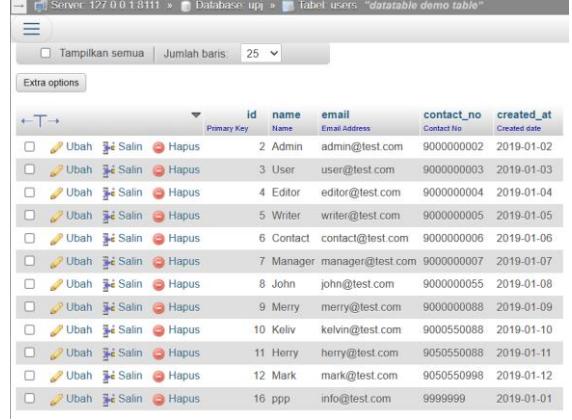


## Tugas Praktikum Pertemuan 4

Anisa Intania Putri

2024071010

Code	Output																																																																														
<b>UserModel.php</b> <pre>app &gt; Models &gt; UserModel.php 1  &lt;?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>																																																																															
<b>Database.php</b> <pre>&gt; Config &gt; Database.php {     /**      * @var array&lt;string, mixed&gt;      */     public array \$default = [         'DSN'          =&gt; '',         'hostname'     =&gt; 'localhost',         'username'     =&gt; 'root',         'password'     =&gt; '',         'database'     =&gt; 'upj',         'DBDriver'     =&gt; 'MySQLi',         'DBPrefix'     =&gt; '',         'pConnect'     =&gt; false,         'DBDebug'      =&gt; (ENVIRONMENT !== 'production'),         'charset'      =&gt; 'utf8mb4',         'DBCollat'     =&gt; 'utf8mb4_general_ci',         'swapPre'      =&gt; '',         'encrypt'      =&gt; false,         'compress'     =&gt; false,         'strictOn'     =&gt; false,         'failover'     =&gt; [],         'port'         =&gt; 8111,         'numberNative' =&gt; false,         'foundRows'    =&gt; false,         'dateFormat'   =&gt; [             'date'       =&gt; 'Y-m-d',             'datetime'   =&gt; 'Y-m-d H:i:s',             'time'       =&gt; 'H:i:s',         ],     ]; }</pre>	 <table border="1"><thead><tr><th></th><th>id</th><th>name</th><th>email</th><th>contact_no</th><th>created_at</th></tr></thead><tbody><tr><td>1</td><td>2</td><td>Admin</td><td>admin@test.com</td><td>9000000002</td><td>2019-01-02</td></tr><tr><td>2</td><td>3</td><td>User</td><td>user@test.com</td><td>9000000003</td><td>2019-01-03</td></tr><tr><td>3</td><td>4</td><td>Editor</td><td>editor@test.com</td><td>9000000004</td><td>2019-01-04</td></tr><tr><td>4</td><td>5</td><td>Writer</td><td>writer@test.com</td><td>9000000005</td><td>2019-01-05</td></tr><tr><td>5</td><td>6</td><td>Contact</td><td>contact@test.com</td><td>9000000006</td><td>2019-01-06</td></tr><tr><td>6</td><td>7</td><td>Manager</td><td>manager@test.com</td><td>9000000007</td><td>2019-01-07</td></tr><tr><td>7</td><td>8</td><td>John</td><td>john@test.com</td><td>9000000055</td><td>2019-01-08</td></tr><tr><td>8</td><td>9</td><td>Merry</td><td>merry@test.com</td><td>9000000088</td><td>2019-01-09</td></tr><tr><td>9</td><td>10</td><td>Kelvin</td><td>kelvin@test.com</td><td>9005500084</td><td>2019-01-10</td></tr><tr><td>10</td><td>11</td><td>Herry</td><td>herry@test.com</td><td>9050550084</td><td>2019-01-11</td></tr><tr><td>11</td><td>12</td><td>Mark</td><td>mark@test.com</td><td>9050550098</td><td>2019-01-12</td></tr><tr><td>12</td><td>16</td><td>ppp</td><td>info@test.com</td><td>9999999</td><td>2019-01-01</td></tr></tbody></table>		id	name	email	contact_no	created_at	1	2	Admin	admin@test.com	9000000002	2019-01-02	2	3	User	user@test.com	9000000003	2019-01-03	3	4	Editor	editor@test.com	9000000004	2019-01-04	4	5	Writer	writer@test.com	9000000005	2019-01-05	5	6	Contact	contact@test.com	9000000006	2019-01-06	6	7	Manager	manager@test.com	9000000007	2019-01-07	7	8	John	john@test.com	9000000055	2019-01-08	8	9	Merry	merry@test.com	9000000088	2019-01-09	9	10	Kelvin	kelvin@test.com	9005500084	2019-01-10	10	11	Herry	herry@test.com	9050550084	2019-01-11	11	12	Mark	mark@test.com	9050550098	2019-01-12	12	16	ppp	info@test.com	9999999	2019-01-01
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## 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
32         helper(['form', 'url']);
33
34         $model = new UserModel();
35
36         $data = [
```

```
56     $data = [
57         'name' => $this->request->getVar('name'),
58         'email' => $this->request->getVar('email'),
59         'contact_no' => $this->request->getVar('contact_no'),
60         'created_at' => $this->request->getVar('created_at'),
61     ];
62
63     $save = $model->insert($data);
64
65     return redirect()->to( base_url('public/index.php/users') );
66 }
67
68 // public function edit($id = null)
69 // {
70 //     $model = new UserModel();
71 //     $data['user'] = $model->where('id', $id)->first();
72 //     return view('public/index.php/edit-user', $data);
73 // }
74
75 public function edit($id = null)
76 {
77     if ($id === null) {
78         throw \CodeIgniter\Exceptions\PageNotFoundException::forPageNotFound("ID user tidak ditemukan");
79     }
80
81     $user = $this->model->find($id);
82     if (!$user){
83         throw \CodeIgniter\Exceptions\PageNotFoundException::forPageNotFound("User dengan id {$id} tidak ditemukan");
84     }
85 }
```

```
57     public function edit($id = null)
58 {
59     public function update()
60     {
61
62         helper(['form', 'url']);
63
64         $model = new UserModel();
65
66         $id = $this->request->getVar('id');
67
68         $data = [
69             'name' => $this->request->getVar('name'),
70             'email' => $this->request->getVar('email'),
71             'contact_no' => $this->request->getVar('contact_no'),
72             'created_at' => $this->request->getVar('created_at'),
73         ];
74
75         $save = $model->update($id,$data);
76
77         return redirect()->to( base_url('public/index.php/users') );
78     }
79
80     public function delete($id = null)
81     {
82
83         $model = new UserModel();
84
85         $data['user'] = $model->where('id', $id)->delete();
86
87         return redirect()->to( base_url('public/index.php/users') );
88     }
89 }
```

## user.php

```
app > Views > 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="
```

localhost/C4/public/index.php/users

Create

Show 10 entries Search:

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

## create-user.php

```
app > Views > create-user.php
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>CodeIgniter 4 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-validation/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>User Registration Form</h3>
17 
18         <!-- tampilan error dari server -->
19         <?= \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 echo base_url('public/index.php/users/store'); ?&gt;"&gt;
28                     &lt;input type="hidden" name="user_create" value="user_create" /&gt;
29                     &lt;input type="post" name="user_create" /&gt;
30                     &lt;input type="accept-charset" value="utf-8" /&gt;
31 
32                     &lt;div class="form-group"&gt;
33                         &lt;label for="name"&gt;Name&lt;/label&gt;
34                         &lt;input type="text" name="name" /&gt;
35                     &lt;/div&gt;
36 
37                 &lt;/form&gt;
38             &lt;/div&gt;
39         &lt;/div&gt;
40 
41     &lt;/div&gt;
42 &lt;/body&gt;</pre
```

localhost/C4/public/index.php/users/create

### User Registration Form

Name

Email

Contact No

Created At

[Submit](#)

```
1   </div>
2
3   <div class="form-group">
4     <label for="name">Name</label>
5     <input type="text" name="name" class="form-control" id="name" placeholder="Please enter name">
6   </div>
7
8   <div class="form-group">
9     <label for="email">Email</label>
10    <input type="text" name="email" class="form-control" id="email" placeholder="Please enter email address">
11  </div>
12
13  <div class="form-group">
14    <label for="contact_no">Contact No.</label>
15    <input type="number" name="contact_no" class="form-control" id="contact_no" placeholder="Please enter contact number">
16  </div>
17
18  <div class="form-group">
19    <label for="created_at">Created At</label>
20    <input type="text" name="created_at" class="form-control" id="created_at" placeholder="Please enter the date">
21  </div>
22
23  <div class="form-group">
24    <button type="submit" id="send_form" class="btn btn-success">Submit</button>
25  </div>
26
27 </form>
28 </div>
```

```
29  </div>
30  </div>
31 </div>
32
33 <!-- jQuery Validation -->
34 <script>
35 $(document).ready(function() {
36   if ($("#user_create").length > 0) {
37     $("#user_create").validate({
38       rules: {
39         name: {
40           required: true,
41           minlength: 3
42         },
43         email: {
44           required: true,
45           email: true,
46           maxlength: 50
47         },
48       },
49       messages: {
50         name: {
51           required: "Please enter your name",
52           minlength: "Name must be at least 3 characters"
53         },
54         email: {
55           required: "Please enter your email address",
56           email: "Please enter a valid email",
57           maxlength: "Email should not exceed 50 characters"
58         },
59       },
60       errorElement: 'span',
61       errorClass: 'text-danger',
62       highlight: function(element) {
63
64         $(element).addClass('is-invalid');
65       },
66       unhighlight: function(element) {
67         $(element).removeClass('is-invalid');
68       }
69     });
70   });
71 </script>
```

```
72 </body>
73 </html>
```

## Edit-user.php

```
p > Views > 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         <!-- Tampilan 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="= base_url('public/index.php/users/update')"; ?&gt;"&gt;
28                     name="edit-user"
29                     id="edit-user"
30                     method="post"
31                     accept-charset="utf-8"&gt;
32
33                     &lt;!-- ID tersembunyi --&gt;
34                     &lt;input type="hidden"
35                         name="id"
36                         class="form-control"
37                         id="id"
38
39                         value="<?= $user['id'] ?&gt;"&gt;
40
41                     &lt;!-- Nama --&gt;
42                     &lt;div class="form-group"&gt;
43                         &lt;label for="name"&gt;Name&lt;/label&gt;
44                         &lt;input
45                             type="text"
46                             name="name"
47                             class="form-control"
48                             id="name"
49                             placeholder="Please enter name"
50                             value="<?= $user['name'] ?&gt;"&gt;
51
52                     &lt;!-- Email --&gt;
53                     &lt;div class="form-group"&gt;
54                         &lt;label for="email"&gt;Email&lt;/label&gt;
55                         &lt;input
56                             type="text"
57                             name="email"
58                             class="form-control"
59                             id="email"
60                             placeholder="Please enter email address"
61                             value="<?= $user['email'] ?&gt;"&gt;
62
63                     &lt;div class="form-group mt-3"&gt;
64                         &lt;button type="submit" id="send_form" class="btn btn-success"&gt;Update&lt;/button&gt;
65                         &lt;a href="<?= base_url('public/index.php/users')"; ?&gt;" class="btn btn-secondary"&gt;Cancel&lt;/a&gt;
66
67             &lt;/div&gt;
68
69         &lt;/div&gt;
70
71     &lt;/div&gt;
72
73 &lt;/body&gt;</pre
```



### Edit User Data

Name

Admin

Email

admin@test.com

Update Cancel

```
37
38         <!-- ID tersembunyi -->
39         <input type="hidden"
40             name="id"
41             class="form-control"
42             id="id"
43
44             value="= $user['id'] ?&gt;"&gt;
45
46         &lt;!-- Nama --&gt;
47         &lt;div class="form-group"&gt;
48             &lt;label for="name"&gt;Name&lt;/label&gt;
49             &lt;input
50                 type="text"
51                 name="name"
52                 class="form-control"
53                 id="name"
54                 placeholder="Please enter name"
55                 value="<?= $user['name'] ?&gt;"&gt;
56
57         &lt;!-- Email --&gt;
58         &lt;div class="form-group"&gt;
59             &lt;label for="email"&gt;Email&lt;/label&gt;
60             &lt;input
61                 type="text"
62                 name="email"
63                 class="form-control"
64                 id="email"
65                 placeholder="Please enter email address"
66                 value="<?= $user['email'] ?&gt;"&gt;
67
68         &lt;div class="form-group mt-3"&gt;
69             &lt;button type="submit" id="send_form" class="btn btn-success"&gt;Update&lt;/button&gt;
70             &lt;a href="<?= base_url('public/index.php/users')"; ?&gt;" class="btn btn-secondary"&gt;Cancel&lt;/a&gt;
71
72     &lt;/div&gt;
73
74 &lt;/body&gt;</pre
```

```
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    }
111  })
```