

## Tugas Praktikum Pertemuan 11

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Code	Output
<b>.env</b>  CI_ENVIRONMENT = development	
<b>Routes.php</b>  <pre>app &gt; Config &gt; Routes.php 1  &lt;?php 2 3  use CodeIgniter\Router\RouteCollection; 4 5  /** 6   * @var RouteCollection \$routes 7   */ 8 9  \$routes-&gt;get('/', 'Home::index'); 10 11 \$routes-&gt;get('/register', 'Register::index'); 12 \$routes-&gt;post('/register/simpan', 'Register::simpan');</pre>	
<b>App.php</b>  <pre>app &gt; Config &gt; App.php 1  &lt;?php 2 3  namespace Config; 4 5  use CodeIgniter\Config\BaseConfig; 6 7  class App extends BaseConfig 8  { 9 10    /** 11     * ----- 12     * Base Site URL 13     * ----- 14 15     * URL to your CodeIgniter root. Typically, this will be your base 16     * URL WITH a trailing slash: 17     * 18     * E.g., http://example.com/ 19     */ 20    public string \$baseURL = 'http://localhost/ci44'; 21 22    /** 23     * Allowed Hostnames in the Site URL other than the hostname in 24     * If you want to accept multiple Hostnames, set this. 25     * 26     * E.g., 27     * When your site URL (\$baseURL) is 'http://example.com/', and 28     * also accepts 'http://media.example.com/' and 'http://account. 29     * ['media.example.com', 'accounts.example.com'] 30     * 31     * @var list&lt;string&gt; 32    public array \$allowedHostnames = []; </pre>	
<b>Register.php</b>	

```
app > Controllers > Register.php
1  <?php
2
3  namespace App\Controllers;
4
5  use CodeIgniter\Controller;
6  use CodeIgniter\HTTP\CLIRequest;
7  use CodeIgniter\HTTP\IncomingRequest;
8  use CodeIgniter\HTTP\RequestInterface;
9  use CodeIgniter\HTTP\ResponseInterface;
10 use Psr\Log\LoggerInterface;
11
12 class Register extends Controller
13 {
14     public function index()
15     {
16         helper('form');
17         echo view('register_view');
18     }
19
20     public function simpan()
21     {
22         helper(['form']);
23
24         // RULES VALIDASI
25         $rules = [
26             'username' => [
27                 'rules' => 'required|is_unique[users.username]',
28                 'errors' => [
29                     'required' => 'Username tidak boleh kosong, silakan ulangi',
30                     'is_unique' => 'Username sudah terpakai, silakan ulangi',
31                 ]
32             ],
33
34             'password' => [
35                 'rules' => 'required|min_length[6]|max_length[10]',
36                 'errors' => [
37                     'required' => 'Password tidak boleh kosong, silakan ulangi!',
38                 ]
39             ],
40
41             'password_conf' => [
42                 'rules' => 'required|matches[password]',
43                 'errors' => [
44                     'required' => 'Konfirmasi password tidak boleh kosong!',
45                     'matches' => 'Password dan konfirmasi tidak sama, silakan ulangi!',
46                 ]
47             ],
48
49             'namadepan' => [
50                 'rules' => 'required',
51                 'errors' => [
52                     'required' => 'Nama Depan tidak boleh kosong, silakan ulangi!',
53                 ]
54             ],
55
56             'namabelakang' => [
57                 'rules' => 'required',
58                 'errors' => [
59                     'required' => 'Nama Belakang tidak boleh kosong, silakan ulangi!',
60                 ]
61             ],
62
63             'email' => [
64                 'rules' => 'required|min_length[5]|valid_email',
65                 'errors' => [
66                     'required' => 'Email tidak boleh kosong, silakan ulangi',
67                     'min_length' => 'Masa sih email cuma 5 karakter? Silakan ulangi!',
68                     'valid_email'=> 'Email tidak valid, silakan ulangi!',
69                 ]
70             ],
71
72         ];
73
74         // PROSES VALIDASI
75         if ($this->validate($rules)) (
76             echo "Data telah tervalidasi!";
77         ) else {
78             $data['validasi'] = $this->validator;
79             echo view('register_view', $data);
80         }
81     }
82 }
83 ?>
```

## register\_view.php

```
<div>
    <div>
        <div>
            <div><h1>Login</h1></div>
            <div></div>
            <div>
                <div><h2>Masuk</h2></div>
                <div><form>
                    <div><input type="text" class="form-control" id="username" placeholder="Masukkan username" name="username" value=""/><input type="password" class="form-control" id="password" placeholder="Masukkan password" name="password" value=""/></div>
                    <div><input type="text" class="form-control" id="password2" placeholder="Masukkan konfirmasi password" name="password2" value=""/></div>
                    <div><input type="checkbox" class="form-control" id="rememberMe" checked="" name="rememberMe" value="checked"/></div>
                    <div><button type="submit" class="btn btn-primary" value="Submit"><span>Submit</span></button></div>
                </form>
            </div>
        </div>
    </div>
</div>
```

<pre> 11 &lt;div&gt;&lt;form&gt; 12   &lt;div class="form-floating mb-3"&gt; 13     &lt;input type="password" class="form-control" id="password" placeholder="Masukkan konfirmasi password" name="password"&gt; 14     &lt;label for="password"&gt;Konfirmasi Password&lt;/label&gt; 15   &lt;/div&gt; 16 17   &lt;div class="form-floating mb-3"&gt; 18     &lt;input type="text" class="form-control" id="namadepan" placeholder="Masukkan nama depan" name="namadepan" value=&gt; set_value('namadepan') /&gt; 19     &lt;label for="namadepan"&gt;Nama Depan&lt;/label&gt; 20   &lt;/div&gt; 21 22   &lt;div class="form-floating mb-3"&gt; 23     &lt;input type="text" class="form-control" id="namabelakang" placeholder="Masukkan nama belakang" name="namabelakang" value=&gt; set_value('namabelakang') /&gt; 24     &lt;label for="namabelakang"&gt;Nama Belakang&lt;/label&gt; 25   &lt;/div&gt; 26 27   &lt;div class="form-floating mb-3"&gt; 28     &lt;input type="text" class="form-control" id="email" placeholder="Enter email" name="email" value=&gt; set_value('email') /&gt; 29     &lt;label for="email"&gt;Email&lt;/label&gt; 30   &lt;/div&gt; 31 32   &lt;button type="submit" class="btn btn-primary"&gt;Submit&lt;/button&gt; 33 &lt;/form&gt; 34 35 &lt;/div&gt; 36 &lt;/div&gt; </pre>	<p>localhost/ci44/public/register</p> <h3>Formulir Registrasi</h3> <p>Isilah formulir di bawah ini dengan benar!</p> <p>Username</p> <p>Password</p> <p>Konfirmasi Password</p> <p>Nama Depan</p> <p>Nama Belakang</p> <p>Email</p> <p>Submit</p>
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## Database.php

```

app > Config > Database.php
11 {
12   public string $defaultGroup = 'default';
13
14   /**
15    * The default database connection.
16    *
17    * @var array<string, mixed>
18   */
19
20   public array $default = [
21     'DSN'          => '',
22     'hostname'     => 'localhost',
23     'username'     => 'root',
24     'password'     => '',
25     'database'     => 'upj',
26     'DBDriver'     => 'MySQLi',
27     'DBPrefix'     => '',
28     'pConnect'     => false,
29     'DBDebug'      => true,
30     'charset'      => 'utf8mb4',
31     'DBCollat'     => 'utf8mb4_general_ci',
32     'swapPre'      => '',
33     'encrypt'      => false,
34     'compress'     => false,
35     'stricton'     => false,
36     'failover'     => [],
37     'port'         => 8111,
38     'numberNative' => false,
39     'foundRows'    => false,
40     'dateFormat'   => [
41       'date'        => 'Y-m-d',
42       'datetime'    => 'Y-m-d H:i:s',
43       'time'        => 'H:i:s',
44     ],
45   ];
46 }

```

## UserModel.php

```

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_a
10 }

```

## PenggunaModel.php

```

app > Models > PenggunaModel.php
1  use App\Utility\{
2      Config,
3      Database\ConnectionInterface;
4  } use CodeIgniter\Model;
5
6  class UserModel extends Model
7  {
8      protected $table = 'pengguna';
9
10     protected $allowedFields = ['username', 'password', 'namadepan', 'namabelakang', 'email', 'created_at', 'updated_at'];
11 }

```

## 2025-11-19-094828\_Users.php

```

app > Database > Migrations > 2025-11-19-094828_Users.php
1  <?php
2
3  namespace App\Database\Migrations;
4  use CodeIgniter\Database\Migration;
5
6  class Users extends Migration
7  {
8      public function up()
9      {
10         /*
11             - username varchar(20) primary key not null
12             - password varchar(200) not null
13             - namadepan varchar(20) not null
14             - namabelakang varchar(20)
15             - email varchar(20)
16         */
17
18         $this->forge->addField([
19             'username' => [
20                 'type'      => 'VARCHAR',
21                 'constraint' => 20,
22             ],
23             'password' => [
24                 'type'      => 'VARCHAR',
25                 'constraint' => 200,
26             ],
27             'namadepan' => [
28                 'type'      => 'VARCHAR',
29                 'constraint' => 20,
30             ],
31             'namabelakang' => [
32                 'type'      => 'VARCHAR',
33                 'constraint' => 20,
34                 'null'      => true,
35             ],
36             'email' => [
37                 'type'      => 'VARCHAR',
38                 'constraint' => 20,
39             ],
40             'created_at' => [
41                 'type' => 'DATETIME',
42                 'null' => true,
43             ],
44             'updated_at' => [
45                 'type' => 'DATETIME',
46                 'null' => true,
47             ],
48         ]);
49
50         // Primary key = username
51         $this->forge->addKey('username', true);
52
53         // Buat tabel
54         $this->forge->createTable('pengguna');
55     }
56
57     public function down()
58     {
59     }
60 }

```

The screenshot shows the MySQL Workbench interface with the following details:

- Server:** 127.0.0.1:8111
- Database:** upj
- Table:** pengguna
- Structure:** Shows the table structure with columns: username, password, namadepan, namabelakang, email, created\_at, and updated\_at.
- SQL:** A query window showing the SQL command: `SELECT * FROM `pengguna``.
- Operations:** Buttons for Profil, Edit dikotak, Ubah, Jelaskan SQL, Buat kode PHP, and Segarkan.