Assignment No: 07

* **Title** = Add dynamic web application essence using PHP AJAX & MYSQL

* **Objective** =
  To understand the principle & methodology of web based application development process.

* **Problem Statement** :-
  Design & develop dynamic web application using PHP, AJAX & MYSQL as backend for employee data with intern & view operation.

* **Outcomes** :
  1) Develop web based application using suitable client side & server side web technologies.

* **Software & Hardware** :
  Software : 1) Ubuntu 64 bit
  2) XAMPP.
  Hardware : intel P4 machine with 1GB.

* **Theory** :-
  AJAX remains for Asynchronous JavaScript & XML is another procedure for making better, speedier & more intelligent

dynamic web application with the assistance of XML, HTML, Css & JavaScript. Ajax utilize HTML for content.

Css for introduction, alongside Document object model & JavaScript for dynamic substances how.

AJAX communicates with the server using XML HTTP request object, lets try to understand the flow of ajax or how ajax works by the image displayed below. Ajax spacks with the server utilizing XML - HTTP Request question How about we endover to comprehend the stream of ajax of how ajax functions by the picture should beneath.

Ajax instructional exercise covers ideas & cases of Ajax innovations for apprentices & experts.

* Conclusion :-

In this assignment we have studied how to design & develop small web application using PHP java script ajax xampp server with apache server & MYSQL as backend.

Name:

Fokane Sakshi Anil

Roll No: 42

Div: TE-A

Assignment 7 : Design and develop dynamic web application using php and Ajax and MySql as a back-end for employee data with insert and view operations.

Database

CREATE TABLE `tbl_employee` (

 `id` int(11) NOT NULL,

 `name` varchar(50) NOT NULL,

 `address` text NOT NULL,

 `gender` varchar(10) NOT NULL,

 `designation` varchar(100) NOT NULL,

 `age` int(11) NOT NULL,

 `images` varchar(150) NOT NULL

) ENGINE=MyISAM DEFAULT CHARSET=latin1;

INSERT INTO `tbl_employee` (`id`, `name`, `address`, `gender`, `designation`, `age`, `images`) VALUES

(6, 'Barbra K. Hurley', '1241 Canis Heights Drive\r\nLos Angeles, CA 90017', 'Female', 'Service technician', 26, 'image_35.jpg'),

(7, 'Antonio J. Forbes', '403 Snyder Avenue\r\nCharlotte, NC 28208', 'Male', 'Faller', 28, 'image_36.jpg'),

(8, 'Charles D. Horst', '1636 Walnut Hill Drive\r\nCincinnati, OH 45202', 'Male', 'Financial investigator', 29, 'image_37.jpg'),

(174, 'Martha B. Tomlinson', '4005 Bird Spring Lane, Houston, TX 77002', 'Female', 'Systems programmer', 28, 'image_44.jpg'),

(162, 'Jarrod D. Jones', '3827 Bingamon Road, Garfield Heights, OH 44125', 'Male', 'Manpower development advisor', 24, 'image_3.jpg'),

(192, 'Flora Reed', '4000 Hamilton Drive Cambridge, MD 21613', 'Female', 'Machine offbearer', 27, 'image_41.jpg'),

(193, 'Donna Case', '4781 Apple Lane Peoria, IL 61602', 'Female', 'Machine operator', 26, 'image_15.jpg'),

(194, 'William Lewter', '168 Little Acres Lane Decatur, IL 62526', 'Male', 'Process engineer', 25, 'image_46.jpg'),

(195, 'Nathaniel Leger', '3200 Harley Brook Lane Meadville, PA 16335', 'Male', 'Nurse', 21, 'image_34.jpg'),

(183, 'Steve John', '108, Vile Parle, CL', 'Male', 'Software Engineer', 29, 'image_47.jpg'),

(186, 'Louis C. Charmis', '1462 Juniper Drive\r\nBreckenridge, MI 48612', 'Male', 'Mental health counselor', 30, ''),

(200, 'June Barnard', '4465 Woodland Terrace Folsom, CA 95630', 'Female', 'Fishing vessel operator', 24, '');

- Indexes for dumped tables

- Indexes for table `tbl_employee`

-
ALTER TABLE `tbl_employee`

  ADD PRIMARY KEY (`id`);

--

- AUTO_INCREMENT for dumped tables

-
- AUTO_INCREMENT for table `tbl_employee`

--

ALTER TABLE `tbl_employee`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=206;

Database_Connection.Php

```php
<?php

//database_connection.php

$username = 'root';
$password = '';
$connect = new PDO( 'mysql:host=localhost;dbname=testing', $username, $password );

?>
```

```html
<html>
 <head>
  <title>Insert or Add Data using jQuery Dialogify with PHP Ajax</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />

  <script src="https://cdn.datatables.net/1.10.12/js/jquery.dataTables.min.js"></script> <script
  src="https://cdn.datatables.net/1.10.12/js/dataTables.bootstrap.min.js"></script> <link
  rel="stylesheet"
href="https://cdn.datatables.net/1.10.12/css/dataTables.bootstrap.min.css" />
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>

  <script src="https://www.jqueryscript.net/demo/Dialog-Modal-
Dialogify/dist/dialogify.min.js"></script>
 </head>
 <body>
 <div class="container">
  <br />

  <h3 align="center">Insert or Add Data using jQuery Dialogify with PHP
  Ajax</h3> <br />
```

```html
<div class="panel panel-default">
 <div class="panel-heading">
  <div class="row">
   <div class="col-md-6">
    <h3 class="panel-title">Employee Data</h3>
   </div>
   <div class="col-md-6" align="right">
    <button type="button" name="add_data" id="add_data" class="btn btn-success btn-xs">Add</button>
   </div>
  </div>
 </div>
 <div class="panel-body">
  <div class="table-responsive">
   <span id="form_response"></span>
   <table id="user_data" class="table table-bordered table-striped">
    <thead>
     <tr>
      <td>Name</td>
      <td>Gender</td>
      <td>Designation</td>
      <td>Age</td>
      <td>View</td>
     </tr>
    </thead>
   </table>

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

```html
    </div>
    </body>
</html>


<script type="text/javascript" language="javascript"
> $(document).ready(function(){

  var dataTable = $('#user_data').DataTable({
   "processing":true,
   "serverSide":true,
   "order":[],
   "ajax":{
    url:"fetch.php",
    type:"POST"
   },
   "columnDefs":[
    {
     "targets":[4],
     "orderable":false,
    },
   ],

  });

  $(document).on('click', '.view', function(){
   var id = $(this).attr('id');
   var options = {
    ajaxPrefix: '',
    ajaxData: {id:id},
```

```javascript
  ajaxComplete:function(){

  this.buttons([{

   type: Dialogify.BUTTON_PRIMARY

  }]);

 }

};

new Dialogify('fetch_single.php', options)

 .title('View Employee Details')

 .showModal();

});


$('#add_data').click(function(){

var options = {

 ajaxPrefix:''

};

new Dialogify('add_data_form.php', options)

 .title('Add New Employee Data')

 .buttons([

 {

 text:'Cancle',

 click:function(e){

 this.close();

 }

 },

 {

 text:'Insert',

 type:Dialogify.BUTTON_PRIMARY,

 click:function(e)

 {
```

```javascript
var image_data = $('#images').prop("files")[0];

var form_data = new FormData();

form_data.append('images', image_data);

form_data.append('name', $('#name').val());

form_data.append('address', $('#address').val());

form_data.append('gender', $('#gender').val());

form_data.append('designation', $
('#designation').val()); form_data.append('age', $
('#age').val()); $.ajax({
 method:"POST",
 url:'insert_data.php',
 data:form_data,
 dataType:'json',
 contentType:false,
 cache:false,
 processData:false,
 success:function(data)
 {
  if(data.error != '')
  {
   $('#form_response').html('<div class="alert alert-danger">'+data.error+'</div>');
  }
  else
  {
   $('#form_response').html('<div class="alert alert-success">'+data.success+'</div>');
   dataTable.ajax.reload();
  }
 }
});
```

```
    }

    }

  ]).showModal();

 });

});

</script>
```

Fetch.Php

```php
<?php

include('database_connection.php');

$query = '';

$output = array();

$query .= "SELECT * FROM tbl_employee ";

if(isset($_POST["search"]["value"]))

{

 $query .= 'WHERE name LIKE "%'.$_POST["search"]["value"].'%" OR address LIKE
"%'.$_POST["search"]["value"].'%" OR gender LIKE "%'.$_POST["search"]["value"].'%"
OR designation LIKE "%'.$_POST["search"]["value"].'%" OR age LIKE "%'.
$_POST["search"]["value"].'%" ';

}

if(isset($_POST["order"]))

{

 $query .= 'ORDER BY '.$_POST['order']['0']['column'].' '.$_POST['order']['0']['dir'].' ';

}

else

{

 $query .= 'ORDER BY id DESC ';

}
```

```php
if($_POST["length"] != -1)
{
 $query .= 'LIMIT ' . $_POST['start'] . ', ' . $_POST['length'];
}
$statement = $connect->prepare($query);
$statement->execute();
$result = $statement->fetchAll();
$data = array();
$filtered_rows = $statement->rowCount();
foreach($result as $row)
{
 $sub_array = array();
 $sub_array[] = $row["name"];
 $sub_array[] = $row["gender"];
 $sub_array[] = $row["designation"];
 $sub_array[] = $row["age"];
 $sub_array[] = '<button type="button" name="view" id="'.$row["id"].'" class="btn btn-primary btn-xs view">View</button>';
 $data[] = $sub_array;
}


function get_total_all_records($connect)
{
 $statement = $connect->prepare("SELECT * FROM
 tbl_employee"); $statement->execute();
 $result = $statement->fetchAll();
 return $statement->rowCount();
}


$output = array(
```

```php
    "draw"  => intval($_POST["draw"]),

    "recordsTotal" => $filtered_rows,

    "recordsFiltered" => get_total_all_records($connect),

    "data"  => $data

);

echo json_encode($output);

?>
```

Fetch_Single.Php

```php
<?php

//fetch_single.php

include('database_connection.php');

if(isset($_GET["id"]))

{

$query = "SELECT * FROM tbl_employee WHERE id = '".$_GET["id"]."'";

$statement = $connect->prepare($query);

$statement->execute();

$result = $statement->fetchAll();

$output = '<div class="row">';

foreach($result as $row)

{

$images = '';

if($row["images"] != '')
```

```php
 {
  $images = '<img src="images/'.$row["images"].'" class="img-responsive img-thumbnail" />';
 }
 else
 {
  $images = '<img src="https://www.gravatar.com/avatar/38ed5967302ec60ff4417826c24feef6?s=80&d=mm&r=g" class="img-responsive img-thumbnail" />';
 }
 $output .= '
 <div class="col-md-3">
  <br />
  '.$images.'
 </div>
 <div class="col-md-9">
  <br />
  <p><label>Name : </label>'.$row["name"].'</p>
  <p><label>Address : </label>'.$row["address"].'</p>
  <p><label>Gender : </label>'.$row["gender"].'</p>
  <p><label>Designation : </label>'.$row["designation"].'</p>
  <p><label>Age : </label>'.$row["age"].' years</p>
 </div>
 </div><br />
 ';
 }
 echo $output;
}


?>
```

Add_Data_Form.Php

```html
<div class="form-group">
 <label>Enter Employee Name</label>
 <input type="text" name="name" id="name" class="form-control" />
</div>
<div class="form-group">
 <label>Enter Employee Address</label>
 <textarea name="address" id="address" class="form-control"></textarea>
</div>
<div class="form-group">
 <label>Enter Employee Gender</label>
 <select name="gender" id="gender" class="form-control">
  <option value="Male">Male</option> <option
  value="Female">Female</option>
 </select>
</div>
<div class="form-group">
 <label>Enter Employee Desingation</label>
 <input type="text" name="designation" id="designation" class="form-control" />
</div>
<div class="form-group">
 <label>Enter Employee Age</label>
 <input type="text" name="age" id="age" class="form-control" /
> </div>
<div class="form-group">
 <label>Select Employee Image</label>
```

```php
<input type="file" name="images" id="images" />
</div>
```

insert_data.php

```php
<?php

//insert_data.php

include('database_connection.php');

if(isset($_POST["name"]))
{
 $error = '';
 $success = '';
 $name = '';
 $address = '';
 $designation = '';
 $age = '';
 $images = '';
 $gender = $_POST["gender"];
 if(empty($_POST["name"]))
 {
  $error .= '<p>Name is Required</p>';
 }
 else
 {
  $name = $_POST["name"];
```

```php
}
if(empty($_POST["address"]))
{
 $error .= '<p>Address is Required</p>';
}
else
{
 $address = $_POST["address"];
}
if(empty($_POST["designation"]))
{
 $error .= '<p>Designation is Required</p>';
}
else
{
 $designation = $_POST["designation"];
}
if(empty($_POST["age"]))
{
 $error .= '<p>Age is Required</p>';
}
else
{
 $age = $_POST["age"];
}

if(isset($_FILES["images"]["name"]) && $_FILES["images"]["name"] != '')
{
 $image_name = $_FILES["images"]["name"];
```

```php
$array = explode(".", $image_name);

$extension = end($array);

$temporary_name = $_FILES["images"]["tmp_name"];

$allowed_extension = array("jpg","png"); if(!

in_array($extension, $allowed_extension)) {


 $error .= '<p>Invalid Image</p>';

}

else

{

 $images = rand() . '.' . $extension;

 move_uploaded_file($temporary_name, 'images/' . $images);

}

}

if($error == '')

{

$data = array(

 ':name'  => $name,

 ':address' => $address,

 ':gender' => $gender,

 ':designation' => $designation,

 ':age'  => $age,

 ':images' => $images

);


$query = "

INSERT INTO tbl_employee

(name, address, gender, designation, age, images)

VALUES (:name, :address, :gender, :designation, :age, :images)
```

```php
  ";
  $statement = $connect->prepare($query);

  $statement->execute($data);

  $success = 'Employee Data Inserted';
 }
 $output = array(
  'success' => $success,
  'error'  => $error
 );
 echo json_encode($output);
}


?>
```

OUTPUT :

Employee Data

Add

Show 10 entries | entries

Search: dsa

Name	Gender	Designation	Age	View	Edit	Delete	
dsad	Female	dsad6	5	View	Update	Delete	
ddsadasds	Female	dsad6	5	View	Update	Delete	
qwewww	Male	17	14	View	Update	Delete	
twasr99	Male	44Y	44	View	Update	Delete	
ahcd	Male	ff	15	View	Update	Delete	
Chan Mei Ling	Male	writer	60	View	Update	Delete	
Leelee	Female	viesca3	31	View	Update	Delete	
Asshole Israel	Female	m	45	View	Update	Delete	
Dick Head Israeldfda	Male	YaY	10	View	Update	Delete	
Free Palestine	Female	3pooo	1999	View	Update	Delete	

Showing 1 to 10 of 12 entries (filtered from 2 total entries)

Previous 1 2 Next

Showing 1 to 10 of 12 entries (filtered from 10 total entries)

Previous 1 2 Next