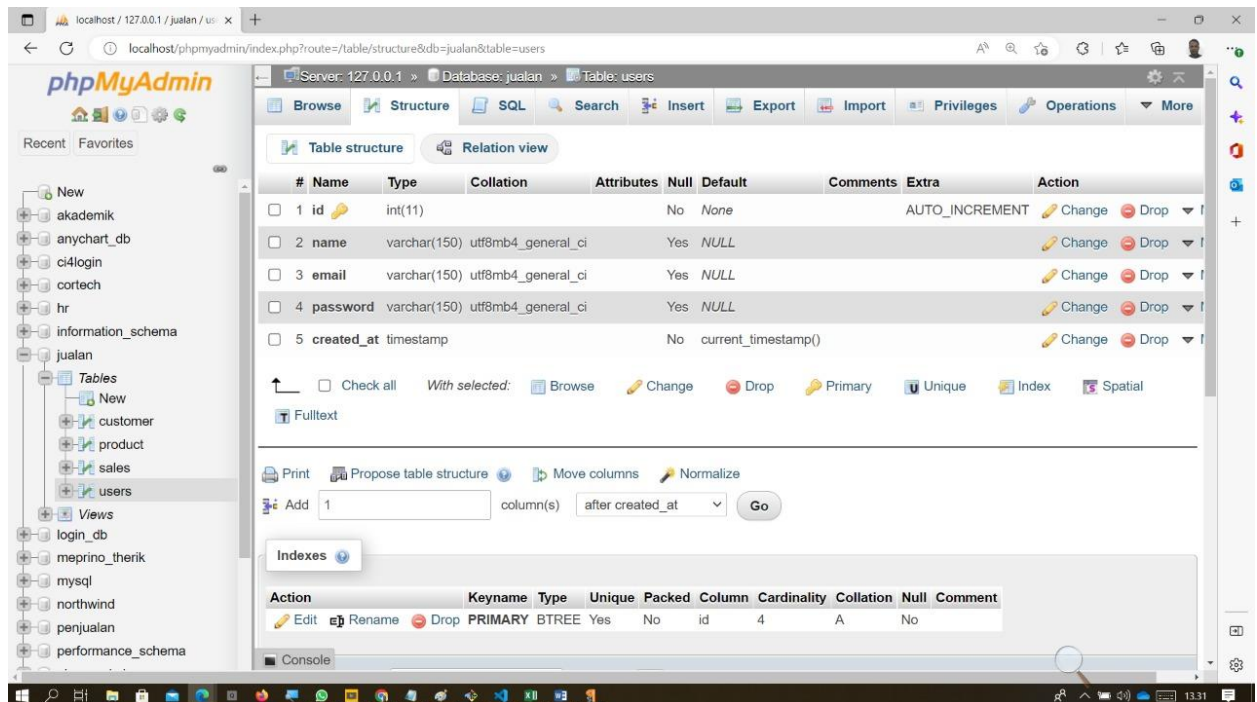


1. Buat tabel **users** di database yang sudah dibuat sebelumnya



2. Buat model **userModel.php** di dalam Models

```
<?php
namespace App\Models;
use CodeIgniter\Model;

class userModel extends Model
{
    protected $table = "users";

    protected $allowedFields = [
        'name',
        'email',
        'password',
        'created_at'
    ];
}
```

### 3. Buat **Login.php** di Controllers

```
<?php

namespace App\Controllers;

use App\Controllers\BaseController;
use App\Models\UserModel;

class Login extends BaseController
{
    protected $session;

    public function index()
    {
        return view('login');
    }

    function createUser()
    {
        $userModel = new UserModel();
        $data = [
            'name'      => 'changmin',
            'email'     => 'q@gmail.com',
            'password'  => password_hash('12345', PASSWORD_DEFAULT)
        ];
        $userModel->save($data);
    }
}
```

**Note : nama, email, password boleh diubah yaa!!**

### 4. Kalo udah, jalanin deh di browser [localhost:8080/Login/createUser](http://localhost:8080/Login/createUser)

Kalo datanya bertambah di tabel users, berarti berhasil. Yay!

	id	name	email	password	created_at
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	changmin	q@gmail.com	\$2y\$10\$81eIXN/339oaOO0b14Mk.Cd/5V67ja1jj7TrpmQPw....	2023-01-27 05:31:11

## 5. Buat login.php di Views

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Contoh Form Login</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.cs
s" integrity="sha384-
Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta2/css/all.min.css" integrity="sha512-
YWzhKL2whUzgiheMoBFwW8CKV4qPHQAEuvilg9FAn5VJUDwKZZxkJNuGM4XkWuk94WCrrwslk8
yWNGmY1EduTA==" crossorigin="anonymous" referrerpolicy="no-referrer" />

    <style>
      body {
        margin: 0;
        padding: 0;
        background-color: #17a2b8;
        height: 100vh;
      }
      #login .container #login-row #login-column #login-box {
        margin-top: 120px;
        max-width: 600px;
        height: 320px;
        border: 1px solid #9C9C9C;
        background-color: #EAEAEA;
      }
      #login .container #login-row #login-column #login-box #login-
form {
        padding: 20px;
      }
      #login .container #login-row #login-column #login-box #login-
form #register-link {
        margin-top: -85px;
      }
    </style>
  </head>
  <body>
```

```

<section>
  <div id="login">
    <h3 class="text-center text-white pt-5">LOGIN FORM</h3>
    <div class="container">
      <div id="login-row" class="row justify-content-center align-items-center">
        <div id="login-column" class="col-md-6">
          <div id="login-box" class="col-md-12">
            <?php if(session()->getFlashdata('msg')):?>
              <div class="alert alert-danger"><?=
session()->getFlashdata('msg') ?></div>
            <?php endif;?>
            <form id="login-form" class="form"
action="/login" method="post">
              <div class="form-group">
                <label for="username" class="text-
info">Email:</label><br>
                <input type="email" name="email"
id="email" class="form-control" required >
              </div>
              <div class="form-group">
                <label for="password" class="text-
info">Password:</label><br>
                <input type="password"
name="password" id="password" class="form-control" required>
              </div>
              <div class="form-group">
                <button type="submit"
name="submit" class="btn btn-info btn-md" > LOGIN</button>
              </div>
            </form>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"
integrity="sha512-
894YE6QWD5I59HgZOGReFYm4dnWc1Qt5NtvySaNCOP+u1T9qYdvdihez0PPSiqn/+/3e7Jo4Ea
G7TubfWGUrMQ==" crossorigin="anonymous" referrerpolicy="no-
referrer"></script>

```

```
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1"
crossorigin="anonymous"></script>

    </body>
</html>
```

## 6. Tambahkan ini di **Routes**

```
$routes->get('/login', 'Login::index');
$routes->get('/logout', 'Login::logout');
$routes->post('/login', 'Login::doLogin');
$routes->get('/home', 'Login::home');
```

7. Tambahkan function baru di Controller **Login.php** (di bawah function **createUser**)

```
public function doLogin()
{
    $email = $this->request->getVar('email');
    $password = $this->request->getVar('password');

    $user = new userModel();
    $data = $user->where('email', $email)->first();

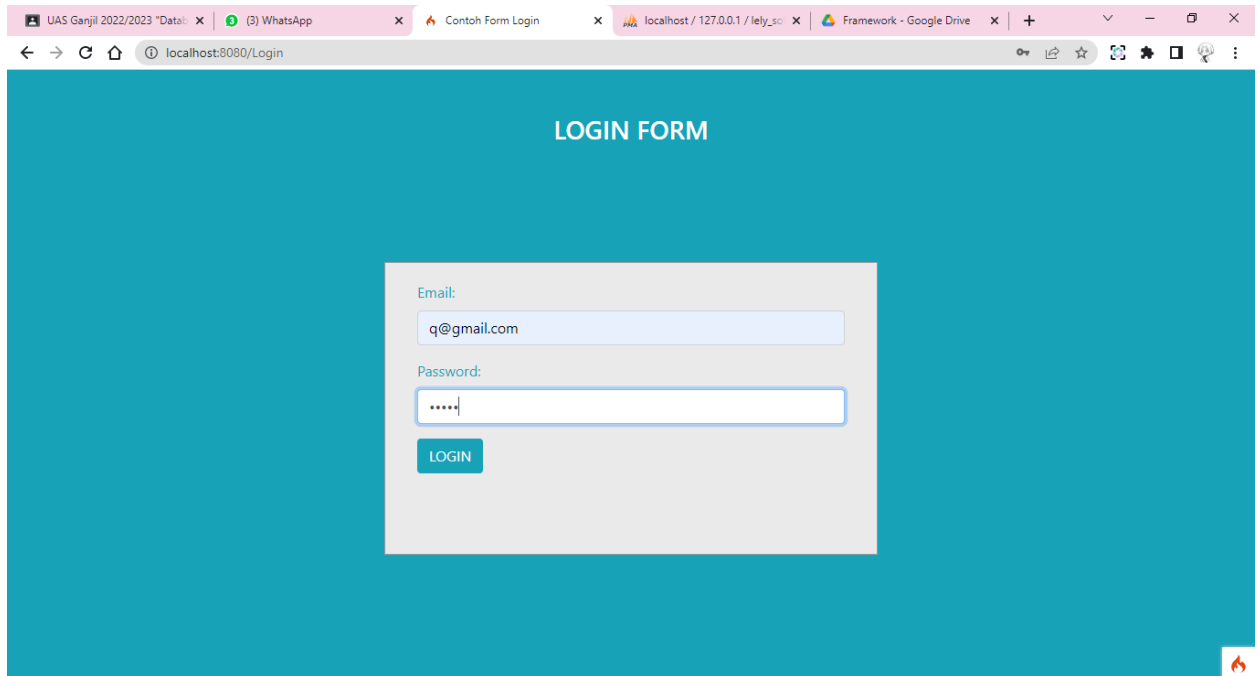
    if( $data )
    {
        $session = session();
        if(password_verify($password, $data['password']))
        {
            //create session
            $login = [
                'islogin' => true,
                'email' => $data['email'],
                'name' => $data['name']
            ];
            $session->set($login);
            // return redirect()->to('/home');
            echo "Login Berhasil";
        } else {
            $session->setFlashdata('msg', 'Email/Password Salah');
            return redirect()->to('/login');
        }
    }
}

public function logout()
{
    $session = session();
    $session->destroy();
    return redirect()->to('/login');
}

public function home()
{
    $session = session();
    $data["x"] = $session;
    return view('home', $data);
}
```

8. Kalo sudah, coba jalanin di browser. [localhost:8080/Login](http://localhost:8080/Login)

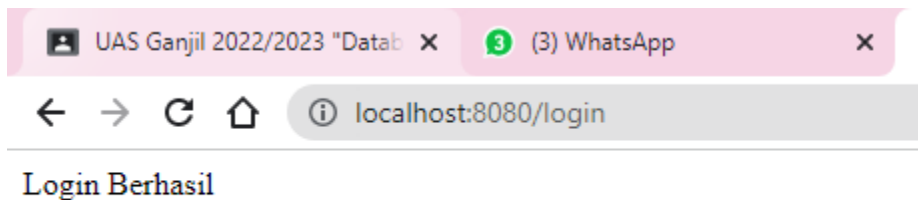
9. Login pakai email dan password yang tadi sudah dibuat



The screenshot shows a web browser window with the address bar displaying `localhost:8080/Login`. The page has a teal background and the title "LOGIN FORM" at the top. In the center, there is a light gray login form with the following elements:

- Email:** A text input field containing `q@gmail.com`.
- Password:** A text input field with masked characters (dots).
- LOGIN:** A blue button with white text.

10. Kalo tampil tulisan "Login Berhasil", berarti berhasil. Yay!!



Tapi belum selesai.....

## 11. Buat **home.php** di Views

```
<html>
  <head>

</head>
<body>
  <?php
    if (!$x->get('islogin'))
      return redirect()->route('login');
  ?>

  Selamat Datang di Aplikasi Ku, <?= $x->get('name')?> <br>
  <a href="\logout">Logout</a>
</body>
</html>
```



12. Buka Controller **Login.php**, di function **doLogin**, nonaktifin yang *echo "Login Berhasil"* (lihat anak panah oren), terus aktifin yang *return redirect()->to('/home');* (lihat anak panah biru)

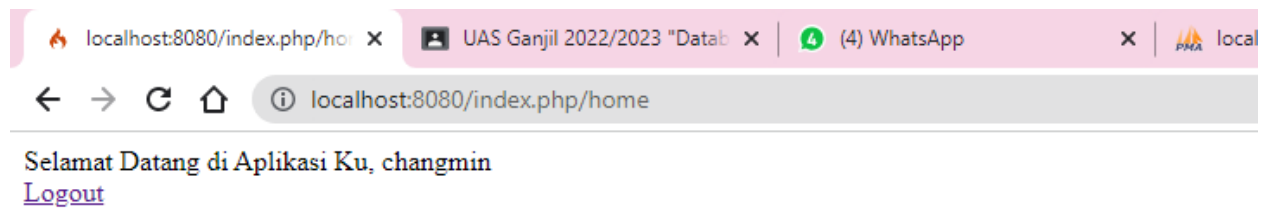
```
public function doLogin()
{
    $email = $this->request->getVar('email');
    $password = $this->request->getVar('password');

    $user = new userModel();
    $data = $user->where('email', $email)->first();

    if( $data )
    {
        $session = session();
        if(password_verify($password, $data['password']))
        {
            //create session
            $login = [
                'islogin' => true,
                'email' => $data['email'],
                'name' => $data['name']
            ];
            $session->set($login);
            return redirect()->to('/home'); ←
            //echo "Login Berhasil"; ←
        } else {
            $session->setFlashdata('msg', 'Email/Password Salah');
            return redirect()->to('/login');
        }
    }
}
```

13. Kalo sudah, jalanin deh di browser **localhost:8080/Login**  
Terus login kayak tadi

14. Kalo tampilannya gini, tandanya berhasil



15. Coba klik logout, bisa ga. Kalo bisa yaudah selesai.

Sekian dan terima changmin

