**Routes.php**

<?php

use CodeIgniter\Router\RouteCollection;

/\*\*

 \* @var RouteCollection $routes

 \*/

$routes->get('/', 'Home::index');

$routes->get('/v2', 'Home::version');

$routes->get('/v2(:num)', 'Home::version/$1');

$routes->get('/v2(:num)/(:any)', 'Home::version/$1/$2');

$routes->get('login', 'Login::index');

$routes->get('register', 'Register::index');

$routes->post('login', 'Login::do\_login');

$routes->post('register', 'Register::do\_register');

$routes->get('dashboard', 'Dashboard::index');

// $routes->setDefaultNamespace('App/Controllers');

// $routes->setDefaultController('Home');

// $routes->setDefaultMethod('index');

// $routes->setTranslateURIDashes(false);

// $routes->setAutoRoute(true);

// $routes->set404Override();

**UserModel.php**

<?php

namespace App\Models;

use CodeIgniter\Model;

class UserModel extends Model

{

    protected $table = 'users';

    protected $primaryKey = 'id';

    protected $useAutoIncrement = 'true';

    protected $returnType = 'object';

    protected $useSoftDeletes = true;

    protected $allowedFields = ['name','email','password','created\_at','updated\_at'];

    protected $useTimestamps = false;

    protected $createdField = 'created\_at';

    protected $updatedField = 'updated\_at';

    protected $deletedField = 'deleted\_at';

    protected $validationRules = [];

    protected $validationMessages = [];

    protected $skipValidation = false;

}

?>

**Login.php**

<?php

namespace App\Controllers;

use App\Models\UserModel;

class Login extends BaseController

{

    public function index()

    {

        echo view('common/header');

        echo view('login');

        echo view('common/footer');

    }

    public function do\_login()

    {

        $userModel = new UserModel();

        $email = $this->request->getPost('email');

        $password = (String)$this->request->getPost('password');

        echo $password;

        $result = $userModel->where('email', $email)->first();

        print\_r($result);

        if ( $result->id > 0 ) {

            if (password\_verify($password, $result->password)) {

                $this->session->set("user", $result);

                return redirect()->to('/dashboard');

            } else {

                echo 'Invalid email or password';

            }

        } else {

            echo 'Invalid email or password';

        }

    }

    public function logout(){

        session\_destroy();

    }}

**Dashboard.php**

<?php

namespace App\Controllers;

class Dashboard extends BaseController

{

    public function index()

    {

        if ( session('user')->id < 1) {

            return redirect()->to('login');

        }

        echo view('common/header');

        return view('dashboard');

        echo view('common/footer');

    }

}

**Home.php**

<?php

namespace App\Controllers;

class Home extends BaseController

{

    public function index(): string

    {

        return view('welcome\_message');

    }

}

**Register.php**

<?php

namespace App\Controllers;

use App\Models\UserModel;

class Register extends BaseController

{

    public function index()

    {

        echo view('common/header');

        echo view('register');

        echo view('common/footer');

    }

    public function do\_register()

    {

        $userModel = new UserModel();

        $name = $this->request->getPost('name');

        $email = $this->request->getPost('email');

        $password = (String)$this->request->getPost('password');

        echo "Formdan alinan: ".$password;

        $password = password\_hash($password, PASSWORD\_BCRYPT);

        echo "<br> Hash lenen: ".$password;

        $data = [

            'name'=>$name,

            'email'=>$email,

            'password'=>$password

        ];

        // echo (String)$data;

        $r = $userModel->insert($data);

        echo "<br> r:".$r."<br>";

        if ( $r ) {

            echo "User Registered Successfully.";

        }else{

            echo "Error during registration!";

        }

    }

}

**BaseController.php**

<?php

namespace App\Controllers;

use CodeIgniter\Controller;

use CodeIgniter\HTTP\CLIRequest;

use CodeIgniter\HTTP\IncomingRequest;

use CodeIgniter\HTTP\RequestInterface;

use CodeIgniter\HTTP\ResponseInterface;

use Psr\Log\LoggerInterface;

/\*\*

 \* Class BaseController

 \*

 \* BaseController provides a convenient place for loading components

 \* and performing functions that are needed by all your controllers.

 \* Extend this class in any new controllers:

 \*     class Home extends BaseController

 \*

 \* For security be sure to declare any new methods as protected or private.

 \*/

abstract class BaseController extends Controller

{

    /\*\*

     \* Instance of the main Request object.

     \*

     \* @var CLIRequest|IncomingRequest

     \*/

    protected $request;

    /\*\*

     \* An array of helpers to be loaded automatically upon

     \* class instantiation. These helpers will be available

     \* to all other controllers that extend BaseController.

     \*

     \* @var list<string>

     \*/

    protected $helpers = [];

    /\*\*

     \* Be sure to declare properties for any property fetch you initialized.

     \* The creation of dynamic property is deprecated in PHP 8.2.

     \*/

    // protected $session;

    /\*\*

     \* @return void

     \*/

    public function initController(RequestInterface $request, ResponseInterface $response, LoggerInterface $logger)

    {

        // Do Not Edit This Line

        parent::initController($request, $response, $logger);

        // Preload any models, libraries, etc, here.

        // E.g.: $this->session = \Config\Services::session();

    }

}