Tugas Praktikum Pertemuan 4

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Code	Output

UserModel.php
 	
app > Models > UserModel.php
`<?php namespace App\Models;`
`use CodeIgniter\Database\ConnectionInterface;`
`use CodeIgniter\Model;`
 	
`class UserModel extends Model`
`{`
`  protected $table = 'users';`
 	
`  protected $allowedFields = ['name', 'email', 'contact_no', 'created_at'];`
`}`	

Database.php
 	
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',`
`  ],`
`  ];`
	Server: 127.0.0.1:8111 » Database: upj » Tabel: users "datatable demo table"
	Tampilkan semua | Jumlah baris: 25
	Extra options
	
	id (Primary Key) | name (Name) | email (Email Address) | contact_no (Contact No) | created_at (Created date)
	Ubah Salin Hapus 2 Admin admin@test.com 9000000002 2019-01-02
	Ubah Salin Hapus 3 User user@test.com 9000000003 2019-01-03
	Ubah Salin Hapus 4 Editor editor@test.com 9000000004 2019-01-04
	Ubah Salin Hapus 5 Writer writer@test.com 9000000005 2019-01-05
	Ubah Salin Hapus 6 Contact contact@test.com 9000000006 2019-01-06
	Ubah Salin Hapus 7 Manager manager@test.com 9000000007 2019-01-07
	Ubah Salin Hapus 8 John john@test.com 9000000055 2019-01-08
	Ubah Salin Hapus 9 Merry merry@test.com 9000000088 2019-01-09
	Ubah Salin Hapus 10 Keliv kelvin@test.com 9000550088 2019-01-10
	Ubah Salin Hapus 11 Herry herry@test.com 9050550088 2019-01-11
	Ubah Salin Hapus 12 Mark mark@test.com 9050550998 2019-01-12
	Ubah Salin Hapus 16 ppp info@test.com 9999999 2019-01-01

Routes.php

> Config > Routes.php

```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

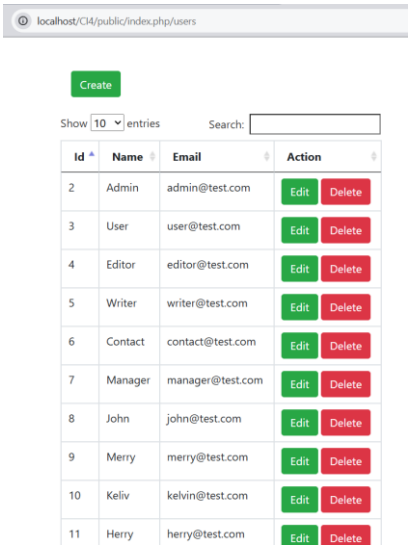
```php
<?php namespace App\Controllers;

use CodeIgniter\Controller;
use App\Models\UserModel;

class Users extends Controller
{

    public function __construct()
    {
        $this->model = new UserModel();
    }


    public function index()
    {
        $model = new UserModel();

        $data['users'] = $model->orderBy('id', 'DESC')->findAll();

        return view('users', $data);
    }

    public function create()
    {
        return view('create-user');
    }

    public function store()
    {

        helper(['form', 'url']);

        $model = new UserModel();

        $data = [
```

```
        $data = [

            'name' => $this->request->getVar('name'),
            'email'  => $this->request->getVar('email'),
            'contact_no' => $this->request->getVar('contact_no'),
            'created_at'  => $this->request->getVar('created_at'),
            ];

        $save = $model->insert($data);

        return redirect()->to( base_url('public/index.php/users') );
    }

    // public function edit($id = null)
    // {

    //  $model = new UserModel();

    //  $data['user'] = $model->where('id', $id)->first();

    //  return view('public/index.php/edit-user', $data);
    // }

    public function edit($id = null)
    {
        if ($id === null) {
            throw \CodeIgniter\Exceptions\PageNotFoundException::forPageNotFound("ID user tidak ditemukan");
        }

        $user = $this->model->find($id);
        if (!$user){
            throw \CodeIgniter\Exceptions\PageNotFoundException::forPageNotFound("User dengan id ($id) tidak ditemukan");
        }
```

```
    public function edit($id = null)

    public function update()
    {

        helper(['form', 'url']);

        $model = new UserModel();

        $id = $this->request->getVar('id');

        $data = [

            'name' => $this->request->getVar('name'),
            'email'  => $this->request->getVar('email'),
            'contact_no' => $this->request->getVar('contact_no'),
            'created_at' => $this->request->getVar('created_at'),
            ];

        $save = $model->update($id,$data);

        return redirect()->to( base_url('public/index.php/users') );
    }

    public function delete($id = null)
    {

     $model = new UserModel();

     $data['user'] = $model->where('id', $id)->delete();

     return redirect()->to( base_url('public/index.php/users') );
    }
}
```

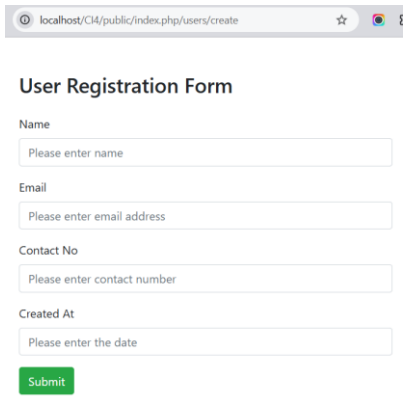
user.php

```
app > Views > users.php
<!doctype html>
<html lang="en">
  <head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <title>Codeigniter 4 users List Example - Tutsmake.com</title>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>

<div class="container mt-5">
    <a href="<?php echo site_url('public/index.php/users/create') ?>" class="btn btn-success mb-2">Create</a>
    <?php
     if(isset($_SESSION['msg'])){
        echo $_SESSION['msg'];
     }
     ?>
  <div class="row mt-3">
    <table class="table table-bordered" id="users">
      <thead>
        <tr>
          <th>Id</th>
          <th>Name</th>
          <th>Email</th>
          <th>Action</th>
        </tr>
      </thead>
      <tbody>
        <?php if($users): ?>
        <?php foreach($users as $user): ?>
        <tr>
          <td><?php echo $user['id']; ?></td>
          <td><?php echo $user['name']; ?></td>
          <td><?php echo $user['email']; ?></td>
          <td>
           <a href="<?php echo base_url('public/index.php/users/edit/'.$user['id']);?>" class="btn btn-success">Edit</a>
           <a href="<?php echo base_url('public/index.php/users/delete/'.$user['id']);?>" class="btn btn-danger">Delete</a>
          </td>
        </tr>
        <?php endforeach; ?>
        <?php endif; ?>
      </tbody>
    </table>
  </div>
</div>

<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

<link rel="stylesheet" type="text/css" href="https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css">

<script src="https://cdn.datatables.net/1.10.20/js/jquery.dataTables.min.js" type="text/javascript"></script>

<script>
    $(document).ready( function () {
      $('#users').DataTable();
  } );
</script>
</body>
</html>
```



create-user.php

```
app > Views > create-user.php
<!DOCTYPE html>
<html>
<head>
  <title>CodeIgniter 4 User Form With Validation Example</title>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

  <!-- jQuery & Validation -->
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/jquery.validate.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/additional-methods.min.js"></script>
</head>

<body>
<div class="container mt-5">

  <h3 class="mb-4">User Registration Form</h3>

  <!-- tampilkan error dari server -->
  <?= \Config\Services::validation()->listErrors(); ?>

  <!-- pesan sukses -->
  <span class="d-none alert alert-success mb-3" id="res_message"></span>

  <div class="row">
    <div class="col-md-8">

      <form action="<?php echo base_url('public/index.php/users/store'); ?>"
            name="user_create"
            id="user_create"
            method="post"
            accept-charset="utf-8">

        <div class="form-group">
          <label for="name">Name</label>
          <input
            type="text"
            name="name"
```



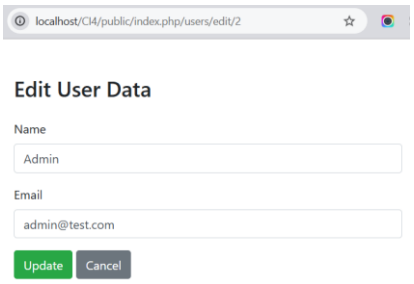
```
            name="name"
            class="form-control"
            id="name"
            placeholder="Please enter name">
        </div>

        <div class="form-group">
          <label for="email">Email</label>
          <input
            type="text"
            name="email"
            class="form-control"
            id="email"
            placeholder="Please enter email address">
        </div>

        <div class="form-group">
          <label for="contact_no">Contact No</label>
          <input type="number" name="contact_no" class="form-control" id="contact_no" placeholder="Please enter contact number">
        </div>

        <div class="form-group">
          <label for="created_at">Created At</label>
          <input type="text" name="created_at" class="form-control" id="created_at" placeholder="Please enter the date">
        </div>

        <div class="form-group">
          <button type="submit" id="send_form" class="btn btn-success">Submit</button>
        </div>

      </form>
    </div>
```

```
    </div>
  </div>
</div>

<!-- jQuery Validation -->
<script>
$(document).ready(function() {
  if ($("#user_create").length > 0) {
    $("#user_create").validate({
      rules: {
        name: {
          required: true,
          minlength: 3
        },
        email: {
          required: true,
          email: true,
          maxlength: 50
        },
      },
      messages: {
        name: {
          required: "Please enter your name",
          minlength: "Name must be at least 3 characters"
        },
        email: {
          required: "Please enter your email address",
          email: "Please enter a valid email",
          maxlength: "Email should not exceed 50 characters"
        },
      },
      errorElement: 'span',
      errorClass: 'text-danger',
      highlight: function(element) {
```

```
        highlight: function(element) {
          $(element).addClass('is-invalid');
        },
        unhighlight: function(element) {
          $(element).removeClass('is-invalid');
        }
      });
    }
  });
  </script>

  </body>
  </html>
```

Edit-user.php

```
p > Views > edit-user.php
<!DOCTYPE html>
<html>
<head>
  <title>CodeIgniter 4 Edit User Form With Validation Example</title>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">

  <!-- jQuery & Validation -->
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/jquery.validate.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/additional-methods.min.js"></script>
</head>

<body>
<div class="container mt-5">

  <h3 class="mb-4">Edit User Data</h3>

  <!-- Tampilkan error dari server -->
  <?= \Config\Services::validation()->listErrors(); ?>

  <!-- Pesan sukses -->
  <span class="d-none alert alert-success mb-3" id="res_message"></span>

  <div class="row">
    <div class="col-md-8">

      <form action="<?= base_url('public/index.php/users/update'); ?>"
            name="edit-user"
            id="edit-user"
            method="post"
            accept-charset="utf-8">

        <!-- ID tersembunyi -->
        <input type="hidden"
               name="id"
               class="form-control"
               id="id"
               id="id"
               value="<?= $user['id'] ?>">

        <!-- Nama -->
        <div class="form-group">
          <label for="name">Name</label>
          <input
            type="text"
            name="name"
            class="form-control"
            id="name"
            placeholder="Please enter name"
            value="<?= $user['name'] ?>">
        </div>

        <!-- Email -->
        <div class="form-group">
          <label for="email">Email</label>
          <input
            type="text"
            name="email"
            class="form-control"
            id="email"
            placeholder="Please enter email address"
            value="<?= $user['email'] ?>">
        </div>

        <div class="form-group mt-3">
          <button type="submit" id="send_form" class="btn btn-success">Update</button>
          <a href="<?= base_url('public/index.php/users'); ?>" class="btn btn-secondary">Cancel</a>
        </div>
```



```
<!-- jQuery Validation -->
<script>
$(document).ready(function() {
  if ($("#edit-user").length > 0) {
    $("#edit-user").validate({
      rules: {
        name: {
          required: true,
          minlength: 3
        },
        email: {
          required: true,
          email: true,
          maxlength: 50
        },
      },
      messages: {
        name: {
          required: "Please enter your name",
          minlength: "Name must be at least 3 characters"
        },
        email: {
          required: "Please enter your email address",
          email: "Please enter a valid email format",
          maxlength: "Email should not exceed 50 characters"
        },
      },
      errorElement: 'span',
      errorClass: 'text-danger',
      highlight: function(element) {
        $(element).addClass('is-invalid');
      },
      unhighlight: function(element) {
        $(element).removeClass('is-invalid');
      }
    });
  }
```