOKIE['password']);
    unset($_COOKIE['full_name']);
    unset($_COOKIE['id']);
    unset($_COOKIE['status']);
    setcookie("username",FALSE,time()+3600);
    setcookie("password",FALSE,time()+3600);
    setcookie("full_name",FALSE,time()+3600);
    setcookie("id",FALSE,time()+3600);
    setcookie("status",FALSE,time()+3600);
    session_unset();
    session_destroy();
    $this->db->Disconnect();
    unset($this->db);

}
```
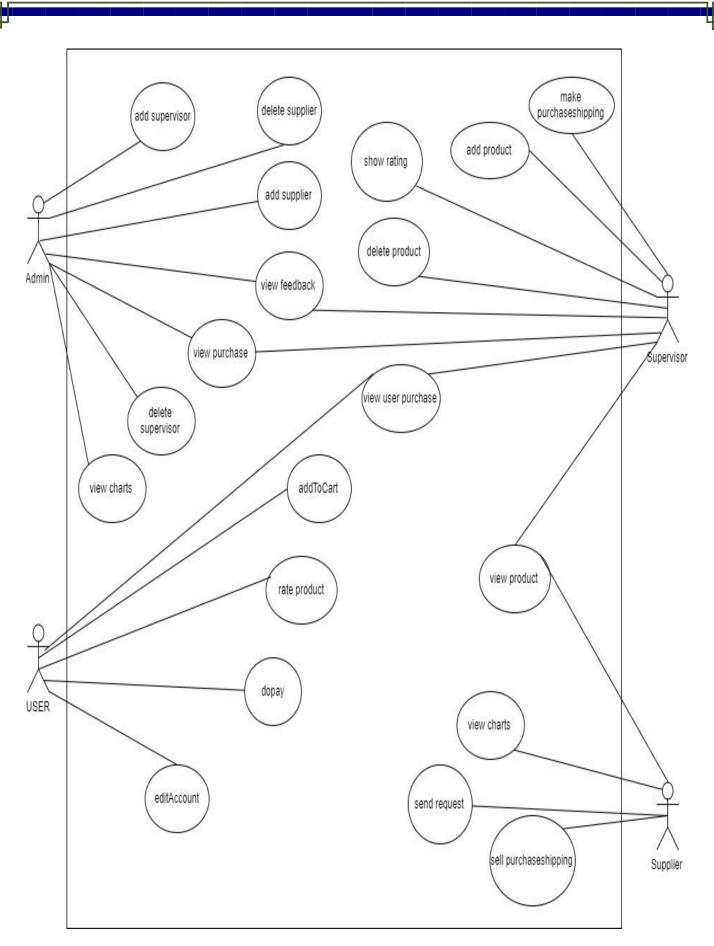
- Supplier registration
  - Function used by the admin to add a new supplier or supervisor.
- Delete supplier
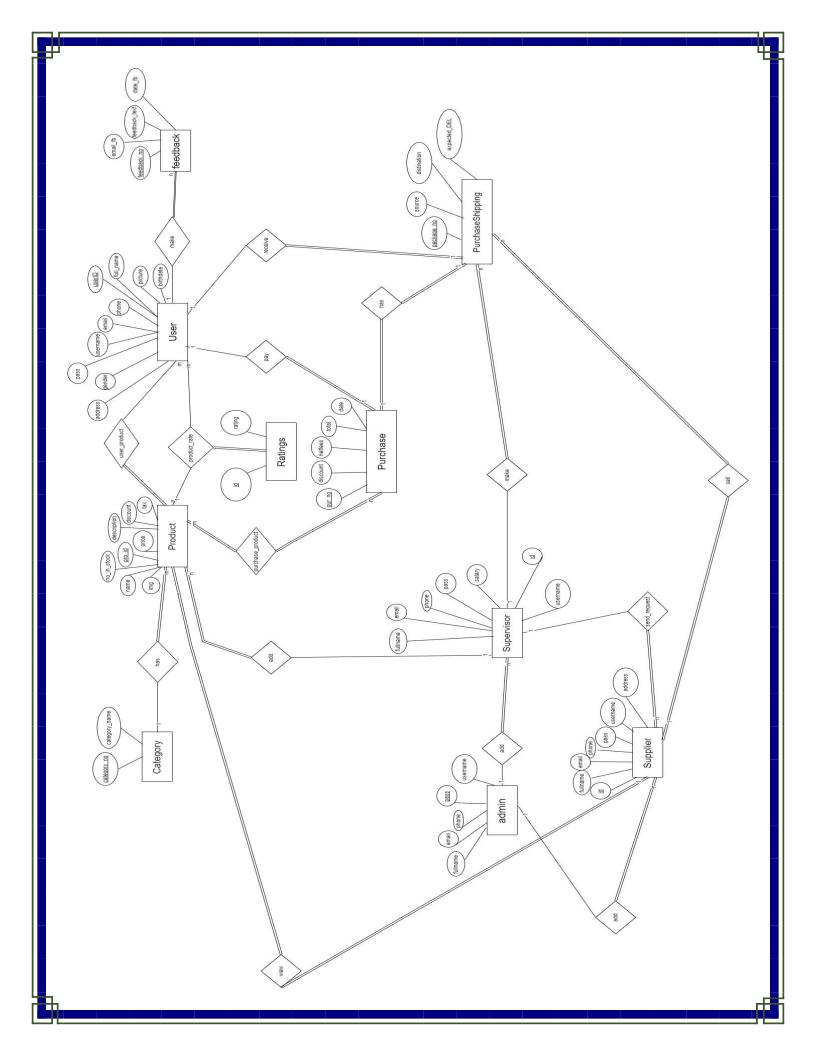 - Function used to delete supervisor or supplier by sending the id.

```php
public function Delete_Supplier($table_name,$id){
    if($table_name == 'supplier')
            {$this->db->deleteRow("DELETE FROM notification WHERE `ID` =?",[$id]);
             $this->db->deleteRow("DELETE FROM product WHERE supplier=?",[$id]);
             $this->db->deleteRow("DELETE FROM purchaseshipping WHERE package_source=?",[$id]);}
    $sql = $this->db->deleteRow("DELETE FROM $table_name WHERE $table_name.`ID` =?",[$id]);
    if($sql)
    return true;
    else return false;
    return true;
}
```
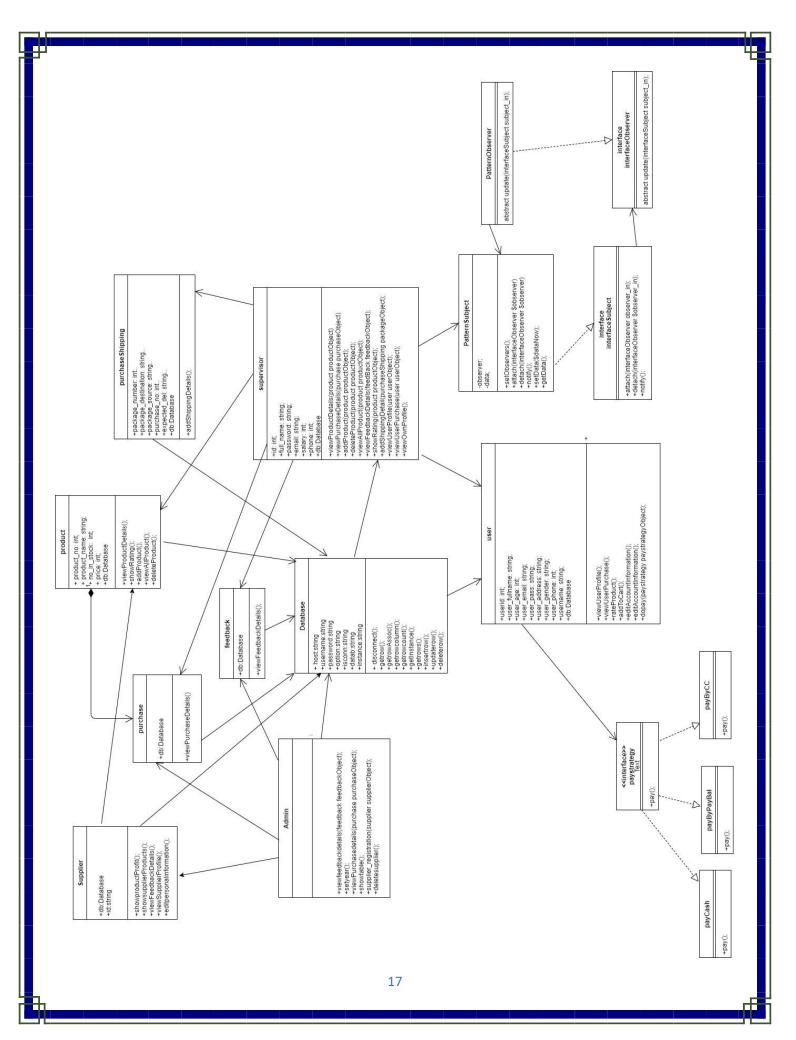
- Show product Profit
  - Function show products profit for supplier depending on the supplier id by charts.

```php
function showproductProfit($jsonEncodedData){

    $this->columnChart = new FusionCharts("column3d", "myFirstChart" , 500, 300, "chart-1", "json", $jsonEncodedData);
    $this->pieChart    = new FusionCharts("pie3d","mySecoundChart" , 500, 300, "chart-2", "json", $jsonEncodedData);
    $arrayName = array($this->columnChart->render(),$this->pieChart->render());
    return $arrayName;
}
```

PatternObserver

abstract update(interfaceSubject subject_in);

interface
interfaceObserver

abstract update(interfaceSubject subject_in);

purchaseShipping
+package_number: int.
+package_destination: string..
+package_source: string.
+purchase_no: int.
+expected_del: string..
+db:Database
+addShippingDetails();

supervisor
+id: int;
+full_name: string;
+password: string;
+email: string;
+salary: int;
+phone: int;
+db:Database
+viewProductDetails(product productObject)
+viewPurchaseDetails(purchase purchaseObject)
+addProduct(product productObject);
+deleteProduct(product productObject);
+viewAllProduct(product productObject);
+viewFeedbackDetails(feedBack feedbackObject);
+showRating(product productObject);
+addShippingDetail(purchaseShipping packageObject);
+viewUserProfile(user userObject);
+viewUserPurchase(user userObject);
+viewOwnProfile();

PatternSubject
-observer;
-data;
+setObservers();
+attach(interfaceObserver $observer)
+detach(interfaceObserver $observer)
+notify();
+setData($dataNow);
+getData();

interface
interfaceSubject
+attach(interfaceObserver observer_in);
+detach(interfaceObserver $observer_in);
+notify();

product
+ product_no: int;
+ product_name: string;
+ no_in_stock: int;
+ price: int;
+ db:Database
+viewProductDetails();
+showRating();
+addProduct();
+viewAllProduct();
+deleteProduct();

user
+userid: int;
+user_fullname: string;
+user_age: int;
+user_email: string;
+user_pass: string;
+user_address: string;
+user_gender: string;
+user_phone: int;
+username: string;
+db:Database
+viewUserProfile();
+viewUserPurchase();
+rateProduct();
+addToCart();
+editAccountInformation();
+editAccountInformation();
+dopay(paystrategy paystrategyObject);

feedback
+db:Database
+viewFeedbackDetails();

Database
+ host:string
+username:string
+password:string
+option:string
+iscom:string
+datab:string
+instance:string
+ disconnect();
+getrow();
+getrowAssoc();
+getrowcolumn();
+getrowcount();
+getInstance();
+getrows();
+insertrow();
+updaterow();
+deleterow();

purchase
+db:Database
+viewPurchaseDetails()

Supplier
+db:Database
+id:string
+showproductProfit();
+showsupplierProducts();
+viewFeedbackDetails();
+viewSupplierProfile();
+editpersonalinformation();

Admin
+viewfeedbackdetails(feedback feedbackObject);
+setyear();
+viewPurchasedetails(purchase purchaseObject);
+showtable();
+supplier_registration(supplier supplierObject);
+deletesupplier();

<<interface>>
paystrategy
Text
+pay();

payByCC
+pay();

payByPayBal
+pay();

payCash
+pay();

Some features

- Using Cookies

```php
if($cookie == 1){ // 1 if the user clicked on remember me
        setcookie("username",$username,time()+3600);
        setcookie("password",$password,time()+3600);
        setcookie("full_name",$row['Full_name'],time()+3600);
        setcookie("id",$row['ID'],time()+3600);
        setcookie("status","supervisor",time()+3600);
    }
```

```php
if(isset($_COOKIE['username']) && !isset($_SESSION['username'])){

 $_SESSION['ID'] = $_COOKIE['id'];
 $_SESSION['username'] = $_COOKIE['username'];
 $_SESSION['full_name'] = $_COOKIE['full_name'];
 $_SESSION['status'] = $_COOKIE['status'];

}
```

- Changing the profile picture

```php
if($_SERVER['REQUEST_METHOD'] == 'POST' && isset($_GET['do'])){

 $target      = "themes/images/products/". basename($_FILES['image']['name']);
 $product_img = "themes/images/products/" . $_FILES['image']['name'];
 if (move_uploaded_file($_FILES['image']['tmp_name'], $target)) {
    $msg = true;
  }else{
    $msg = false;
  }

 if($msg){

   $result = $db->updateRow("UPDATE `users` SET `user_picture` =? WHERE ID =?",[$product_img,$id]);

    header("location: userProfile.php");
```

- PayPal payment

```php
switch ($_GET['action']) {

  case 'process':      // Process and order...

    $CatDescription = $_REQUEST['CatDescription'];
    $payment = $_REQUEST['payment'];
    $id = $_REQUEST['id'];
    $key = $_REQUEST['key'];

    $p->add_field('business', 'hb@supertec.com');
    $p->add_field('return', $this_script.'?action=success');
    $p->add_field('cancel_return', $this_script.'?action=cancel');
    $p->add_field('notify_url', $this_script.'?action=ipn');
    $p->add_field('item_name', $CatDescription);
    $p->add_field('amount', $payment);
    $p->add_field('key', $key);
    $p->add_field('item_number', $id);


    $p->submit_paypal_post(); // submit the fields to paypal
    //$p->dump_fields();       // for debugging, output a table of all the fields
    break;

  case 'success':      // Order was successful...


    echo "<br/><p><b>Thank you for you for Donation. </b><br /></p>";
    header("location: CCsucess.php?process=success&method=paypal");


    break;

  case 'cancel':       // Order was canceled...
```

- Charts

```php
// constructor
function __construct($type, $id, $width = 400, $height = 300, $renderAt, $dataFormat, $dataSource) {
    isset($type) ? $this->constructorOptions['type'] = $type : '';
    isset($id) ? $this->constructorOptions['id'] = $id : 'php-fc-'.time();
    isset($width) ? $this->constructorOptions['width'] = $width : '';
    isset($height) ? $this->constructorOptions['height'] = $height : '';
    isset($renderAt) ? $this->constructorOptions['renderAt'] = $renderAt : '';
    isset($dataFormat) ? $this->constructorOptions['dataFormat'] = $dataFormat : '';
    isset($dataSource) ? $this->constructorOptions['dataSource'] = $dataSource : '';

    $tempArray = array();
    foreach($this->constructorOptions as $key => $value) {
        if ($key === 'dataSource') {
            $tempArray['dataSource'] = '__dataSource__';
        } else {
            $tempArray[$key] = $value;
        }
    }

    $jsonEncodedOptions = json_encode($tempArray);

    if ($dataFormat === 'json') {
        $jsonEncodedOptions = preg_replace('/\"__dataSource__\"/', $this->constructorOptions['dataSource'], $jsonEncodedOptions);
    } elseif ($dataFormat === 'xml') {
        $jsonEncodedOptions = preg_replace('/\"__dataSource__\"/', '\'__dataSource__\'', $jsonEncodedOptions);
        $jsonEncodedOptions = preg_replace('/__dataSource__/', $this->constructorOptions['dataSource'], $jsonEncodedOptions);
    } elseif ($dataFormat === 'xmlurl') {
        $jsonEncodedOptions = preg_replace('/__dataSource__/', $this->constructorOptions['dataSource'], $jsonEncodedOptions);
    } elseif ($dataFormat === 'jsonurl') {
        $jsonEncodedOptions = preg_replace('/__dataSource__/', $this->constructorOptions['dataSource'], $jsonEncodedOptions);
    }
    $newChartHTML = preg_replace('/__constructorOptions__/', $jsonEncodedOptions, $this->constructorTemplate);

    echo $newChartHTML;
}
```

- Google maps web service

```html
<script src='https://maps.googleapis.com/maps/api/js?v=3.exp&key=AIzaSyDxSbc-xCyCj7BVB0g1WKp6jOUnn5y3iR8'></script><div style='overflow:hidden;height:300px;width:100%;'><div id='gmap_canvas' style='height:300px;width:100%;'></div><style>#gmap_canvas img{max-width:none!important;background:none!important}</style></div>
<a href='https://www.ah-werbemittel-hoderlein.de'>Werbemittel effektiv und einfach</a> <script type='text/javascript' src='https://embedmaps.com/google-maps-authorization/script.js?id=e95abc6c631d5d2fc970c5257b5cf065956aadfc3'></script><script type='text/javascript'>function init_map(){var myOptions = {zoom:12,center:new google.maps.LatLng(30.0468612,31.359984499999996),mapTypeId: google.maps.MapTypeId.ROADMAP};map = new google.maps.Map(document.getElementById('gmap_canvas'), myOptions);marker = new google.maps.Marker({map: map,position: new google.maps.LatLng(30.0468612,31.359984499999996)});infowindow = new google.maps.InfoWindow({content:'<strong>       24HourPharma</strong><br>      صيدلية طوال اليوم<br>       cairo<br>'});google.maps.event.addListener(marker, 'click', function(){infowindow.open(map,marker);});infowindow.open(map,marker);}google.maps.event.addDomListener(window, 'load', init_map);</script>
</div>
```

• Mail service

```php
if($register){
    $to       = $_POST['email'];
    $subject = "Registration is done!";
    $txt      = "Welcome to our website Mr/Mrs " . $_POST['name'] . " You will get notification for every new products!";
    $headers = "From: 24HourPharmacy@example.com" . "\r\n" .
               "CC: abdelrahman.ashraf@yahoo.com";
    mail($to,$subject,$txt,$headers);
```

• Notification

```php
<li id="noti_Container">
        <?php $sql = $supervisor->getRow("SELECT COUNT(*) from notification", []);
                        foreach($sql as $row){
                         if($row["COUNT(*)"] > 0){
                          echo "<div id='noti_Counter'>" . $row["COUNT(*)"] . "</div>";}
                         else {
                          echo "<div></div>";
                        }
                      }
                    ?>
        <div id="noti_Button"><center><i class="fa fa-bell-o" aria-hidden="true"></i></center></div>

        <!--THE NOTIFICAIONS DROPDOWN BOX.-->
        <div id="notifications">
            <h3>Notifications</h3>
            <div><?php
    foreach ($array as $value) {

      echo '<div class="noti_content"><a style="color:black;" href="#">';
        $value["text"] = strlen($value["text"]) > 55 ? substr($value["text"],0,50)."..." : $value["text"];
        $subjectObject->setData($value["text"]);//();
        $subjectObject->notify();
        echo '</a></div>';
      }
    ?>
</div>
        <div class="seeAll"><a style="padding-right: 100px;" href="?do=seeAll">See All </a><a href="?do=clear">Clear All</a></div>
```

Screenshots

- **In the attached folder.**