

CRUD AJAX

CODIGO DE AJAX

```
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EJERCICIO_6
  add.php
  JS app.js
  # bootstrap.min.css
  database.php
  delete.php
  edit.php
  index.html
  JS jquery.min.js
  list.php
  search.php
  single.php

add.php
1  <?php
2  include('database.php');
3  if (isset($_POST['nombre_js'])) {
4
5      $nombre = $_POST['nombre_js'];
6      $apellido = $_POST['apellido_js'];
7      $correo = $_POST['email_js'];
8
9      $query = "INSERT INTO tbl_estudiantes(nombre, apellido, email) VALUES ('$nombre', '$apellido'
10     $result = mysqli_query($connection, $query);
11
12     if (!$result){
13         die('Consulta fallida.');
```

```
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EJERCICIO_6  add.php  JS app.js
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  single.php

JS app.js > ready() callback > on('click', 'item-estudiante') callback > $.post('single.php') callback
1  $(document).ready(function() {
2      // Variable Global
3      let edit = false;
4
5      // Verifica si existe JQuery
6      console.log('jquery está funcionando!');
7
8      tablaAjax();
9      $('#estudiante-result').hide();
10
11     // Evento de búsqueda por ID
12     $('#search').keyup(function() {
13         if($('#search').val()) {
14             let search = $('#search').val();
15             $.ajax({
16                 url: 'search.php',
17                 data: {search},
18                 type: 'POST',
19                 success: function (response) {
20                     if(!response.error) {
21                         let res = JSON.parse(response);
22                         let template = '';
23                         res.forEach(res => {
24                             template += `
25                             <li><a href="#" class="item-estudiante">${res.nombre}</a></li>
26
27                     `;
28                 }
29             });
30         }
31     });
32 }
```

```

v EJERCIC...  JS app.js  add.php
# bootstrap.min.css
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> ESQUEMA
> LÍNEA DE TIEMPO

JS app.js > ready() callback > on('click', 'item-estudiante') callback > $.post('single.php') callback
1  $(document).ready(function() {
12  $('#search').keyup(function() {
19      success: function (response) {
23          res.forEach(res => {
27              });
28              $('#estudiante-result').show();
29              $('#container').html(template);
30          }
31      }
32  });
33  });
34  });
35  });

//Insertar y Actualizar estudiante
36  $('#estudiante-form').submit(e => {
37      e.preventDefault();
38      const postData = {
39          nombre_js: $('#nombre_form').val(),
40          apellido_js: $('#apellido_form').val(),
41          email_js: $('#email_form').val(),
42          id_js: $('#id_form').val()
43      };
44      const url = edit === false ? 'add.php' : 'edit.php';
45      console.log(postData, url);
46      $.post(url, postData, (response) => {
47          console.log(response);
48          $('#estudiante-form').trigger('reset');
49          tablaAjax();
50      });

```

```

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> ESQUEMA
> LÍNEA DE TIEMPO

JS app.js > ready() callback > on('click', 'item-estudiante') callback > $.post('single.php') callback
1  $(document).ready(function() {
37  $('#estudiante-form').submit(e => {
45      const url = edit === false ? 'add.php' : 'edit.php';
46      console.log(postData, url);
47      $.post(url, postData, (response) => {
48          console.log(response);
49          $('#estudiante-form').trigger('reset');
50          tablaAjax();
51      });
52      console.log(edit);
53  });
54  });

// Obtener datos para la tabla
55  function tablaAjax() {
56      $.ajax({
57          url: 'list.php',
58          type: 'GET',
59          success: function(response) {
60              const res = JSON.parse(response);
61              let template = '';
62              res.forEach(est => {
63                  template +=
64                      <tr estId="${est.id}">
65                          <td>${est.id}</td>
66                          <td><a href="#" class="item-estudiante">${est.nombre}</a></td>
67                          <td>${est.apellido}</td>
68                          <td>${est.email}</td>
69                          <td>${est.fecha_registro}</td>
70                      </tr>

```

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single.php

JS app.js > ready() callback > on('click', '.item-estudiante') callback > $.post('single.php') callback
1  $(document).ready(function() {
56  function tablaAjax() {
60      success: function(response) {
63          res.forEach(est => {
71              <td><button class= delete-estudiante btn btn-danger btn-sm >Eliminar</button>
72          }
73      });
74      $('#tabla-estudiante').html(template);
75  }
76  });
77  }
78
79  // Obtener una sola tarea por ID
80  $(document).on('click', '.item-estudiante', (e) => {
81      const element = $(this)[0].activeElement.parentElement.parentElement;
82      const id = $(element).attr('estId');
83      $.post('single.php', {id}, (response) => {
84          const r = JSON.parse(response);
85          $('#nombre_form').val(r.nombre);
86          $('#apellido_form').val(r.apellido);
87          $('#email_form').val(r.email);
88          $('#id_form').val(r.id);
89          edit = true;
90      });
91      e.preventDefault();
92  });
93
94  // Eliminar un Estudiante
```

```
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JS app.js > ready() callback > on('click', '.item-estudiante') callback > $.post('single.php') callback
1  $(document).ready(function() {
80      $(document).on('click', '.item-estudiante', (e) => {
83          $.post('single.php', {id}, (response) => {
90      });
91      e.preventDefault();
92  });
93
94  // Eliminar un Estudiante
95  $(document).on('click', '.delete-estudiante', (e) => {
96      if(confirm('¿Estás seguro de que quieres eliminarlo?')) {
97          const element = $(this)[0].activeElement.parentElement.parentElement;
98          const id = $(element).attr('estId');
99          $.post('delete.php', {id}, (response) => {
100              console.log(response);
101              tablaAjax();
102          });
103      }
104  });
105  });
106
```

```
EXPLORADOR  ...  add.php  database.php  X
v EJERCIC...  add.php  JS app.js  database.php
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database.php
1  <?php
2  $hostname = "localhost";
3  $usuario = "root";
4  $password = "";
5  $nombreBD = "labo_ajax_crud";
6
7  $connection = mysqli_connect($hostname, $usuario, $password, $nombreBD);
8  ?>
```

```
EXPLORADOR  ...  add.php  delete.php X
v EJERCIC...  add.php
JS app.js
# bootstrap.min.css
database.php
delete.php
edit.php
index.html
jquery.min.js
list.php
search.php
single.php

delete.php
1 <?php
2 include('database.php');
3 if(isset($_POST['id'])) {
4
5     $id = $_POST['id'];
6     $query = "DELETE FROM tbl_estudiantes WHERE id = $id";
7     $result = mysqli_query($connection, $query);
8
9     if (!$result) {
10         die('Consulta fallida.');
```

```
EXPLORADOR  ...  add.php  edit.php X
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JS app.js
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jquery.min.js
list.php
search.php
single.php

edit.php
1 <?php
2 include('database.php');
3
4 if(isset($_POST['id_js'])) {
5     $nombre = $_POST['nombre_js'];
6     $apellido = $_POST['apellido_js'];
7     $email = $_POST['email_js'];
8     $id = $_POST['id_js'];
9
10    $query = "UPDATE tbl_estudiantes SET
11                nombre = '$nombre',
12                apellido = '$apellido',
13                email = '$email'
14                WHERE id = '$id'";
15
16    $result = mysqli_query($connection, $query);
17
18    if (!$result) {
19        die('Consulta fallida.');
```

```
EXPLORADOR  ...  add.php  index.html X
v EJERCIC...  add.php
JS app.js
# bootstrap.min.css
database.php
delete.php
edit.php
index.html
jquery.min.js
list.php
search.php
single.php

index.html > html > body
1 <!DOCTYPE html>
2 <html lang="es">
3 <head>
4     <meta charset="UTF-8">
5     <title>Todo App</title>
6     <link rel="stylesheet" href="bootstrap.min.css">
7 </head>
8 <body>
9
10    <!-- NAVIGATION -->
11    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
12        <a class="navbar-brand" href="#">Registro Estudiantes App</a>
13        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSup
14            <span class="navbar-toggler-icon"></span>
15        </button>
16
17        <div class="collapse navbar-collapse" id="navbarSupportedContent">
18            <ul class="navbar-nav ml-auto">
19                <form class="form-inline my-2 my-lg-0">
20                    <input name="search" id="search" class="form-control mr-sm-2" type="search" placeholder
21                    <button class="btn btn-success my-2 my-sm-0" type="submit">Buscar</button>
22                </form>
23            </div>
24        </nav>
25
26        <div class="container">
27            <div class="row p-4">
```

```
EXPLORADOR  ...  add.php  index.html X
v EJERCIC...  index.html > html > body
add.php      2 <html lang="es">
JS app.js    8 <body>
# bootstrap.min.css
database.php 26 <div class="container">
delete.php   27 <div class="row p-4">
edit.php     28 <div class="col-md-4">
index.html   29 <!-- ESTUDIANTE FORM -->
jquery.min.js 33 <div class="form-group">
list.php     34 <label>Nombre:</label>
search.php   35 <input type="text" id="nombre_form" placeholder="Escriba su Nombre" class="form-control">
single.php   36 </div>
            37 <div class="form-group">
            38 <label>Apellido:</label>
            39 <input type="text" id="apellido_form" placeholder="Escriba su Apellido" class="form-control">
            40 </div>
            41 <div class="form-group">
            42 <label>Correo Electronico:</label>
            43 <input type="text" id="email_form" placeholder="Escriba su Correo Electronico" class="form-control">
            44 </div>
            45 <input type="hidden" id="id_form">
            46 <button type="submit" class="btn btn-primary btn-block text-center">
            47 | Guardar Estudiante
            48 </button>
            49 </form>
            50 </div>
            51 </div>
            52 </div>
> ESQUEMA
> LÍNEA DE TIEMPO 53
                    54 <!-- TABLE -->
```

```
EXPLORADOR  ...  add.php  index.html X
v EJERCIC...  index.html > html > body
add.php      2 <html lang="es">
JS app.js    8 <body>
# bootstrap.min.css
database.php 26 <div class="container">
delete.php   27 <div class="row p-4">
edit.php     54 <!-- TABLE -->
index.html   55 <div class="col-md-8">
jquery.min.js 56 <div class="card my-4" id="estudiante-result">
list.php     57 <div class="card-body">
search.php   58 <!-- SEARCH -->
single.php   59 <ul id="container"></ul>
            60 </div>
            61 </div>
            62
            63 <table class="table table-bordered table-hover table-sm">
            64 <thead>
            65 <tr>
            66 <th>Id</th>
            67 <th>Nombres</th>
            68 <th>Apellidos</th>
            69 <th>Correo</th>
            70 <th>Fecha Registro</th>
            71 </tr>
            72 </thead>
            73 <tbody id="tabla-estudiante"></tbody>
            74 </table>
            75 </div>
            76 </div>
```

```
EXPLORADOR  ...  add.php  index.html X
v EJERCIC...  index.html > html > body
add.php      2 <html lang="es">
JS app.js    8 <body>
# bootstrap.min.css
database.php 26 <div class="container">
delete.php   27 <div class="row p-4">
edit.php     55 <div class="col-md-8">
index.html   75 </div>
jquery.min.js 76 </div>
list.php     77 </div>
search.php   78
single.php   79 <script src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
            80 <script src="app.js"></script>
            81 </body>
            82
            83 </html>
```

```
EXPLORADOR  ...  add.php  list.php X
v EJERCIC...  add.php
JS app.js
# bootstrap.min.css
database.php
delete.php
edit.php
index.html
JS jquery.min.js
list.php
search.php
single.php

1 <?php
2 include('database.php');
3
4 $query = "SELECT * FROM tbl_estudiantes";
5 $result = mysqli_query($connection, $query);
6 if(!$result) {
7     die('Consulta Fallida'. mysqli_error($connection));
8 }
9
10
11 $json = array();
12 while($row = mysqli_fetch_array($result)) {
13     $json[] = array(
14         'nombre' => $row['nombre'],
15         'apellido' => $row['apellido'],
16         'email' => $row['email'],
17         'fecha_registro' => date("d-m-y", strtotime($row['fecha_registro'])),
18         'id' => $row['id']
19     );
20 }
21 $jsonstring = json_encode($json);
22 echo $jsonstring;
23
24 ?>
```

```
EXPLORADOR  ...  add.php  search.php X
v EJERCIC...  add.php
JS app.js
# bootstrap.min.css
database.php
delete.php
edit.php
index.html
JS jquery.min.js
list.php
search.php
single.php

1 <?php
2 include('database.php');
3 $search = $_POST['search'];
4
5 if(!empty($search)) {
6     $query = "SELECT * FROM tbl_estudiantes WHERE nombre LIKE '$search%'";
7     $result = mysqli_query($connection, $query);
8     if(!$result) {
9         die('Error de consulta' . mysqli_error($connection));
10    }
11 }
12 $json = array();
13 while($row = mysqli_fetch_array($result)) {
14     $json[] = array(
15         'nombre' => $row['nombre'],
16         'id' => $row['id']
17     );
18 }
19
20 $jsonstring = json_encode($json);
21 echo $jsonstring;
22 }
23
24 ?>
```

```
EXPLORADOR  ...  add.php  single.php X
v EJERCIC...  add.php
JS app.js
# bootstrap.min.css
database.php
delete.php
edit.php
index.html
JS jquery.min.js
list.php
search.php
single.php

1 <?php
2
3 include('database.php');
4
5 if(isset($_POST['id'])) {
6     $id = mysqli_real_escape_string($connection, $_POST['id']);
7
8     $query = "SELECT * FROM tbl_estudiantes WHERE id = {$id}";
9     $result = mysqli_query($connection, $query);
10
11     if(!$result) {
12         die('Consulta fallida'. mysqli_error($connection));
13     }
14
15     $json = array();
16     while($row = mysqli_fetch_array($result)) {
17         $json[] = array(
18             'nombre' => $row['nombre'],
19             'apellido' => $row['apellido'],
20             'email' => $row['email'],
21             'fecha_registro' => $row['fecha_registro'],
22             'id' => $row['id']
23         );
24     }
25     $jsonstring = json_encode($json[0]);
26     echo $jsonstring;
27 }
28
```

Nombre:

Escriba su Nombre

Apellido:

Escriba su Apellido

Correo Electronico:

Escriba su Correo Electronico

Guardar Estudiante

Id	Nombres	Apellidos	Correo	Fecha Registro	
7	GONZALO	CHIRI	gonzalo@gmail.com	18-05-24	Eliminar
8	OLGA	LARICO	olga@gmail.com	18-05-24	Eliminar
9	JHEFERSON	MACHACA	jheferson@gmail.com	18-05-24	Eliminar
10	RODRIGO	QUISPE	rodrigo123@gmail.com	18-05-24	Eliminar
11	LIMBERT	TICONA	limbert@gmail.com	18-05-24	Eliminar