Create database db\_tarefa4;

Use db\_tarefa4;

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

email VARCHAR(100) UNIQUE,

password VARCHAR(255)

);

Uma imagem com texto, software, captura de ecrã, Ícone de computador

Os conteúdos gerados por IA podem estar incorretos.

<?php

$host = 'localhost:3306';

$db = 'db\_tarefa4';

$user = 'root';

$pass = 'root';

$pdo = new PDO("mysql:host=$host;dbname=$db", $user, $pass);

function registarUtilizador($email, $password) {

    global $pdo;

   $hash = password\_hash($password, PASSWORD\_BCRYPT, ['cost' => 12]);

    $sql = "INSERT INTO users (email, password) VALUES (?, ?)";

    $stmt = $pdo->prepare($sql);

    return $stmt->execute([$email, $hash]);

}

if (isset($\_POST['registar'])) {

    $email = $\_POST['email'];

    $password = $\_POST['password'];

    if (registarUtilizador($email, $password)) {

        echo "Utilizador registado com sucesso!";

    } else {

        echo "Erro ao registar utilizador.";

    }

}

if (isset($\_POST['login'])) {

    $email = $\_POST['email'];

    $password = $\_POST['password'];

    $user = fazerLogin($email, $password);

    if ($user) {

        session\_start();

        $\_SESSION['user\_id'] = $user['id'];

        echo "Login realizado! Bem-vindo!";

    } else {

        echo "Email ou password incorretos.";

    }

}

function fazerLogin($email, $password) {

    global $pdo;

    $sql = "SELECT \* FROM users WHERE email = ?";

    $stmt = $pdo->prepare($sql);

    $stmt->execute([$email]);

    $user = $stmt->fetch();

    if ($user && password\_verify($password, $user['password'])) {

        return $user;

    }

    return false;

}

?>

<!DOCTYPE html>

<html>

<head>

    <title>Bcrypt</title>

    <style>

        body { font-family: Arial; margin: 50px; }

        .form { background: #f5f5f5; padding: 20px; margin: 20px 0; border-radius: 5px; }

        input { padding: 10px; margin: 5px; width: 200px; }

        button { padding: 10px 20px; background: #007cba; color: white; border: none; cursor: pointer; }

    </style>

</head>

<body>

    <h1>Bcrypt</h1>

    <div class="form">

        <h3>Registar</h3>

        <form method="POST">

            <input type="email" name="email" placeholder="Email" required><br>

            <input type="password" name="password" placeholder="Password" required><br>

            <button type="submit" name="registar">Registar</button>

        </form>

    </div>

        <div class="form">

        <h3>Login</h3>

        <form method="POST">

            <input type="email" name="email" placeholder="Email" required><br>

            <input type="password" name="password" placeholder="Password" required><br>

            <button type="submit" name="login">Login</button>

        </form>

    </div>

</body>

</html>