



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

Ketentuan;

Simpanlah file lembar jawaban ini dengan format; **Kelas_Nama Lengkap**

Contoh; **TI 2A_Elok Nur Hamdana**

Upload tugas jobsheet ini dengan batas maksimum sesuai jadwal perkuliahan masing masing kelas

Upload file tugas jobsheet di website **lms.polinema**

Nama	:	AL AZHAR RIZQI RIFA'I FIRDAUS
Nim	:	2241720263
Kelas	:	TI 2I

Tulislah Jawaban Pada Kolom Yang tersedia di bawah ini;

LEMBAR JAWABAN JOBSHEET- 10: PHP – CRUD & Bootstrap

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Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

```
connection.php x index.php style.css
php > connection.php > ...
1 <?php
2
3 $connection = mysqli_connect("localhost","root","","dasweb");
4
5 if (mysqli_connect_errno()) {
6     die("Connection failed: " . mysqli_connect_error());
7 }
8
9 ?>
```

```
connection.php index.php x style.css
php > index.php > html > body > script > konfirmasiHapus
1 <!DOCTYPE html>
2 <html>
3     <head>
4         <title>Data Anggota</title>
5         <link rel="stylesheet" href="../css/style.css">
6     </head>
7     <body>
8         <div class="container">
9             <h2>Data Anggota</h2>
10            <a href="create.php" class="btn-tambah">Tambah Anggota</a>
11            <?php
12                include('connection.php');
13
14                $query = "SELECT * FROM anggota order by id desc";
15                $result = mysqli_query($connect, $query);
16
17                if (mysqli_num_rows($result) > 0) {
18                    $no = 1;
19                    echo "<table>";
20                    echo "<tr><th>No</th><th>Nama</th><th>Jenis Kelamin</th>";
21
22                    <th>Alamat</th><th>No. Telp</th><th>Aksi</th></tr>";
23                    while ($row = mysqli_fetch_array($result)) {
24                        $kelamin = $row['jenis_kelamin'] == 'P' ?
25                            'Perempuan' : 'Laki-laki';
26                        echo "<tr>";
27                            <td>" . $no++ . "</td><td>" . $row
28                                ['nama'] . "</td>";
29                            <td>" . $kelamin . "</td><td>" . $row
30                                ['alamat'] . "</td>";
31                            <td>" . $row['no_telp'] . "</td>";
32                            <td><a href='edit.php?id=' . $row['id'] .
33                                "'>Edit</a> |
34                            <a href='#' onclick='konfirmasiHapus(" .
35                                $row['id'] . ", \"\" . $row['nama'] . \"\" )
36                                '>Hapus</a></td>";
37                        echo "</tr>";
38                    }
39                    echo "</table>";
```



```
33     } else {  
34         echo "Data tidak ada";  
35     }  
36     mysqli_close($connect);  
37     ?>  
38 </div>  
39 <script>  
40     function konfirmasiHapus(id, nama) {  
41         var konfirmasi = confirm("Apakah Anda yakin ingin  
42         menghapus " + nama + "?");  
43         if (konfirmasi) {  
44             window.location.href = 'process.php?aksi=hapus&  
45             id=' + id;  
46         }  
47     }  
48 </script>  
49 </body>  
50 </html>
```



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```
connection.php index.php style.css x
css > style.css > .btn-kembali
1 body {
2   font-family: Arial, sans-serif;
3   background-color: #f2f2f2;
4 }
5
6 .container {
7   max-width: 600px;
8   margin: 0 auto;
9   padding: 20px;
10  background-color: #fff;
11  border-radius: 5px;
12  box-shadow: 0 0 5px #888888;
13 }
14
15 h2 {
16   text-align: center;
17 }
18
19 table {
20   width: 100%;
21   border-collapse: collapse;
22   margin-top: 20px;
23 }
24
25 table, th, td {
26   border: 1px solid #ddd;
27 }
28
29 th, td {
30   padding: 8px;
31   text-align: left;
32 }
33
34 th {
35   background-color: #f2f2f2;
36 }
37
38 .btn-tambah {
39   display: inline-block;
40   background-color: #4caf50;
```



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Jobsheet-10: PHP – CRUD & Bootstrap

Mata Kuliah Desain dan Pemrograman Web

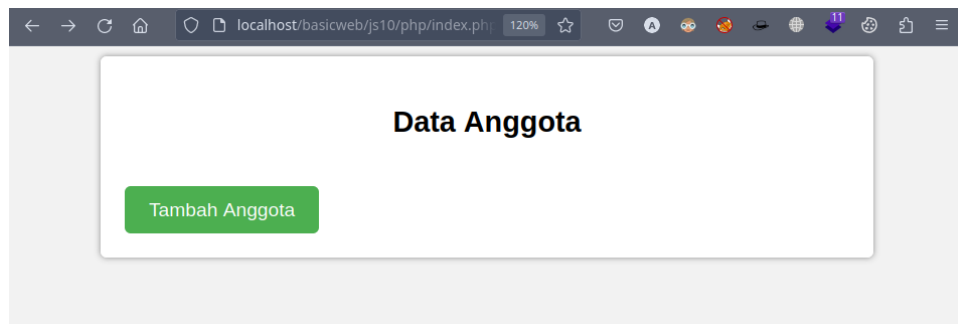
Pengampu: Tim Ajar Desain dan Pemrograman Web

Agustus 2020

```
41     color: white;
42     padding: 10px 20px;
43     text-align: center;
44     text-decoration: none;
45     font-size: 16px;
46     margin-top: 20px;
47     border: none;
48     cursor: pointer;
49     border-radius: 5px;
50 }
51
52 .btn-tambah:hover {
53     background-color: #45a049;
54 }
55
56 form {
57     margin-top: 20px;
58 }
59
60 label {
61     display: block;
62     font-weight: bold;
63 }
64
65 input[type="text"] {
66     width: 95%;
67     padding: 10px;
68     margin-bottom: 10px;
69     border: 1px solid #ccc;
70     border-radius: 3px;
71 }
72
73 .radio-group label {
74     display: inline;
```



```
75     margin-right: 20px;
76 }
77
78 input[type="radio"] {
79     margin-right: 5px;
80 }
81
82 button[type="submit"], .btn-kembali {
83     text-decoration: none;
84     background-color: #4caf50;
85     color: white;
86     padding: 10px 20px;
87     border: none;
88     border-radius: 5px;
89     cursor: pointer;
90 }
91
92 button[type="submit"]:hover, .btn-kembali:hover {
93     background-color: #45a049;
94 }
95
96 .btn-kembali {
97     background-color: #e74c3c;
98 }
```



- In the code to create a CRUD form program with the main file, index.php and also add styles to the css file to add to the appearance of the form.



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

2.1

```
php > create.php > html > body > div.container.mt-4
1  <!DOCTYPE html>
2  <html>
3
4  <head>
5      <title>Tambah Data Anggota</title>
6      <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/
bootstrap/4.5.2/css/bootstrap.min.css">
7      <link rel="stylesheet" href="../css/style.css">
8  </head>
9
10 <body>
11     <div class="container mt-4">
12         <h2>Tambah Data Anggota</h2>
13         <form action="process.php?aksi=tambah" method="post">
14             <div class="form-group">
15                 <label for="nama">Nama</label>
16                 <input type="text" class="form-control" name="nama"
id="nama" required>
17             </div>
18             <div class="form-group">
19                 <label for="jenis_kelamin">Jenis Kelamin</label><br>
20                 <div class="form-check">
21                     <input type="radio" class="form-check-input"
name="jenis_kelamin" id="laki-laki" value="L"
required>
22                     <label for="laki-laki"
class="form-check-label">Laki-laki</label>
23                 </div>
24                 <div class="form-check">
25                     <input type="radio" class="form-check-input"
name="jenis_kelamin" id="perempuan" value="P"
required>
26                     <label for="perempuan"
class="form-check-label">Perempuan</label>
27                 </div>
28             </div>
29             <div class="form-group">
30                 <label for="alamat">Alamat</label>
31                 <input type="text" class="form-control"
name="alamat" id="alamat" required>
32             </div>
33             <div class="form-group">
34                 <label for="no_telp">No. Telp</label>
35                 <input type="text" class="form-control"
name="no_telp" id="no_telp" required>
36             </div>
37             <button type="submit" class="btn btn-primary">Simpan
Data</button>
38         </form>
39
40         <a class="btn btn-secondary mt-2" href="index.php">Kembali</a>
41     </div>
42 </body>
43 </html>
```



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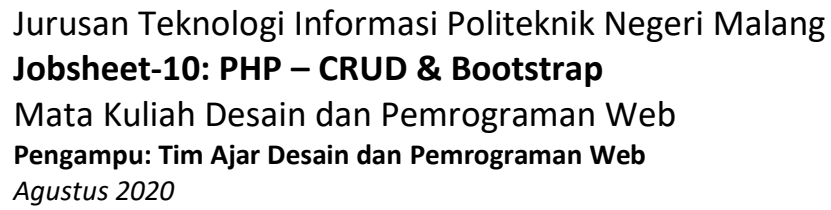
Jobsheet-10: PHP – CRUD & Bootstrap

Mata Kuliah Desain dan Pemrograman Web

Pengampu: Tim Ajar Desain dan Pemrograman Web

Agustus 2020

```
php > process.php > ...
1  <?php
2  include('connection.php');
3
4  $aksi = $_GET['aksi'];
5  $nama = $_POST['nama'];
6  $jenis_kelamin = $_POST['jenis_kelamin'];
7  $alamat = $_POST['alamat'];
8  $no_telp = $_POST['no_telp'];
9
10 if ($aksi == 'tambah') {
11     $query = "INSERT INTO anggota (nama, jenis_kelamin, alamat,
12         no_telp) VALUES ('$nama', '$jenis_kelamin', '$alamat', '$no_telp')
13         ";
14     if (mysqli_query($connection, $query)) {
15         header('Location: index.php');
16         exit();
17     } else {
18         echo "Gagal menambahkan data : " . mysqli_error($connection);
19     }
20 }
21
22 mysqli_close($connection);
23
24 ?>
```

The screenshot shows a web browser window with the address bar displaying 'localhost/basicweb/js10/php/index.php'. The page content includes a heading 'Data Anggota' and a green button labeled 'Tambah Anggota'. Below the button is a table with the following data:

No	Nama	Jenis Kelamin	Alamat	No. Telp	Aksi
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	JL. Sukarno Hatta No.9	+628951286478	Edit Hapus

- The code is used to add data, if the add data button is pressed, it will go to the create.php file and then the results of the form input in the file are sent to the database by the process.php file and will be displayed in the index.php file.



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

3.1

```
php > edit.php > html > body > div.container.mt-4 > form > div.form-group
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Edit Data Anggota</title>
5 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/
  bootstrap/4.5.2/css/bootstrap.min.css">
6 <link rel="stylesheet" href="../css/style.css">
7 </head>
8 <body>
9 <?php
10 include('connection.php');
11 $id = $_GET['id'];
12 $query = "SELECT * FROM anggota WHERE id = $id";
13 $result = mysqli_query($connection, $query);
14 $row = mysqli_fetch_assoc($result);
15 mysqli_close($connection);
16 ?>
17 <div class="container mt-4">
18 <h2>Edit Data Anggota</h2>
19 <form action="process.php?aksi=ubah" method="post">
20 <input type="hidden" name="id" value="<?php echo $row
  ['id']; ?>">
21 <div class="form-group">
22 <label for="nama">Nama:</label>
23 <input type="text" class="form-control"
  name="nama" id="nama" value="<?php echo $row
  ['nama']; ?>" required>
24 </div>
25 <div class="form-group">
26 <label for="jenis_kelamin">Jenis Kelamin:</label>
27 <div class="form-check">
28 <input type="radio" class="form-check-input"
  name="jenis_kelamin" value="L" id="laki" <?
  php echo ($row['jenis_kelamin'] === 'L') ?
  "checked" : ""; ?> required>
29 <label class="form-check-label"
  for="laki">Laki-laki</label>
30 </div>
31 <div class="form-check">
32 <input type="radio" class="form-check-input"
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

```
33         name="jenis_kelamin" value="P" id="perempuan"
34         <?php echo ($row['jenis_kelamin'] == 'P') ?
35         "checked" : ""; ?> required>
36         <label class="form-check-label"
37         for="perempuan">Perempuan</label>
38     </div>
39 </div>
40 <div class="form-group">
41     <label for="alamat">Alamat:</label>
42     <input type="text" class="form-control"
43     name="alamat" id="alamat" value="<?php echo $row
44     ['alamat']; ?>" required>
45 </div>
46 <div class="form-group">
47     <label for="no_telp">No. HP:</label>
48     <input type="text" class="form-control"
49     name="no_telp" id="no_telp" value="<?php echo $row
50     ['no_telp']; ?>" required>
51 </div>
52 <button type="submit" class="btn btn-primary">Simpan
53 Perubahan</button>
54 </form>
55 <a class="btn btn-kembali mt-3 href="index.php">Kembali</a>
56 </div>
57 </body>
58 </html>
```

```
19 } else if ($aksi == 'ubah') {
20     if (isset($_POST['id'])) {
21         $id = $_POST['id'];
22         $query = "UPDATE anggota SET nama = '$nama', jenis_kelamin =
23         '$jenis_kelamin', alamat = '$alamat', no_telp = '$no_telp'
24         WHERE id = '$id'";
25         if (mysqli_query($connection, $query)) {
26             header('Location: index.php');
27             exit();
28         } else {
29             echo "Gagal mengubah data : " . mysqli_error($connection);
30         }
31     } else {
32         echo "Gagal mengubah data : ID tidak ditemukan";
33     }
34 }
35
36 mysqli_close($connection);
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
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Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
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← → ↺ 🏠 🔍 localhost/basicweb/js10/php/index.php 120% ☆ 📧 🌐 📱 📺 📷 📹 📽 📖 📄 📋 📌 📍 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶

Data Anggota

Tambah Anggota

No	Nama	Jenis Kelamin	Alamat	No. Telp	Aksi
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	JL. Sukarno Hatta No.9	+628951286478	Edit Hapus

← → ↺ 🏠 🔍 localhost/basicweb/js10/php/edit.php 120% ☆ 📧 🌐 📱 📺 📷 📹 📽 📖 📄 📋 📌 📍 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶

Edit Data Anggota

Nama:

Jenis Kelamin:
☒ Laki-laki
☐ Perempuan

Alamat:

No. HP:

Simpan Perubahan

[Kembali](#)



Tambah Anggota					
No	Nama	Jenis Kelamin	Alamat	No. Telp	Aksi
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	Malang	+628951286478	Edit Hapus

- The code is the code to make edits to the results of the data that has been inputted by adding a new file, namely edit.php and by adding code to process the results of editing in the process.php file.



4.1	<pre>32 } else if (\$aksi === 'hapus') { 33 if (isset(\$_GET['id'])) { 34 \$id = \$_GET['id']; 35 \$query = "DELETE FROM anggota WHERE id = '\$id'"; 36 if (mysqli_query(\$connection, \$query)) { 37 header('Location: index.php'); 38 exit(); 39 } else { 40 echo "Gagal menghapus data : " . mysqli_error 41 (\$connection); 42 } 43 } else { 44 echo "Gagal menghapus data : ID tidak ditemukan"; 45 } 46 } else { 47 header('Location: index.php'); 48 } 49 50 mysqli_close(\$connection); 51</pre>
-----	--

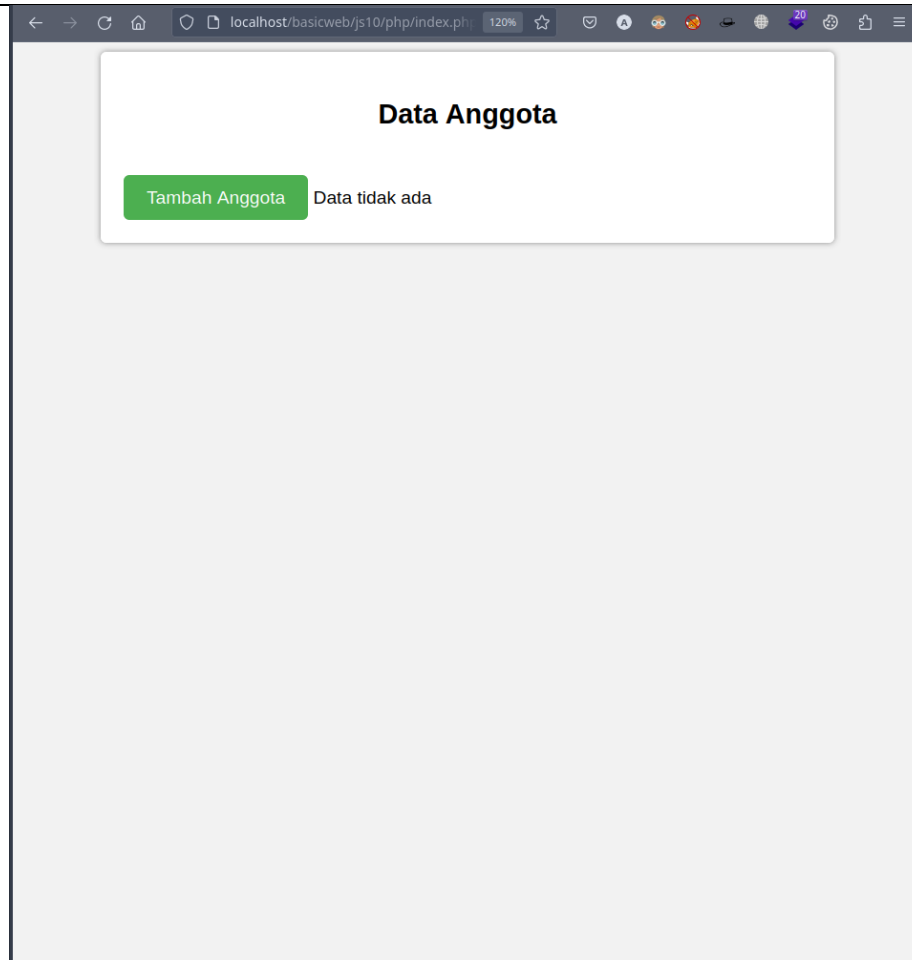


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Jobsheet-10: PHP – CRUD & Bootstrap
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The screenshot shows a web browser window with the address bar displaying `localhost/basicweb/js10/php/index.php`. The page content is titled "Data Anggota" and includes a green button labeled "Tambah Anggota". Below this is a table with the following data:

No	Nama	Jenis Kelamin	Alamat	No. Telp	Aksi
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	Malang	+628951286478	Edit Hapus

A modal dialog box is displayed in the center of the screen, asking for confirmation to delete the member. The dialog text is: "Apakah Anda yakin ingin menghapus AL AZHAR RIZQI RIFAI FIRDAUS?". It has two buttons: "Cancel" and "OK".



- In this code is the code to delete the data that has been added by adding code to the process.php file to handle the process of the "delete" action.



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

5.1

```
php > index.php > html > body > div.container.mt=4 > table.table > thead.thead-light > tr > th  
1 <!DOCTYPE html>  
2 <html>  
3  
4 <head>  
5 <title>Data anggota</title>  
6 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">  
7 </head>  
8  
9 <body>  
10 <div class="container mt=4">  
11 <h2>Data Anggota</h2>  
12 <a class="btn btn-success mt=2" href="create.php">Tambah Data</a>  
13 <br><br>  
14 <?php  
15 include('connection.php');  
16 $query = "SELECT * FROM anggota order by id desc";  
17 $result = mysqli_query($connection, $query);  
18 <?>  
19 <table class="table">  
20 <thead class="thead-light">  
21 <tr>  
22 <th>No</th>  
23 <th>Nama</th>  
24 <th>Jenis Kelamin</th>  
25 <th>Alamat</th>  
26 <th>No. Telp</th>  
27 <th>Aksi</th>  
28 </tr>  
29 </thead>  
30 <tbody>  
31 <?php  
32 $no = 1;  
33 while ($row = mysqli_fetch_assoc($result)) {  
34 $kelamin = ($row['jenis_kelamin'] == 'P') ? 'Perempuan' : 'Laki-laki';  
35 <?>  
36 <tr>  
37 <td><?= $no++ ></td>  
38 <td><?= $row['nama'] ></td>  
39 <td><?= $kelamin ></td>  
40 <td><?= $row['alamat'] ></td>  
41 <td><?= $row['no_telp'] ></td>  
42  
43 <td>  
44 <a class="btn btn-primary" href="edit.php?id=<?= $row['id'] >">Edit</a>  
45 <a class="btn btn-danger" href="#" data-toggle="modal" data-target="#hapusModal<?= $row["id"] >">Hapus</a>  
46 </td>  
47 </tr>  
48 <div class="modal fade" id="hapusModal<?= $row["id"] >" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">  
49 <div class="modal-dialog" role="document">  
50 <div class="modal-content">  
51 <div class="modal-header">  
52 <h5 class="modal-title" id="exampleModalLabel">Konfirmasi Hapus</h5>  
53 <button type="button" class="close" data-dismiss="modal" aria-label="Close">  
54 <span aria-hidden="true">&times;</span>  
55 </button>  
56 </div>  
57 <div class="modal-body">  
58 <?> Apakah anda yakin ingin menghapus data dengan nama " . $row['nama'] . " ? <?>  
59 </div>  
60 <div class="modal-footer">  
61 <a class="btn btn-danger" href="proses.php?aksi=hapus&id=<?= $row["id"] >">Hapus</a>  
62 <button type="button" class="btn btn-secondary data-dismiss="modal">Batal</button>  
63 </div>  
64 </div>  
65 </div>  
66 <?php  
67 }  
68 <?>  
69 </tbody>  
70 </table>  
71 </div>  
72 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>  
73 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>  
74 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>  
75 </body>  
76  
77 </html>
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

- This code is actually the same as the previous index.php code, it's just that this code uses bootstrap assistance to do styling for the file as well as for the javascript.

5.2

```
php > create.php > html > body > div.container-mt-4 > a.btn.btn-secondary.mt-2
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5 <title>Tambah Data Anggota</title>
6 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
7 </head>
8
9 <body>
10 <div class="container mt-4">
11 <h2>Tambah Data Anggota</h2>
12 <form action="process.php?aksi=tambah" method="post">
13 <div class="form-group">
14 <label for="nama">Nama</label>
15 <input type="text" class="form-control" name="nama" id="nama" required>
16 </div>
17 <div class="form-group">
18 <label for="jenis_kelamin">Jenis Kelamin</label><br>
19 <div class="form-check">
20 <input type="radio" class="form-check-input" name="jenis_kelamin" id="laki-laki" value="L" required>
21 <label for="laki-laki" class="form-check-label">Laki-laki</label>
22 </div>
23 <div class="form-check">
24 <input type="radio" class="form-check-input" name="jenis_kelamin" id="perempuan" value="P" required>
25 <label for="perempuan" class="form-check-label">Perempuan</label>
26 </div>
27 </div>
28 <div class="form-group">
29 <label for="alamat">Alamat</label>
30 <input type="text" class="form-control" name="alamat" id="alamat" required>
31 </div>
32 <div class="form-group">
33 <label for="no_telp">No. Telp</label>
34 <input type="text" class="form-control" name="no_telp" id="no_telp" required>
35 </div>
36 <button type="submit" class="btn btn-primary">Simpan Data</button>
37 </form>
38
39 <a class="btn btn-secondary mt-2" href="index.php">Kembali</a>
40 </div>
41
42 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
43 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
44 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
45 </body>
46 </html>
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

<div><p>Tambah Data Anggota</p><p>Nama</p><input type="text"/></div> <div><p>Jenis Kelamin</p><p><input type="radio"/> Laki-laki</p><p><input type="radio"/> Perempuan</p></div> <div><p>Alamat</p><input type="text"/></div> <div><p>No. Telp</p><input type="text"/></div> <div><p><input type="button" value="Simpan Data"/></p><p><input type="button" value="Kembali"/></p></div> <div><p>- This code is a modification to the create.php file to change the code using bootstrap to do styling.</p></div>



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

5.3

```
php > edit.php > html > body > div.container mt-4 > a.btn.btn-secondary mt-3
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Edit Data Anggota</title>
5 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
6 </head>
7 <body>
8 <?php
9 include('connection.php');
10 $id = $_GET['id'];
11 $query = "SELECT * FROM anggota WHERE id = $id";
12 $result = mysqli_query($connection, $query);
13 $row = mysqli_fetch_assoc($result);
14 mysqli_close($connection);
15 ?>
16 <div class="container mt-4">
17 <h2>Edit Data Anggota</h2>
18 <form action="process.php?aksi=ubah" method="post">
19 <input type="hidden" name="id" value="<?php echo $row['id']; ?>">
20 <div class="form-group">
21 <label for="nama">Nama:</label>
22 <input type="text" class="form-control" name="nama" id="nama" value="<?php echo $row['nama']; ?>" required>
23 </div>
24 <div class="form-group">
25 <label for="jenis_kelamin">Jenis Kelamin:</label>
26 <div class="form-check">
27 <input type="radio" class="form-check-input" name="jenis_kelamin" value="L" id="laki" <?php echo ($row
28 ['jenis_kelamin'] == 'L') ? "checked" : ""> ?> required>
29 <label class="form-check-label" for="laki">Laki-laki</label>
30 </div>
31 <div class="form-check">
32 <input type="radio" class="form-check-input" name="jenis_kelamin" value="P" id="perempuan" <?php echo ($row
33 ['jenis_kelamin'] == 'P') ? "checked" : ""> ?> required>
34 <label class="form-check-label" for="perempuan">Perempuan</label>
35 </div>
36 </div>
37 <div class="form-group">
38 <label for="alamat">Alamat:</label>
39 <input type="text" class="form-control" name="alamat" id="alamat" value="<?php echo $row['alamat']; ?>" required>
40 </div>
41 <div class="form-group">
42 <label for="no_telp">No. HP:</label>
43 <input type="text" class="form-control" name="no_telp" id="no_telp" value="<?php echo $row['no_telp']; ?>" required>
44 </div>
45 <button type="submit" class="btn btn-primary">Simpan Perubahan</button>
46 </form>
47 <a class="btn btn-secondary mt-3" href="index.php">Kembali</a>
48 </div>
49 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
50 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
51 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
52 </body>
53 </html>
```

Edit Data Anggota

Nama:

AL AZHAR RIZQI RIFAI FIRDAUS

Jenis Kelamin:

- ☒ Laki-laki
☐ Perempuan

Alamat:

JL. Sukarno Hatta No.9

No. HP:

+628951286478

Simpan Perubahan

Kembali



	<ul style="list-style-type: none">- This code is a modification to the edit.php file to change the code using bootstrap to do styling and the program will be styled in accordance with what is entered in the styling.
6.1	<pre>php >  connection.php > PHP Intelephense >  DB1 1 <?php 2 3 define('HOST', 'localhost'); 4 define('USER', 'root'); 5 define('PASS', ''); 6 define('DB1', 'dasweb'); 7 8 \$db1 = new mysqli(HOST, USER, PASS, DB1); 9 10 ?></pre> <pre>php >  auth.php 1 <?php 2 3 session_start(); 4 if (empty(\$_SESSION['csrf_token'])) { 5 \$_SESSION['csrf_token'] = bin2hex(random_bytes(32)); 6 } 7 8 ?></pre>



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

```
php > indexxx.php > html > body > nav.navbar.navbar-dark.bg-primary > a.navbar-brand
1 <?php
2 include 'auth.php';
3 ?>
4 <!DOCTYPE html>
5 <html lang="en">
6 <head>
7 <meta charset="UTF-8">
8 <meta name="viewport" content="width=device-width, initial-scale=1.0">
9 <!-- Csrf Token -->
10 <meta name="csrf-token" content="<?=$_SESSION['csrf_token'] ?>">
11 <!-- Bootstrap -->
12 <link href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.1.3/css/bootstrap.css" rel="stylesheet">
13 <!-- Font Awesome -->
14 <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css"
    integrity="sha384-fnmoCqbllwljl8lry7o7mouTjSKC4p0Qbqyi7RrN7udi9RhWkKkMhPVLbHG9Sr" crossorigin="anonymous">
15 <!-- DataTable -->
16 <link rel="stylesheet" type="text/css" href="https://cdn.datatables.net/1.10.19/css/dataTables.bootstrap4.min.css">
17 <title>Data Anggota</title>
18 </head>
19 <body>
20
21 <nav class="navbar navbar-dark bg-primary">
22 <a class="navbar-brand" href="indexxx.php" style="color: #fff;">CRUD Dengan Ajax</a>
23 </nav>
24
25 <div class="container">
26 <h2 align="center" style="margin: 30px;">Data Anggota</h2>
27 <form method="post" class="form-data" id="form-data">
28 <div class="row">
29 <div class="col-sm-9">
30 <div class="form-group">
31 <label>Nama</label>
32 <input type="hidden" name="id" id="id">
33 <input type="text" name="nama" id="nama" class="form-control" required="true">
34 </div>
35 </div>
36 <div class="col-sm-3">
37 <div class="form-group">
38 <label>Jenis Kelamin</label><br>
39 <input type="radio" name="jenis kelamin" id="jenkel1" value="L" required="true"> Laki-laki
40 <input type="radio" name="jenis kelamin" id="jenkel2" value="P"> Perempuan
41 </div>
42 </div>
43 </div>
44
45 <div class="form-group">
46 <label>Alamat</label>
47 <textarea name="alamat" id="alamat" class="form-control" required="true"></textarea>
48 </div>
49 <div class="form-group">
50 <label>No Telepon</label>
51 <input type="number" name="no_telp" id="no_telp" class="form-control" required="true">
52 </div>
53 <div class="form-group">
54 <button type="button" name="simpan" id="simpan" class="btn btn-primary">
55 <i class="fa fa-save"></i> Simpan
56 </button>
57 </div>
58 </form>
59 <hr>
60 <div class="data"></div>
61 </div>
62
63 <div class="text-center">
64 <?php echo date("Y"); ?>
65 Copyright: <a href="https://google.com/">Desain Dan Pemrograman Web</a>
66 </div>
67
68 <!-- JQuery -->
69 <script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.min.js"></script>
70 <!-- DataTable -->
71 <script src="https://cdn.datatables.net/1.10.19/js/jquery.dataTables.min.js"></script>
72 <script src="https://cdn.datatables.net/1.10.19/js/dataTables.bootstrap4.min.js"></script>
73 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
74 <script type="text/javascript">
75 $(document).ready(function(){
76 // Mengirimkan Token Keamanan
77 $.ajaxSetup({
78 headers: {
79 'Corf-Token': $('meta[name="csrf-token"]').attr('content')
80 }
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

```
80     }  
81     });  
82     $(''.data').load("data.php");  
83     });  
84 </script>  
85 </body>  
86 </html>  
87
```

```
1 <table id="example" class="table table-striped table-bordered" style="width:100%">  
2 <thead>  
3 <tr>  
4 <td>No</td>  
5 <td>Nama</td>  
6 <td>Jenis Kelamin</td>  
7 <td>Alamat</td>  
8 <td>No. Telp</td>  
9 <td>Action</td>  
10 </tr>  
11 </thead>  
12 <tbody>  
13 <?php  
14 include 'connection.php';  
15 $no = 1;  
16 $query = "SELECT * FROM anggota ORDER BY id DESC";  
17 $sql = $db1->prepare($query);  
18 $sql->execute();  
19 $res1 = $sql->get_result();  
20  
21 if ($res1->num_rows > 0) {  
22     while ($row = $res1->fetch_assoc()) {  
23         $id = $row['id'];  
24         $nama = $row['nama'];  
25         $jenis_kelamin = ($row['jenis_kelamin'] == 'P') ? 'Perempuan' : 'Laki-laki';  
26         $alamat = $row['alamat'];  
27         $no_telp = $row['no_telp'];  
28  
29         <tr>  
30             <td><?php echo $no++; ?></td>  
31             <td><?php echo $nama; ?></td>  
32             <td><?php echo $jenis_kelamin; ?></td>  
33             <td><?php echo $alamat; ?></td>  
34             <td><?php echo $no_telp; ?></td>  
35             <td>  
36                 <button id="<?php echo $id; ?>" class="btn btn-success btn-sm edit_data"> <i class="fa fa-edit"></i> Edit</button>  
37                 <button id="<?php echo $id; ?>" class="btn btn-success btn-sm hapus_data"> <i class="fa fa-trash"></i> Hapus </button>  
38             </td>  
39         </tr>  
40     </tbody>  
41 } else { ?>
```

```
41 } else { ?>  
42 <tr>  
43 <td colspan="7">Tidak ada data ditemukan</td>  
44 </tr>  
45 </tbody>  
46 </table>  
47 <script>  
48 $(document).ready(function() {  
49     $('#example').DataTable();  
50 });  
51 </script>  
52
```




Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

```
php > csrf.php > ...
```

```
1 <?php
2 header('Content-Type: application/json');
3
4 //Mengirim Token Keamanan
5 if (empty($_SESSION['csrf_token'])) {
6     $_SESSION['csrf_token'] = bin2hex(random_bytes(32));
7 }
8
9 $header = apache_request_headers();
10 if (isset($headers['Csrf-Token'])) {
11     if ($headers['Csrf-Token'] != $_SESSION['csrf_token']) {
12         exit(json_encode(['error' => 'Wrong CSRF token.']));
13     }
14 } else {
15     exit(json_encode(['error' => 'No CSRF token.']));
16 }
```

CRUD Dengan Ajax

Data Anggota

Nama Jenis Kelamin ☐ Laki-laki ☐ Perempuan

Alamat

No Telepon

Show: 10 entries Search:

No	Nama	Jenis Kelamin	Alamat	No. Telp	Action
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	JL. Sukarno Hatta No.9	+628951286478	<input type="button" value="Edit"/> <input type="button" value="Hapus"/>

Showing 1 to 1 of 1 entries

Previous [1](#) Next

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- The code above is the code to create a CRUD form program by using ajax to reload data so that the application does not need to load when saving data or there is a data update and adding security using csrf token. data or there is data update and add security using csrf token.



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

6.2

```
<p class="text-danger" id="err_nama"></p>
</div>
</div>
<div class="col-sm-3">
  <div class="form-group">
    <label>Jenis Kelamin</label><br>
    <input type="radio" name="jenis_kelamin" id="jenkel" value="L" required="true"> Laki-laki
    <input type="radio" name="jenis_kelamin" id="jenkel2" value="P"> Perempuan
    <p class="text-danger" id="err_jenis_kelamin"></p>
  </div>
</div>
</div>
<div class="form-group">
  <label>Alamat</label>
  <textarea name="alamat" id="alamat" class="form-control" required="true"></textarea>
  <p class="text-danger" id="err_alamat"></p>
</div>
<div class="form-group">
  <label>No Telepon</label>
  <input type="number" name="no_telp" id="no_telp" class="form-control" required="true">
  <p class="text-danger" id="err_no_telp"></p>
</div>
```

```
90 $( "#simpan" ).click(function() {
91   var data = $('#form-data').serialize();
92   var jenkel = document.getElementById("jenkel").value;
93   var jenkel2 = document.getElementById("jenkel2").value;
94   var nama = document.getElementById("nama").value;
95   var alamat = document.getElementById("alamat").value;
96   var no_telp = document.getElementById("no_telp").value;
97
98   if (nama == "") {
99     document.getElementById("err_nama").innerHTML = "Nama Harus Diisi!";
100   } else {
101     document.getElementById("err_nama").innerHTML = "";
102   }
103
104   if (alamat == "") {
105     document.getElementById("err_alamat").innerHTML = "Alamat Harus Diisi!";
106   } else {
107     document.getElementById("err_alamat").innerHTML = "";
108   }
109
110   if (document.getElementById("jenkel").checked == false && document.getElementById("jenkel2").checked == false) {
111     document.getElementById("err_jenis_kelamin").innerHTML = "Jenis Kelamin Harus Dipilih!";
112   } else {
113     document.getElementById("err_jenis_kelamin").innerHTML = "";
114   }
115
116   if (no_telp == "") {
117     document.getElementById("err_no_telp").innerHTML = "No Telepon Harus Diisi!";
118   } else {
119     document.getElementById("err_no_telp").innerHTML = "";
120   }
121
122   if (nama != "" && alamat != "" && (document.getElementById("jenkel").checked == true || document.getElementById("jenkel2").checked == true) && no_telp != "") {
123     $.ajax({
124       type: 'POST',
125       url: 'form_action.php',
126       data: data,
127       success: function() {
128         $('#data').load("data.php");
129         document.getElementById("id").value = "";
130         document.getElementById("form-data").reset();
131       },
132       error: function (response) {
133         console.log(response.responseText);
134       }
135     });
136   }
137 })
138 });
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

php > form_action.php > ...

```
1 <?php
2 session_start();
3 include 'connection.php';
4 include 'csrf.php';
5
6 $nama = stripslashes(strip_tags(htmlspecialchars($_POST['nama'], ENT_QUOTES)));
7 $jenis_kelamin = stripslashes(strip_tags(htmlspecialchars($_POST['jenis_kelamin'], ENT_QUOTES)));
8 $alamat = stripslashes(strip_tags(htmlspecialchars($_POST['alamat'], ENT_QUOTES)));
9 $no_telp = stripslashes(strip_tags(htmlspecialchars($_POST['no_telp'], ENT_QUOTES)));
10
11 $query = "INSERT INTO anggota (nama, jenis_kelamin, alamat, no_telp) VALUES (?, ?, ?, ?)";
12 $sql = $db1->prepare($query);
13 $sql->bind_param("ssss", $nama, $jenis_kelamin, $alamat, $no_telp);
14 $sql->execute();
15
16 echo json_encode(['success' => 'Sukses']);
17
18 $db1->close();
19 ?>
20
```

localhost:3000/10/politeknik.php

CRUD Dengan Ajax

Data Anggota

Nama Jenis Kelamin ☐ Laki-laki ☐ Perempuan
Nama Harus Disi Jenis Kelamin Harus Dipilih

Alamat
Alamat Harus Disi

No Telepon
No Telepon Harus Disi

Show 10 entries Search:

No	Nama	Jenis Kelamin	Alamat	No. Telp	Action
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	JL. Sukarno Hatta No.9	+628951286478	<input type="button" value="Edit"/> <input type="button" value="Hapus"/>

Showing 1 to 1 of 1 entries

Previous **1** Next

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- The code adds data so that if the form is not inputted it will display the form command must be filled using ajax.



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
Agustus 2020

6.3

```
php > data.php > script > on('click', '.edit_data') callback > id
48 <script type="text/javascript">
49     $(document).ready(function() {
50         $('#example').DataTable();
51     });
52
53     function resetErrorMessages() {
54         document.getElementById("err_nama").innerHTML = "";
55         document.getElementById("err_jenis_kelamin").innerHTML = "";
56         document.getElementById("err_alamat").innerHTML = "";
57         document.getElementById("err_no_telp").innerHTML = "";
58     }
59
60     $(document).on('click', '.edit_data', function() {
61         $('html, body').animate({ scrollTop: 0 }, 'slow');
62         var id = $(this).attr('id');
63
64         $.ajax({
65             type: 'POST',
66             url: "get_data.php",
67             data: { id: id },
68             dataType: 'json',
69             success: function(response) {
70                 resetErrorMessages();
71                 $('html, body').animate({ scrollTop: 30 }, 'slow');
72                 document.getElementById("id").value = response.id;
73                 document.getElementById("nama").value = response.nama;
74                 document.getElementById("alamat").value = response.alamat;
75                 document.getElementById("no_telp").value = response.no_telp;
76
77                 if (response.jenis_kelamin == "Laki-laki") {
78                     document.getElementById("jenkel1").checked = true;
79                 } else {
80                     document.getElementById("jenkel2").checked = true;
81                 }
82             },
83             error: function(response) {
84                 console.log(response.responseText);
85             }
86         });
87     });
88 </script>
```



Jurusan Teknologi Informasi Politeknik Negeri Malang

Jobsheet-10: PHP – CRUD & Bootstrap

Mata Kuliah Desain dan Pemrograman Web

Pengampu: Tim Ajar Desain dan Pemrograman Web

Agustus 2020

```
php > get_data.php > ...
```

```
1  <?php
2  session_start();
3  include 'connection.php';
4  include 'csrf.php';
5
6  $id = $_POST['id'];
7  $query = "SELECT * FROM anggota WHERE id=? ORDER BY id DESC";
8  $sql = $db1->prepare($query);
9  $sql->bind_param('i', $id);
10 $sql->execute();
11 $res1 = $sql->get_result();
12
13 while ($row = $res1->fetch_assoc()) {
14     $h['id'] = $row["id"];
15     $h['nama'] = $row["nama"];
16     $h['jenis_kelamin'] = $row["jenis_kelamin"];
17     $h['alamat'] = $row["alamat"];
18     $h['no_telp'] = $row["no_telp"];
19 }
20
21 echo json_encode($h);
22 $db1->close();
23 ?>
24
```

```
php > form_action.php > ...
```

```
1  <?php
2  session_start();
3  include 'connection.php';
4  include 'csrf.php';
5
6  $id = stripslashes(strip_tags(htmlspecialchars($_POST['id'], ENT_QUOTES)));
7  $nama = stripslashes(strip_tags(htmlspecialchars($_POST['nama'], ENT_QUOTES)));
8  $jenis_kelamin = stripslashes(strip_tags(htmlspecialchars($_POST['jenis_kelamin'], ENT_QUOTES)));
9  $alamat = stripslashes(strip_tags(htmlspecialchars($_POST['alamat'], ENT_QUOTES)));
10 $no_telp = stripslashes(strip_tags(htmlspecialchars($_POST['no_telp'], ENT_QUOTES)));
11
12 if ($id == "") {
13     $query = "INSERT INTO anggota (nama, jenis_kelamin, alamat, no_telp) VALUES (?, ?, ?, ?)";
14     $sql = $db1->prepare($query);
15     $sql->bind_param("ssss", $nama, $jenis_kelamin, $alamat, $no_telp);
16     $sql->execute();
17 } else {
18     $query = "UPDATE anggota SET nama=?, jenis_kelamin=?, alamat=?, no_telp=? WHERE id=?";
19     $sql = $db1->prepare($query);
20     $sql->bind_param("ssssi", $nama, $jenis_kelamin, $alamat, $no_telp, $id);
21     $sql->execute();
22 }
23
24 echo json_encode(['success' => 'Sukses']);
25 $db1->close();
26 ?>
27
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
Mata Kuliah Desain dan Pemrograman Web
Pengampu: Tim Ajar Desain dan Pemrograman Web
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CRUD Dengan Ajax

Data Anggota

Nama Jenis Kelamin ☐ Laki-laki ☐ Perempuan

Alamat

No Telepon

Show: 10 entries Search:

No	Nama	Jenis Kelamin	Alamat	No. Telp	Action
1	AL AZHAR RIZQI RIFAI FIRDAUS	Laki-laki	JL. Sukarno Hatta No.9	+628951286478	<input type="button" value="Edit"/> <input type="button" value="Hapus"/>

Showing 1 to 1 of 1 entries

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Previous **1** Next

- In this code, add code to make edits to the data that has been inputted, by adding code to the data.php file so that if the edit button is clicked, the data stored in the selected data will be displayed on the form in index.php and if saved, the data will be updated.



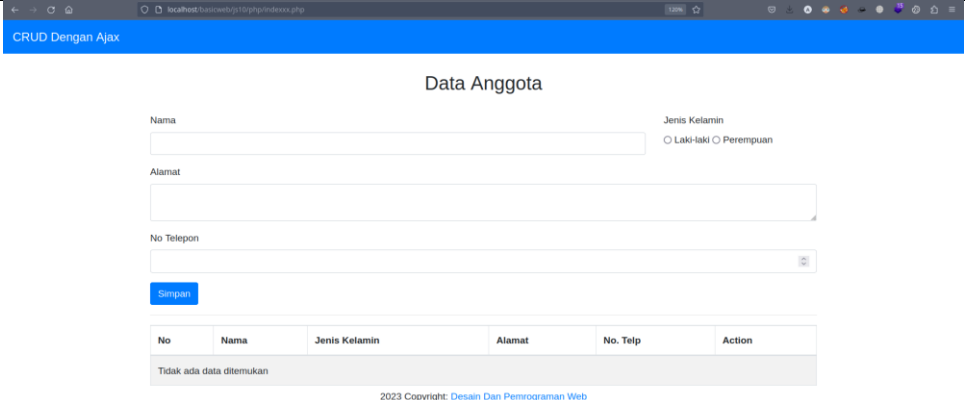
6.4

```
89     $(document).on('click', '.hapus_data', function() {  
90         var id = $(this).attr('id');  
91  
92         $.ajax({  
93             type: 'POST',  
94             url: "hapus_data.php",  
95             data: { id: id },  
96             success: function() {  
97                 $('.data').load("data.php");  
98             },  
99             error: function (response) {  
100                 console.log(response.responseText);  
101             }  
102         });  
103     });  
104 </script>  
105
```

```
php > hapus_data.php > ...  
1  <?php  
2  session_start();  
3  include 'connection.php';  
4  include 'csrf.php';  
5  
6  $id = $_POST['id'];  
7  $query = "DELETE FROM anggota WHERE id=?";  
8  $sql = $db1->prepare($query);  
9  $sql->bind_param("i", $id);  
10 $sql->execute();  
11  
12 echo json_encode(['success' => 'Sukses']);  
13  
14 $db1->close();  
15 ?>  
16
```



Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: PHP – CRUD & Bootstrap
 Mata Kuliah Desain dan Pemrograman Web
 Pengampu: Tim Ajar Desain dan Pemrograman Web
 Agustus 2020

	 <p>- In the code, add the addition of code to delete data that has been inputted. input, by adding code to the data.php file when the delete button is clicked it will run ajax to the file delete_data.php which will delete data from the selected data.</p>
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Jurusan Teknologi Informasi Politeknik Negeri Malang

Jobsheet-10: PHP – CRUD & Bootstrap

Mata Kuliah Desain dan Pemrograman Web

Pengampu: Tim Ajar Desain dan Pemrograman Web

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