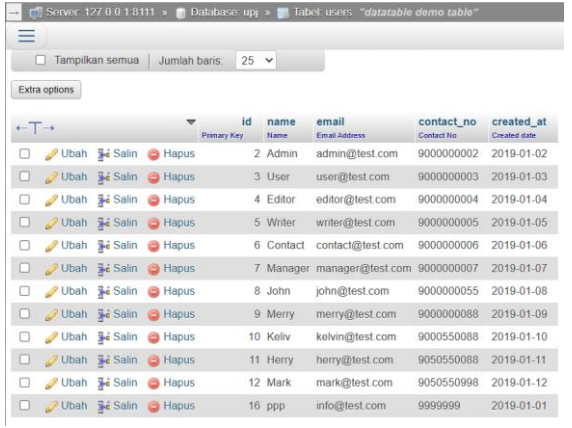


Tugas Praktikum Pertemuan 4

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2024071010

Code	Output
UserModel.php <pre>app > Models > UserModel.php 1 <?php namespace App\Models; 2 use CodeIgniter\Database\ConnectionInterface; 3 use CodeIgniter\Model; 4 5 class UserModel extends Model 6 { 7 protected \$table = 'users'; 8 9 protected \$allowedFields = ['name', 'email', 'contact_no', 'created_at']; 10 11 }</pre>	
Database.php <pre>> Config > Database.php { /** * @var array<string, mixed> */ public array \$default = ['DSN' => '', 'hostname' => 'localhost', 'username' => 'root', 'password' => '', 'database' => 'upj', 'DBDriver' => 'MySQLi', 'DBPrefix' => '', 'pConnect' => false, 'DBDebug' => (ENVIRONMENT !== 'production'), 'charset' => 'utf8mb4', 'DBCollat' => 'utf8mb4_general_ci', 'swapPre' => '', 'encrypt' => false, 'compress' => false, 'strictOn' => false, 'failover' => [], 'port' => 8111, 'numberNative' => false, 'foundRows' => false, 'dateFormat' => ['date' => 'Y-m-d', 'datetime' => 'Y-m-d H:i:s', 'time' => 'H:i:s',],];</pre>	

Routes.php

```
> Config > Routes.php
<?php

use CodeIgniter\Router\RouteCollection;

/**
 * @var RouteCollection $routes
 */
$routes->get('/', 'Home::index');
$routes->get('users', 'Users::index');
$routes->get('users/create', 'Users::create');
$routes->get('users/edit/(:num)', 'Users::edit/$1');
$routes->post('users/store', 'Users::store');
$routes->post('users/update', 'Users::update');
$routes->get('users/delete/(:num)', 'Users::delete/$1');

$routes->setAutoRoute(true);
```

App.php

```
public string $baseUrl =
'http://localhost/CI4/';
```

User.php

```
pp > Controllers > Users.php
1  <?php namespace App\Controllers;
2
3  use CodeIgniter\Controller;
4  use App\Models\UserModel;
5
6  class Users extends Controller
7  {
8
9      public function __construct()
10     {
11         $this->model = new UserModel();
12     }
13
14
15     public function index()
16     {
17         $model = new UserModel();
18
19         $data['users'] = $model->orderBy('id', 'DESC')->findAll();
20
21         return view('users', $data);
22     }
23
24     public function create()
25     {
26         return view('create-user');
27     }
28
29     public function store()
30     {
31         helper(['form', 'url']);
32
33         $model = new UserModel();
34
35         $data = [
36
```

```

36     $data = [
37         'name' => $this->request->getVar('name'),
38         'email' => $this->request->getVar('email'),
39         'contact_no' => $this->request->getVar('contact_no'),
40         'created_at' => $this->request->getVar('created_at'),
41     ];
42
43     $save = $model->insert($data);
44
45     return redirect()->to( base_url('public/index.php/users') );
46
47
48 // public function edit($id = null)
49 // {
50 //     $model = new UserModel();
51 //     $data['user'] = $model->where('id', $id)->first();
52 //     return view('public/index.php/edit-user', $data);
53 // }
54
55 public function edit($id = null)
56 {
57     if ($id == null) {
58         throw \CodeIgniter\Exceptions\PageNotFoundException::forPageNotFound("ID user tidak ditemukan");
59     }
60
61     $user = $this->model->find($id);
62     if (!$user) {
63         throw \CodeIgniter\Exceptions\PageNotFoundException::forPageNotFound("User dengan id {$id} tidak ditemukan");
64     }
65
66 }

```

```

57 public function edit($id = null)
58 {
59     // public function update()
60     {
61         helper(['form', 'url']);
62
63         $model = new UserModel();
64
65         $id = $this->request->getVar('id');
66
67         $data = [
68             'name' => $this->request->getVar('name'),
69             'email' => $this->request->getVar('email'),
70             'contact_no' => $this->request->getVar('contact_no'),
71             'created_at' => $this->request->getVar('created_at'),
72         ];
73
74         $save = $model->update($id,$data);
75
76         return redirect()->to( base_url('public/index.php/users') );
77     }
78
79     public function delete($id = null)
80     {
81         $model = new UserModel();
82
83         $data['user'] = $model->where('id', $id)->delete();
84
85         return redirect()->to( base_url('public/index.php/users') );
86     }
87 }

```

user.php

```

1 <doctype html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6 <title>CodeIgniter 4 users List Example - Tutsmake.com</title>
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
8 </head>
9 <body>
10
11 <div class="container mt-5">
12 <a href="/php echo site_url('public/index.php/users/create') ?>" class="btn btn-success mb-2">Create</a>
13 <p>
14 {isset($_SESSION['msg'])}
15 echo $_SESSION['msg'];
16 }
17 </p>
18 <div class="row mt-3">
19 <table class="table table-bordered" id="users">
20 <thead>
21 <tr>
22 <th>Id</th>
23 <th>Name</th>
24 <th>Email</th>
25 <th>Action</th>
26 </tr>
27 </thead>
28 <tbody>
29 <?php if($users): ?>
30 <?php foreach($users as $user): ?>
31 <tr>
32 <td>?php echo $user['id']; ?></td>
33 <td>?php echo $user['name']; ?></td>
34 <td>?php echo $user['email']; ?></td>
35 <td>
36 <a href="/php echo base_url('public/index.php/users/edit/' . $user['id']); ?>" class="btn btn-success">Edit</a>
37 <a href="/php echo base_url('public/index.php/users/delete/' . $user['id']); ?>" class="btn btn-danger">Delete</a>
38 </td>
39 </tr>
40 <?php endforeach; ?>
41 <?php endif; ?>
42 </tbody>
43 </table>
44 </div>
45 </div>
46
47 <script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
48
49 <link rel="stylesheet" type="text/css" href="https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css">
50
51 <script src="https://cdn.datatables.net/1.10.20/js/jquery.dataTables.min.js" type="text/javascript"></script>
52
53 <script>
54 $(document).ready( function () {
55     $('#users').DataTable();
56 });
57 </script>
58 </body>
59 </html>

```

Show entries
 Search:

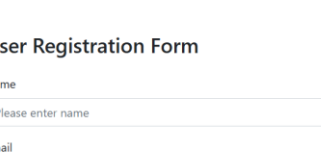
Id	Name	Email	Action
2	Admin	admin@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	User	user@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	Editor	editor@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
5	Writer	writer@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
6	Contact	contact@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
7	Manager	manager@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
8	John	john@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
9	Merry	merry@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
10	Keliv	kelvin@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
11	Herry	herry@test.com	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

create-user.php

```

1 > app > Views > create-user.php
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>CodeIgniter 4 User Form With Validation Example</title>
6 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
7
8 <!-- jquery & Validation -->
9 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
10 <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-vali Follow link (ctrl + click) lidate.min.js"></script>
11 <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/additional-methods.min.js"></script>
12 </head>
13
14 <body>
15 <div class="container mt-5">
16
17 <h3 class="mb-4">User Registration Form</h3>
18
19 <!-- tampilkan error dari server -->
20 <?> <Config\Services::validation()->listErrors(); >
21
22 <!-- pesan sukses -->
23 <span class="d-none alert alert-success mb-3" id="res_message"></span>
24
25 <div class="row">
26 <div class="col-md-8">
27
28 <form action="<?php echo base_url('public/index.php/users/store'); >"
29 name="user_create"
30 id="user_create"
31 method="post"
32 accept-charset="utf-8">
33
34 <div class="form-group">
35 <label for="name">Name</label>
36 <input
37 type="text"
38 name="name"

```



localhost/C14/public/index.php/users/create

User Registration Form

Name

Email

Contact No

Created At

Submit

```

37         name="name"
38         class="form-control"
39         id="name"
40         placeholder="Please enter name">
41     </div>
42
43     <div class="form-group">
44         <label for="email">Email</label>
45         <input
46             type="text"
47             name="email"
48             class="form-control"
49             id="email"
50             placeholder="Please enter email address">
51     </div>
52
53     <div class="form-group">
54         <label for="contact_no">Contact No</label>
55         <input type="number" name="contact_no" class="form-control" id="contact_no" placeholder="Please enter contact number">
56     </div>
57
58     <div class="form-group">
59         <label for="created_at">Created At</label>
60         <input type="text" name="created_at" class="form-control" id="created_at" placeholder="Please enter the date">
61     </div>
62
63     <div class="form-group">
64         <button type="submit" id="send_form" class="btn btn-success">Submit</button>
65     </div>
66
67 </form>
68 </div>

```

```

69 </div>
70 </div>
71 </div>
72 <!-- jQuery validation -->
73 <script>
74 $(document).ready(function() {
75     if ($("#user_create").length > 0) {
76         $("#user_create").validate({
77             rules: {
78                 name: {
79                     required: true,
80                     minlength: 3
81                 },
82                 email: {
83                     required: true,
84                     email: true,
85                     maxlength: 50
86                 },
87             },
88             messages: {
89                 name: {
90                     required: "Please enter your name",
91                     minlength: "Name must be at least 3 characters"
92                 },
93                 email: {
94                     required: "Please enter your email address",
95                     email: "Please enter a valid email",
96                     maxlength: "Email should not exceed 50 characters"
97                 },
98             },
99             errorElement: 'span',
100             errorClass: 'text-danger',
101             highlight: function(element) {

```

```

101         highlight: function(element) {
102             $(element).addClass('is-invalid');
103         },
104         unhighlight: function(element) {
105             $(element).removeClass('is-invalid');
106         }
107     });
108 }
109 });
110 </script>
111
112 </body>
113 </html>

```

Edit-user.php

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>CodeIgniter 4 Edit User Form With Validation Example</title>
5 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
6
7 <!-- jQuery & Validation -->
8 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
9 <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/jquery.validate.min.js"></script>
10 <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/additional-methods.min.js"></script>
11 </head>
12
13 <body>
14 <div class="container mt-5">
15
16 <h3 class="mb-4">Edit User Data</h3>
17
18 <!-- Tampilkan error dari server -->
19 <?php \Config\Services::validation()->listErrors(); ?>
20
21 <!-- Pesan sukses -->
22 <span class="d-none alert alert-success mb-3" id="res_message"></span>
23
24 <div class="row">
25 <div class="col-md-8">
26
27 <form action="<?php base_url('public/index.php/users/update'); ?>"
28 <name="edit-user"
29 <id="edit-user"
30 <method="post"
31 <accept-charset="utf-8">
32
33 <!-- ID tersembunyi -->
34 <input type="hidden"
35 <name="id"
36 <class="form-control"
37 <id="id"
38 <value="<?php $user['id'] ?>">
39
40 <!-- Nama -->
41 <div class="form-group">
42 <label for="name">Name</label>
43 <input
44 <type="text"
45 <name="name"
46 <class="form-control"
47 <id="name"
48 <placeholder="Please enter name"
49 <value="<?php $user['name'] ?>">
50 </div>
51
52 <!-- Email -->
53 <div class="form-group">
54 <label for="email">Email</label>
55 <input
56 <type="text"
57 <name="email"
58 <class="form-control"
59 <id="email"
60 <placeholder="Please enter email address"
61 <value="<?php $user['email'] ?>">
62 </div>
63
64 <div class="form-group mt-3">
65 <button type="submit" id="send_form" class="btn btn-success">Update</button>
66 <a href="<?php base_url('public/index.php/users'); ?>" class="btn btn-secondary">Cancel</a>
67 </div>
```

```
37 <id="id"
38 <value="<?php $user['id'] ?>">
39
40 <!-- Nama -->
41 <div class="form-group">
42 <label for="name">Name</label>
43 <input
44 <type="text"
45 <name="name"
46 <class="form-control"
47 <id="name"
48 <placeholder="Please enter name"
49 <value="<?php $user['name'] ?>">
50 </div>
51
52 <!-- Email -->
53 <div class="form-group">
54 <label for="email">Email</label>
55 <input
56 <type="text"
57 <name="email"
58 <class="form-control"
59 <id="email"
60 <placeholder="Please enter email address"
61 <value="<?php $user['email'] ?>">
62 </div>
63
64 <div class="form-group mt-3">
65 <button type="submit" id="send_form" class="btn btn-success">Update</button>
66 <a href="<?php base_url('public/index.php/users'); ?>" class="btn btn-secondary">Cancel</a>
67 </div>
```

localhost/C:/public/index.php/users/edit/2

Edit User Data

Name

Admin

Email

admin@test.com

Update

Cancel

```
74 <!-- jQuery Validation -->
75 <script>
76 $(document).ready(function() {
77     if ($("#edit-user").length > 0) {
78         $("#edit-user").validate({
79             rules: {
80                 name: {
81                     required: true,
82                     minlength: 3
83                 },
84                 email: {
85                     required: true,
86                     email: true,
87                     maxlength: 50
88                 },
89             },
90             messages: {
91                 name: {
92                     required: "Please enter your name",
93                     minlength: "Name must be at least 3 characters"
94                 },
95                 email: {
96                     required: "Please enter your email address",
97                     email: "Please enter a valid email format",
98                     maxlength: "Email should not exceed 50 characters"
99                 },
100             },
101             errorElement: 'span',
102             errorClass: 'text-danger',
103             highlight: function(element) {
104                 $(element).addClass('is-invalid');
105             },
106             unhighlight: function(element) {
107                 $(element).removeClass('is-invalid');
108             }
109         });
110     }
```