

## Small project using php and mysql database

Create a folder for project in Local disk(C)->xampp->htdocs->p11 (project name). Create a html file in the project folder. Here I create a html file named index.html.

**Index.html:** I create a form where user can input his id, name, age, gender, country and also can upload his image. All field must be filled by user and age can't be less than 18.

Index.html

```
<html>
```

```
<head>
```

```
<script>
```

```
    // for validation of the fields.
```

```
    function valid(){
```

```
        var x= document.reg.sa.value;
```

```
        var y = document.reg.sn.value;
```

```
        var z = document.reg.sid.value;
```

```
        var a = document.reg.gender.value;
```

```
        if (y == "") {
```

```
            alert("Name must be filled out");
```

```
            return false;
```

```
        }
```

```
        if (z == "") {
```

```
            alert("ID must be filled out");
```

```
            return false;
```

```
        }
```

```
        if (x == ""){
```

```
    alert("Age must be filled out");

    return false;

}

else if (x<18){

    alert("Under age 18 is not acceptable");

    return false;

}
```

```
if (a == "") {

    alert("Gender must be filled out");

    return false;

}
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<br><br>
```

```
<form name="reg" action="save.php" onsubmit="return valid()" method="post"
enctype="multipart/form-data">                                <!--onsubmit check the validation & enctype uses
```

```
for file/photo upload option-->
```

```
Student ID: <input type="text" name="sid"><br><br>
```

```
Student Name: <input type="text" name="sn"><br><br>
```

```
Student Age: <input type="number" name="sa"><br><br>
```

```
Gender:<br>
```

```
<input type="radio" name="gender" value="male">Male<br>
```

```
<input type="radio" name="gender" value="female">Female<br>
```

```
<br>
```

Country:

```
<select name="country">
```

```
<option value="bangladesh">Bangladesh</option>
```

```
<option value="us">US</option>
```

```
<option value="canada">Canada</option>
```

```
</select>
```

```
<br><br>
```

```
Submit your photo: <input type="file" name="fileToUpload" id="fileToUpload">      <!--for the field  
of photo upload-->
```

```
<br><br>
```

```
<input type="submit" name="sb" value="submit"><br>
```

```
</form>
```

```
</body>
```

```
</html>
```

Student ID:

Student Name:

Student Age:

Gender:  
☐ Male  
☐ Female

Country:

Submit your photo:  No file chosen

**Save.php:** Create a php file named save.php. When user fills the form, then his information is inserted to the database. But I have to create database at first (details about database in database section). I receive the data in this file by post method.

When I select image to upload, then php determines some default variable for image like name, tmp\_name, error, size. I use name & tmp\_name to insert image in database and display the image in frontend.

Create a folder named image in project folder. When user upload his image, a copy of this image is stored in the image file. I call by image name/path from database and display the image from this folder.

Save.php

```
<?php
```

```
$con= mysqli_connect('localhost','root','','p11');
```

```
if(isset($_POST['sb'])){\
```

```
    $id=$_POST['sid'];
```

```
    $name=$_POST['sn'];
```

```
    $age=$_POST['sa'];
```

```
    $country=$_POST['country'];
```

```
    $gender=$_POST['gender'];
```

```
$image=$_FILES['fileToUpload']['name']; // insert the value of fileToUpload in the default image name variable
```

```
$temp=$_FILES['fileToUpload']['tmp_name']; // insert the value of fileToUpload in the default image tmp_name variable
```

```
move_uploaded_file($temp, "image/$image"); // image copy in the htdocs->project-> image folder.
```

```
$sql="insert into student(id,name,age,country, gender, image)values('$id','$name',$age,'$country', '$gender', '$image')";
```

```
if(mysqli_query($con, $sql)){  
    echo 'submission successful';  
}  
}  
?>
```

Student ID:

Student Name:

Student Age:

Gender:

☒ Male

☐ Female

Country:

Submit your photo:  [download \(1\).jpg](#)

+ Options						
name	id	age	gender	country	image	▲ 1
123	s	45	female	canada	Chrysanthemum.jpg	
sh	102	23	male	banglasesh	Chrysanthemum.jpg	
gy	29777	20	male	banglasesh	download (1).jpg	
sd	22	34	male	banglasesh	download (1).jpg	
sahed	064	20	male	banglasesh	download (1).jpg	
df	456	26	male	us	Hydrangeas.jpg	
124	sam	45	male	us	Jellyfish.jpg	
raj	228	21	male	canada	Lighthouse.jpg	

**Display.php:** Create another php file to display the data from database named display.php.

Display.php

```
<?php
```

```
$con= mysqli_connect('localhost','root','p11');
```

```
$sql= "select * FROM student";
```

```
$res=mysqli_query($con,$sql);
```

```
?>
```

```
<html>
```

```
<body>
```

```
<h2>Display Database Info</h2>
```

```
<br><br>
```

```
<table border="1">
```

```
<tr>
```

```
    <th>StudentID</th>
```

```
        <th>Name</th>
```

```
        <th>Age</th>
```

```
        <th>Gender</th>
```

```
        <th>Country</th>
```

```

        <th>Image</th>

</tr>

<?php
while($row=mysqli_fetch_array($res))
{
?>

<tr>

<td><?php echo $row["id"]; ?></td>

<td><?php echo $row["name"];?></td>

<td><?php echo $row["age"];?></td>

<td><?php echo $row["gender"] ?> </td>

<td><?php echo $row["country"] ?> </td>

<td>" style="width:50px;height:40px;"> </td> <!-- call
the image from image

                                folder using the name of image which is stored

                                in database-->

</tr>

<?php
    }
?>









</table>

</body>

</html>

```

## Display Database Info

StudentID	Name	Age	Gender	Country	Image
228	raj	21	male	canada	
s	123	45	female	canada	
sam	124	45	male	us	
456	df	26	male	us	
29777	gy	20	male	banglasesh	
22	sd	34	male	banglasesh	
102	sh	23	male	banglasesh	
064	sahed	20	male	banglasesh	

**Search.php:** User can search information for anyone to use his id.

Search.php

```
<?php
```

```
if(isset($_POST['search'])){
```

```
    $valueToSearch = $_POST['valueToSearch'];
```

```
    $query="SELECT * FROM `student` where id = ".$valueToSearch." ";
```

```
    $search_result=filterTable($query);
```

```
}
```

```
else{
```

```
    $query="SELECT * FROM student";
```



```

        $search_result=filterTable($query);
    }

    function filterTable($query){

        $con=mysqli_connect('localhost','root','','p11');

        if($res= mysqli_query($con, $query)){

            return $res;
        }

    }

?>

<html>

<body>

<h2>Display Database Info</h2>

<form action="search.php" method="POST">

<input type="text" name="valueToSearch" placeholder="value To Search"><br><br>

<button type="submit" name="search">Search</button>

<br><br>

<table border="1">

<tr>

    <th>StudentID</th>

    <th>Name</th>

    <th>Age</th>

```

```

        <th>Gender</th>

        <th>Country</th>

        <th>Image</th>

</tr>

<?php
while($row=mysqli_fetch_array($search_result)) : ?>

<tr>

    <td> <?php echo $row["id"] ?> </td>

    <td> <?php echo $row["name"] ?> </td>

    <td> <?php echo $row["age"] ?> </td>

    <td> <?php echo $row["gender"] ?> </td>

    <td> <?php echo $row["country"] ?> </td>

    <td>" style="width:50px;height:40px;"> </td>
<!-- call the image from image

                                folder using the name of image which is store

                                in database-->

    </td>

</tr>

<?php endwhile;?>

</table>

</form>


</body>

</html>

```

---

## Display Database Info

StudentID	Name	Age	Gender	Country	Image
228	raj	21	male	canada	

**Update.php:** User can update his information. Use click the edit button, it sends the id to the updatesave.php file and this is executed this action.

update.php

```
<?php
```

```
$con=mysqli_connect('localhost','root','','p11');
```

```
$sql="select * FROM student";
```

```
$res=mysqli_query($con,$sql);
```

```
?>
```

```
<html>
```

```
    <head>
```

```
        <link rel="stylesheet"
```

```
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
```

```
    </head>
```

```
    <body>
```

```
        <div>
```

```
        <table class="table table-border">
```

```
        <thead>
```

```
        <tr>
```

```
            <th>StudentID</th>
```

```

        <th>Name</th>

        <th>Age</th>

        <th>Gender</th>

        <th>Country</th>

        <th>Image</th>

        <th>Action</th>

</tr>

</thead>

<tbody>

<?php while($row=mysqli_fetch_assoc($res)){?>

<tr>

        <td><?php echo $row["id"] ?></td>

        <td><?php echo $row["name"] ?></td>

        <td><?php echo $row["age"] ?></td>

        <td><?php echo $row["gender"] ?></td>

        <td><?php echo $row["country"] ?></td>

        <td><a class="glyphicon glyphicon-edit" href="updatesave.php?id=<?php echo $row["id"]
?>">update</a></td>

</tr>

<?php } ?>

</tbody>

</table>

</div>

</body>

```

</html>

StudentID	Name	Age	Gender	Country	Image	Action
228	raj	21	male	canada		<a href="#">update</a>
s	123	45	female	canada		<a href="#">update</a>
sam	124	45	male	us		<a href="#">update</a>
456	df	26	male	us		<a href="#">update</a>
29777	gy	20	male	banglasesh		<a href="#">update</a>
22	sd	34	male	banglasesh		<a href="#">update</a>
102	sh	23	male	banglasesh		<a href="#">update</a>
064	sahed	20	male	banglasesh		<a href="#">update</a>

**Updatesave.php:** updated information inserted in database.

updatesave.php

<?php

```
$con=mysqli_connect('localhost','root','','p11');
```

```
$id=$_GET['id'];
```

```
$sql="select * FROM student WHERE id='$id'";
```

```
$res=mysqli_query($con,$sql);
```

```
$row=mysqli_fetch_assoc($res);
```

```
if(isset($_POST['btn'])){\
```

```
    $uid=$_POST['id'];
```

```
    $uname=$_POST['name'];
```

```
    $uage=$_POST['age'];
```

```
    $ugender=$_POST['gender'];
```

```
$ucountry=$_POST['country'];
```

```
    $sqlupdate="Update student SET id='$uid', name='$uname', age=$uage, gender='$ugender',  
country='$ucountry' WHERE id='$uid'";
```

```
    $res=mysqli_query($con,$sqlupdate);
```

```

        if(mysqli_query($con, $sqlupdate)){
            echo 'insert success';
        }
    }
?>

<html>

    <head>

        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

    </head>

    <body>

        <div>

            <form action="" method="post" enctype="multipart/form-data">

                <table>

                    <tr>

                        <td><label>ID</label></td><br>

                        <td><input type="text" name="id" value="<?php echo $row["id"] ?>"
required></td><br><br>

                    </tr>

                    <tr>

                        <td><label>Name</label></td><br>

                        <td><input type="text" name="name" value="<?php echo
$row["name"] ?>" required></td><br><br>

                    </tr>

                    <tr>

                        <td><label>Age</label></td><br>

```

```

        <td><input type="number" name="age" value="<?php echo
$row["age"] ?>" required></td><br><br>

    </tr>

    <tr>

        <td><label>Gender</label></td><br>

        <td><input type="text" name="gender" value="<?php echo
$row["gender"] ?>" required></td><br><br>

    </tr>

    <tr>

        <td><label>Country</label></td><br>

        <td><input type="text" name="country" value="<?php echo
$row["country"] ?>" required></td><br><br>

    </tr>

</table>

<br><br>

<input type="submit" name="btn" value="Update Info">

</form>

</div>

</body>

</html>

```

| + Options |       |     |        |            |                   |   |
|-----------|-------|-----|--------|------------|-------------------|---|
| name      | id    | age | gender | country    | image             | 1 |
| 123       | s     | 45  | female | canada     | Chrysanthemum.jpg |   |
| sh        | 102   | 23  | male   | bangladesh | Chrysanthemum.jpg |   |
| gy        | 29777 | 20  | male   | bangladesh | download (1).jpg  |   |
| sd        | 22    | 34  | male   | bangladesh | download (1).jpg  |   |
| sahed     | 064   | 20  | male   | bangladesh | download (1).jpg  |   |
| df        | 456   | 26  | male   | us         | Hydrangeas.jpg    |   |
| 124       | sam   | 45  | male   | us         | Jellyfish.jpg     |   |
| raj       | 228   | 21  | male   | canada     | Lighthouse.jpg    |   |

|  |        |
|--|--------|
| ID   | 456    |
| Name                                       | dia    |
| Age  | 26     |
| Gender                                     | female |
| Country                                    | us     |
| <input type="button" value="Update Info"/> |        |

| + Options |       |     |        |            |                   |   |
|-----------|-------|-----|--------|------------|-------------------|---|
| name      | id    | age | gender | country    | image             | 1 |
| 123       | s     | 45  | female | canada     | Chrysanthemum.jpg |   |
| sh        | 102   | 23  | male   | bangladesh | Chrysanthemum.jpg |   |
| gy        | 29777 | 20  | male   | bangladesh | download (1).jpg  |   |
| sd        | 22    | 34  | male   | bangladesh | download (1).jpg  |   |
| sahed     | 064   | 20  | male   | bangladesh | download (1).jpg  |   |
| dia       | 456   | 26  | female | us         | Hydrangeas.jpg    |   |
| 124       | sam   | 45  | male   | us         | Jellyfish.jpg     |   |
| raj       | 228   | 21  | male   | canada     | Lighthouse.jpg    |   |

**Delete.php:** User can delete any row of information of data base. Delete.php sends the id to the deletesave.php file and this file is executed this action.

Delete.php

```
<?php

$con=mysqli_connect('localhost','root','','p11');

$sql="select * FROM student";

$res=mysqli_query($con,$sql);

?>

<html>

<body>

<table border="1">

<tr>

    <td>Student</td>

    <td>Name</td>

    <td>Age</td>

    <td>Gender</td>

    <td>Country</td>

    <td>Image</td>

    <td>Action</td>

</tr>

<?php

while($row=mysqli_fetch_assoc($res))

{

?>

<tr>

    <td> <?php echo $row["id"]; ?> </td>
```



```

<td> <?php echo $row["name"]; ?> </td>

<td> <?php echo $row["age"];?> </td>

<td> <?php echo $row["gender"];?> </td>

<td> <?php echo $row["country"];?> </td>

<td>" style="width:50px;height:40px;"> </td>
<!-- call the image from image

```

folder using the name of image which is store

in database-->

```

<td><a href="deletesave.php?id=<?php echo $row["id"]?>">DELETE</a></td>


</tr>

<?php
}

?>

```

← → ↻ ⓘ localhost/p11/delete.php

| Student | Name  | Age | Gender | Country    | Image   | Action                 |
|---------|-------|-----|--------|------------|---|------------------------|
| 228     | raj   | 21  | male   | canada     |  | <a href="#">DELETE</a> |
| s       | 123   | 45  | female | canada     |  | <a href="#">DELETE</a> |
| sam     | 124   | 45  | male   | us         |  | <a href="#">DELETE</a> |
| 456     | dia   | 26  | female | us         |  | <a href="#">DELETE</a> |
| 29777   | gy    | 20  | male   | bangladesh |  | <a href="#">DELETE</a> |
| 22      | sd    | 34  | male   | bangladesh |  | <a href="#">DELETE</a> |
| 102     | sh    | 23  | male   | bangladesh |  | <a href="#">DELETE</a> |
| 064     | sahed | 20  | male   | bangladesh |  | <a href="#">DELETE</a> |

**Deletesave.php:** deletesave.php is received the id and delete the row of data.

```

<?php

$con=mysqli_connect('localhost','root','','p11');

$id=$_GET['id'];

```

```
$sql="DELETE FROM student WHERE id='$did'";
```

```
mysqli_query($con,$sql);
```

```
?>
```

**Database:** Install the xampp. Start the Apache and Mysql from xampp. Go to the localhost/phpmyadmin. Create a database, new->database name-> create-> table name->go-> fill name, type, length.

Database name: p11 ; Table name: student; Table attribute: id (VARCHAR), name (text), age (INT), gender (VARCHAR), country (VARCHAR), image(VARCHAR)

| #                          | Name    | Type         | Collation         | Attributes | Null | Default | Comm |
|----------------------------|---------|--------------|-------------------|------------|------|---------|------|
| <input type="checkbox"/> 1 | name    | text         | latin1_swedish_ci |            | No   | None    |      |
| <input type="checkbox"/> 2 | id      | varchar(20)  | latin1_swedish_ci |            | No   | None    |      |
| <input type="checkbox"/> 3 | age     | int(3)       |                   |            | No   | None    |      |
| <input type="checkbox"/> 4 | gender  | varchar(20)  | latin1_swedish_ci |            | No   | None    |      |
| <input type="checkbox"/> 5 | country | varchar(20)  | latin1_swedish_ci |            | No   | None    |      |
| <input type="checkbox"/> 6 | image   | varchar(200) | latin1_swedish_ci |            | No   | None    |      |

| + Options |       |     |        |            |                   |     |
|-----------|-------|-----|--------|------------|-------------------|-----|
| name      | id    | age | gender | country    | image             | ▲ 1 |
| 123       | s     | 45  | female | canada     | Chrysanthemum.jpg |     |
| sh        | 102   | 23  | male   | banglasesh | Chrysanthemum.jpg |     |
| gy        | 29777 | 20  | male   | banglasesh | download (1).jpg  |     |
| sd        | 22    | 34  | male   | banglasesh | download (1).jpg  |     |
| sahed     | 064   | 20  | male   | banglasesh | download (1).jpg  |     |
| dia       | 456   | 26  | female | us         | Hydrangeas.jpg    |     |
| 124       | sam   | 45  | male   | us         | Jellyfish.jpg     |     |
| raj       | 228   | 21  | male   | canada     | Lighthouse.jpg    |     |