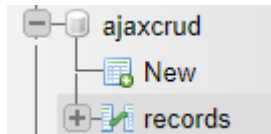Alfie Bernard Agus
Mark Alvin Doctor
Erwin Eugenio
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Documentation for Ajax Activity

Database:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
☐	1	id 🔑	int(11)			No	None		AUTO_INCREMENT	🖉 Change	⊖ Drop	More
☐	2	name	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change	⊖ Drop	More
☐	3	age	int(11)			No	None			🖉 Change	⊖ Drop	More
☐	4	course	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change	⊖ Drop	More

←T→				id	name	age	course
☐	🖉 Edit	⊒ Copy	⊖ Delete	1	Alfie Bernard Agus	21	BSIT
☐	🖉 Edit	⊒ Copy	⊖ Delete	2	Kristian Cansino	21	BSiT
☐	🖉 Edit	⊒ Copy	⊖ Delete	3	Mark Alvin Doctor	21	BSIT

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index.php:

```php
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <meta charset="utf-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1">
6       <title>jQuery & AJAX Introduction | PHP</title>
7       <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">
8       <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-xOolHFLEh07PJGoPkLv1IbcE
9       <script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+
10      <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-Fy6S3B9q64WdZWQUiU+q4/2Lc9npb8tCaSX
11      <style type="text/css">
12          body{
13              background-color: #2e2e2e;
14          }
15          .container{
16              top:50%;
17              left:50%;
18              transform:translate(-50%,-50%);
19              position: absolute;
20          }
21      </style>
22  </head>
23  <body>
24      <div class="container" id="viewRecords">
25          <table class="table table-bordered table-hover table-dark table-sm text-center">
26              <thead class="thead-light">
27                  <tr>
28                      <th>ID</th>
29                      <th>Name</th>
30                      <th>Age</th>
31                      <th>Course</th>
32                      <th>Actions</th>
33                  </tr>
34              </thead>
35              <tbody class="tbody">
36              </tbody>
37          </table>
38          <button class="btn btn-outline-primary float-right" data-toggle='modal' data-target='#create'>ADD</button>
39      </div>
40
41  <div class="modal fade" id="update" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
42    <div class="modal-dialog" role="document">
43      <div class="modal-content">
44        <div class="modal-header">
45          <h5 class="modal-title" id="exampleModalLabel">jQuery & AJAX Introduction | PHP</h5>
46          <button type="button" class="close" data-dismiss="modal" aria-label="Close">
47            <span aria-hidden="true">&times;</span>
48          </button>
49        </div>
50        <div class="modal-body">
51          <form id="editForm">
52          <h3>Edit Records</h3>
53          <input type="number" class="form-control" name="id" placeholder="ID"><br>
54          <input type="text" class="form-control" name="name" placeholder="Name" required><br>
55          <input type="number" class="form-control" name="age" placeholder="Age" required><br>
56          <input type="text" class="form-control" name="course" placeholder="Course" required><br>
57          <button class="btn btn-outline-primary">Confirm</button>
58        </form>
59        </div>
60        <div class="modal-footer">
61          <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
62        </div>
63      </div>
64    </div>
65  </div>
66
67
68
69  <div class="modal fade" id="create" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
70    <div class="modal-dialog" role="document">
71      <div class="modal-content">
72        <div class="modal-header">
73          <h5 class="modal-title" id="exampleModalLabel">jQuery & AJAX Introduction | PHP</h5>
74          <button type="button" class="close" data-dismiss="modal" aria-label="Close">
```

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index.php:

```
75              <span aria-hidden="true">&times;</span>
76            </button>
77          </div>
78          <div class="modal-body">
79            <form id="addForm">
80              <h3>Add New Record</h3>
81              <input type="number" class="form-control" name="id" placeholder="ID"><br>
82              <input type="text" class="form-control" name="name" placeholder="Name" required><br>
83              <input type="number" class="form-control" name="age" placeholder="Age" required><br>
84              <input type="text" class="form-control" name="course" placeholder="Course" required><br>
85              <button class="btn btn-outline-success">Create</button>
86            </form>
87          </div>
88          <div class="modal-footer">
89            <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
90          </div>
91        </div>
92      </div>
93    </div>
94
95
96
97
98
99
100
101
102
103
104    <script type="text/javascript" src="js/jquery.min.js"></script>
105    <script src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
106    <script type="text/javascript" src="js/script.js"></script>
107  </body>
108  </html>
```

connect.php:

```php
1  <?php
2      class db{
3
4          public $servername = 'localhost';
5          public $username = 'root';
6          public $password = '';
7          public $dbname = 'ajaxamir';
8
9          public function conn() {
10             $conn = mysqli_connect($this->servername,$this->username,$this->password,$this->dbname);
11
12             if(!$conn)
13                 die('Could not connect' .$conn->error);
14
15             return $conn;
16         }
17     }
18  ?>
```

createRecord.php:

```php
config > createRecord.php
1  <?php
2      require("connect.php");
3
4      $db = new db;
5      $conn = $db->conn();
6
7      $id = $_POST['id'];
8      $name = $_POST['name'];
9      $age = $_POST['age'];
10     $course = $_POST['course'];
11
12     $query = "INSERT INTO records VALUES ('$id', '$name', '$age', '$course')";
13     mysqli_query($conn, $query);
14  ?>
```

deleteRecord.php:

```php
config > deleteRecord.php
1  <?php
2      require("connect.php");
3
4      $db = new db;
5      $conn = $db -> conn();
6
7      $id = $_GET['id'];
8      $query = "DELETE FROM records WHERE id = $id";
9      mysqli_query($conn,$query);
10  ?>
```

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updateRecord.php:

```php
config > updateRecord.php
1   <?php
2       require("connect.php");
3
4       $db = new db();
5       $conn = $db->conn();
6
7       $id = $_POST['id'];
8       $name = $_POST['name'];
9       $age = $_POST['age'];
10      $course = $_POST['course'];
11
12      $query = "UPDATE records Set name = '$name' , age = '$age', course = '$course' WHERE id = '$id'";
13      mysqli_query($conn, $query);
14
15  ?>
```

viewRecord.php:

```php
config > viewRecord.php
1   <?php
2       require ("connect.php");
3
4       $db = new db;
5       $conn = $db->conn();
6
7       $id = $_GET['id'];
8       $query = "SELECT * FROM records WHERE id = $id";
9       $results = mysqli_query($conn,$query);
10      $data = mysqli_fetch_array($results);
11      echo json_encode($data);
12  ?>
```

viewRecords.php:

```php
config > viewRecords.php
1   <?php
2       require("connect.php");
3
4
5       $db = new db;
6       $conn = $db -> conn();
7
8       $query = "SELECT * FROM records";
9       $results = mysqli_query($conn,$query);
10
11      while($row = mysqli_fetch_array($results)){
12          echo "<tr>"
13              ."<td>".$row['id']."</td>"
14              ."<td>".$row['name']."</td>"
15              ."<td>".$row['age']."</td>"
16              ."<td>".$row['course']."</td>"
17              ."<td>"
18              ."<button id='edit' class='btn btn-outline-warning m-1' data-toggle='modal' data-target='#update' value='".$row['id']."'>EDIT</button>"
19              ."<button id='delete' class='delete btn btn-outline-danger m-1' value='".$row['id']."'>DELETE</button>"
20              ."</td>"
21              ."</tr>";
22
23      }
24
25
26  ?>
```

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script.js:

```javascript
$(document).ready(function(){
    function displayAll(){
        $.ajax({
            type: 'GET',
            url: 'config/viewRecords.php',
            dataType: 'text',
            success: function(data, status, xhr){
                $("#viewRecords .tbody").html(data);
            },
            error: function(xhr, status, error){
                $message = "<h1>" + xhr['status'] + " " + error + "</h1>";
                $("body").html($message);
            }
        });
    }
    displayAll();

    $(document).on('click', '#edit', function(e){
        var id = e.target.value;
        $.ajax({
            type: 'GET',
            url: 'config/viewRecord.php?id=' + id,
            dataType: 'json',
            success: function(data, status, xhr){
                $("#editForm [name='id']").val(data["id"]);
                $("#editForm [name='name']").val(data["name"]);
                $("#editForm [name='age']").val(data["age"]);
                $("#editForm [name='course']").val(data["course"]);
            },
            error: function(xhr, status, error){
                $message = "<h1>" + xhr['status'] + " " + error + "</h1>";
                $("body").html($message);
            }
        })
    });

    $(document).on('click', '#delete', function(e){
        var id = e.target.value;
        $.ajax({
            type: 'GET',
            url: 'config/deleteRecord.php?id=' + id,
            success: function(data, status, xhr){
                displayAll();
            },
            error: function(xhr, status, error){
                $message = "<h1>" + xhr['status'] + " " + error + "</h1>";
                $("body").html($message);
            }
        })
    });

    $('#editForm').submit(function(e){
        var data = $(this).serialize();
        e.preventDefault();
        $.ajax({
            type: 'POST',
            url: 'config/updateRecord.php',
            data: data,
            success: function(data, status, xhr){
                displayAll();
            },
            error: function(xhr, status, error){
                $message = "<h1>" + xhr['status'] + " " + error + "</h1>";
                $("body").html($message);
            }
        })
    });

    $('#addForm').submit(function(e){
        var data = $(this).serialize();
        e.preventDefault();
        $.ajax({
            type: 'POST',
            url: 'config/createRecord.php',
            data: data,
            success: function(data, status, xhr){
                displayAll();
            },
            error: function(xhr, status, error){
                $message = "<h1>" + xhr['status'] + " " + error + "</h1>";
                $("body").html($message);
            }
        })
    });
});
```

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Output:

ID	Name	Age	Course	Actions
1	Alfie Bernard Agus	21	BSIT	EDIT DELETE
2	Kristian Cansino	21	BSiT	EDIT DELETE
3	Mark Alvin Doctor	21	BSIT	EDIT DELETE

ADD

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Edit Records

1

Alfie Bernard Agus

21

BSIT

Confirm

Close

ID	Name			Actions
1	Alfie Bernard Agu			EDIT DELETE
2	Kristian Cansino			EDIT DELETE
3	Mark Alvin Doctor			EDIT DELETE

ADD

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Add New Record

ID

Name

Age

Course

Create

Close

ID	Name			Actions
1	Alfie Bernard Agu			EDIT DELETE
2	Kristian Cansino			EDIT DELETE
3	Mark Alvin Doctor			EDIT DELETE

ADD