



Documento de Pruebas de API

GA7-220501096-AA5-EV02

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Proyecto: API – Registro e Inicio de Sesión

Ficha: (2977367)

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Herramienta utilizada: Postman

Se utilizó **Postman** como herramienta para realizar el testing de los servicios web construidos en la evidencia anterior (AA5-EV01). Se probaron los distintos **endpoints** de la API con diferentes escenarios posibles, tanto positivos como negativos, para validar su funcionamiento.

1 Registro de Usuario – Éxito

- **Método:** POST
- **Endpoint:** `http://localhost/api_login/register.php`

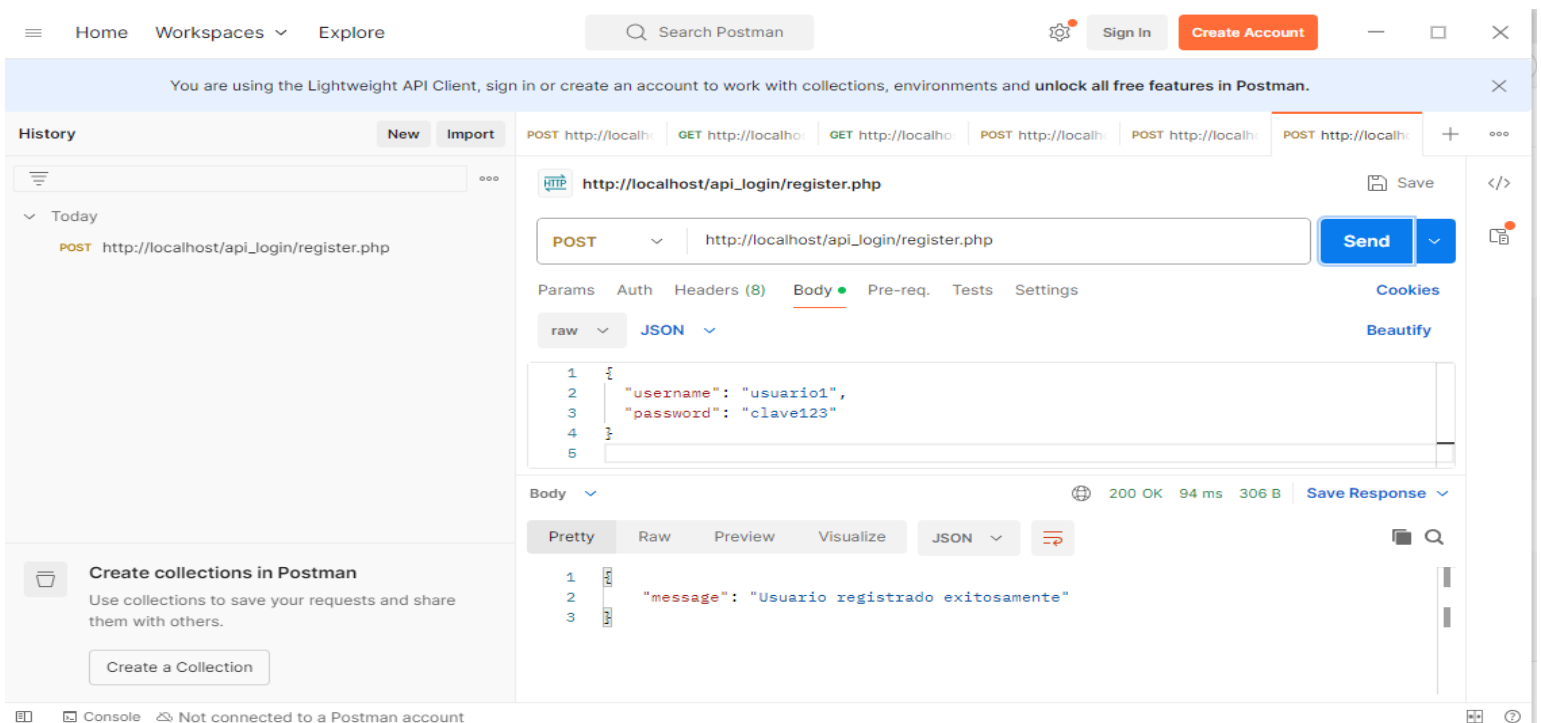
- **Cuerpo (JSON):**

```
{  
  "username": "usuario1",  
  "password": "clave123"  
}
```

- **Respuesta esperada:**

```
{"message": "Usuario registrado exitosamente"}
```

Captura de pantalla



2 Registro – Campos vacíos

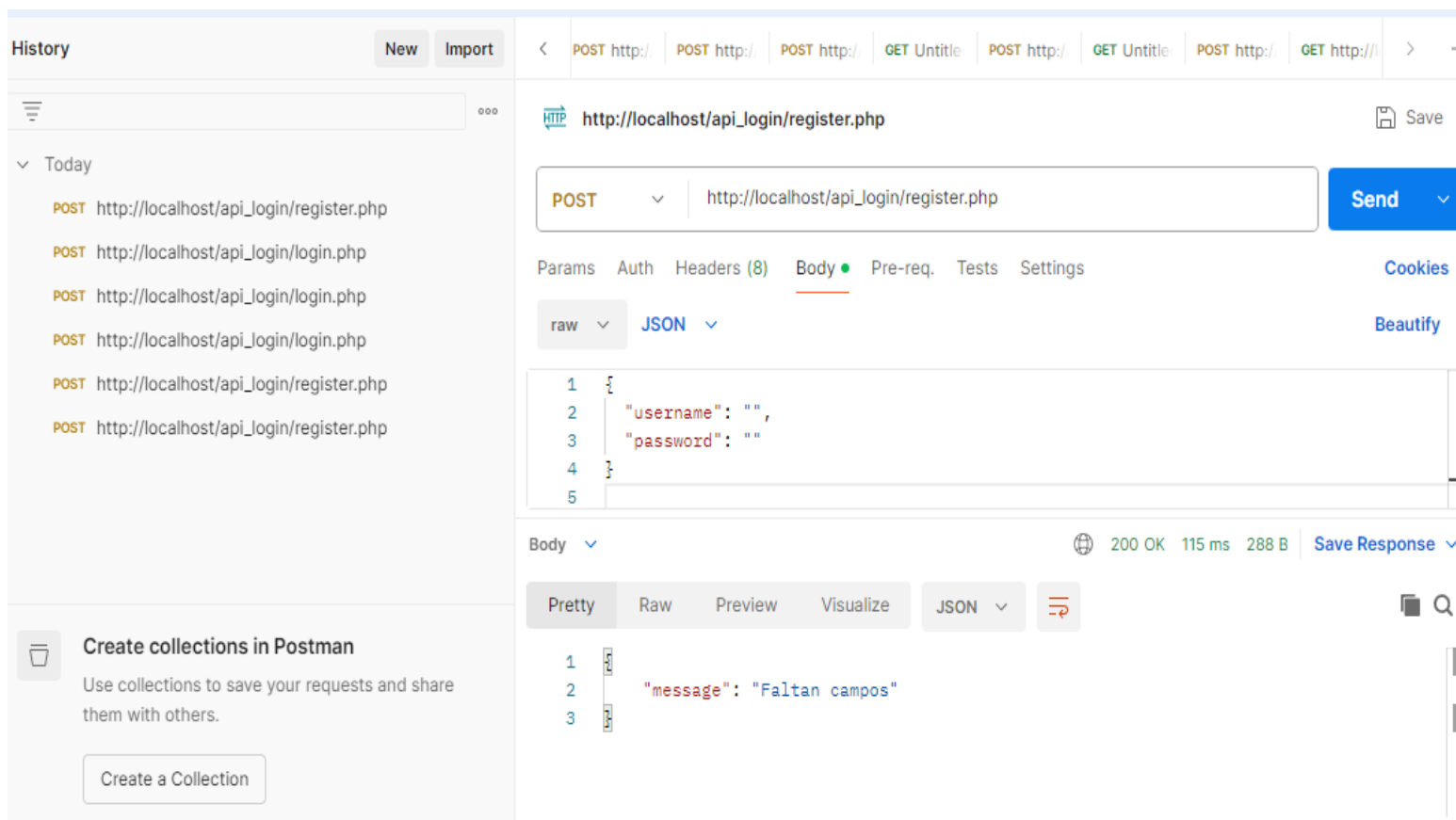
- **Método:** POST
- **Endpoint:** `http://localhost/api_login/register.php`
- **Cuerpo (JSON) :**

```
{  
  "username": "",  
  "password": ""  
}
```

Respuesta esperada:

```
{"message": "Faltan campos"}
```

Captura de pantalla



The screenshot displays the Postman interface. On the left, the 'History' panel shows a list of recent requests, including several POST requests to `http://localhost/api_login/register.php` and `http://localhost/api_login/login.php`. The main workspace shows a POST request to `http://localhost/api_login/register.php` with a JSON body containing empty strings for 'username' and 'password'. The 'Body' tab is selected, and the response is visible at the bottom: `{"message": "Faltan campos"}`. The status bar indicates a 200 OK response with a 115 ms latency and 288 B of data.

3 Login – Autenticación Exitosa

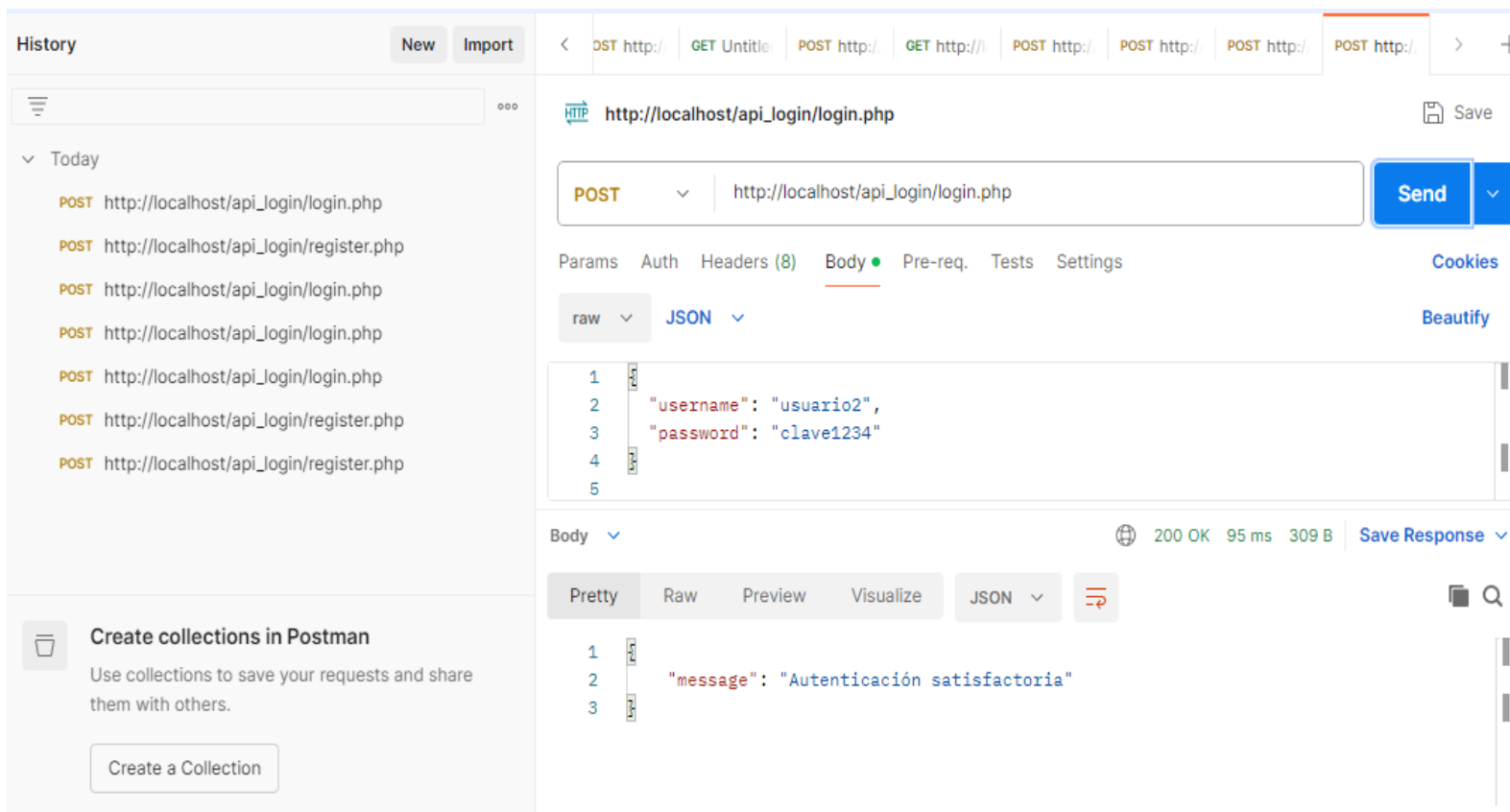
- **Método:** POST
- **Endpoint:** `http://localhost/api_login/login.php`
- **Cuerpo:**

```
{  
  
  "username": "usuario1",  
  
  "password": "clave123"  
}
```

Respuesta esperada:

```
{"message": "Autenticación satisfactoria"}
```

Captura de pantalla



The screenshot displays the Postman application interface. On the left, the 'History' panel shows a list of recent requests, including several POST requests to `http://localhost/api_login/login.php` and `http://localhost/api_login/register.php`. The main workspace shows a selected POST request to `http://localhost/api_login/login.php`. The 'Body' tab is active, displaying the request payload in JSON format: `{ "username": "usuario2", "password": "clave1234" }`. Below the request, the 'Body' section shows the response status as `200 OK` with a response time of `95 ms` and a size of `309 B`. The response body is displayed in the 'Pretty' tab as `{"message": "Autenticación satisfactoria"}`. A sidebar on the bottom left contains a 'Create collections in Postman' notification with a 'Create a Collection' button.

4 Login – Contraseña incorrecta

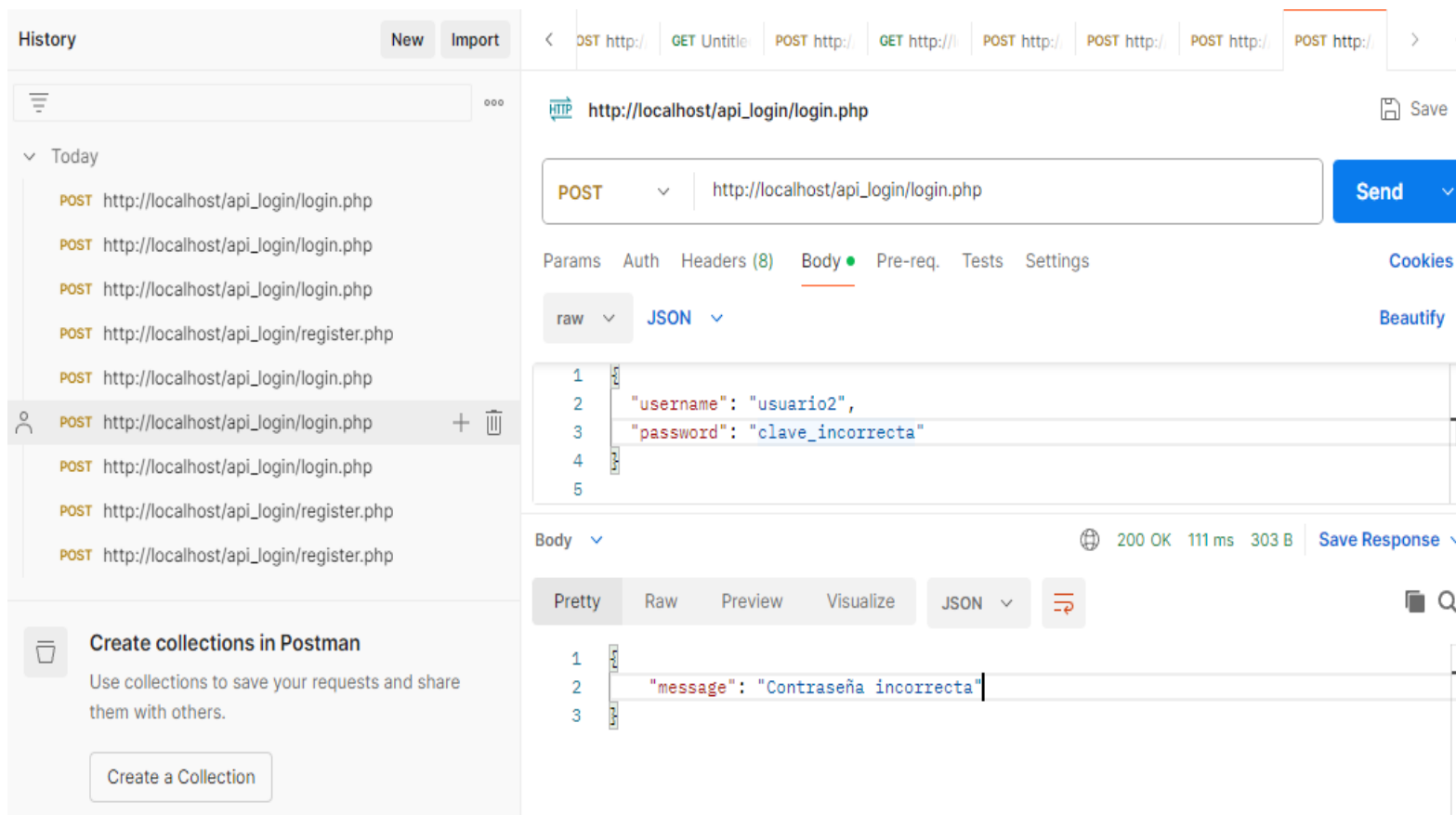
- **Cuerpo (JSON) :**

```
{  
  
  "username": "usuario1",  
  
  "password": "clave_incorrecta"  
}
```

Respuesta esperada:

```
{"message": "Contraseña incorrecta"}
```

Captura de pantalla



The screenshot displays the Postman application interface. On the left, the 'History' panel shows a list of recent requests, including several POST requests to `http://localhost/api_login/login.php` and `http://localhost/api_login/register.php`. The main workspace shows a POST request to `http://localhost/api_login/login.php` with a JSON body:

```
{  
  "username": "usuario2",  
  "password": "clave_incorrecta"  
}
```

The response is displayed in the 'Body' tab, showing a JSON object:

```
{  
  "message": "Contraseña incorrecta"  
}
```

The status bar at the bottom indicates a 200 OK response with a response time of 111 ms and a body size of 303 B. A 'Save Response' button is visible next to the status bar.

5 Login – Usuario no existe

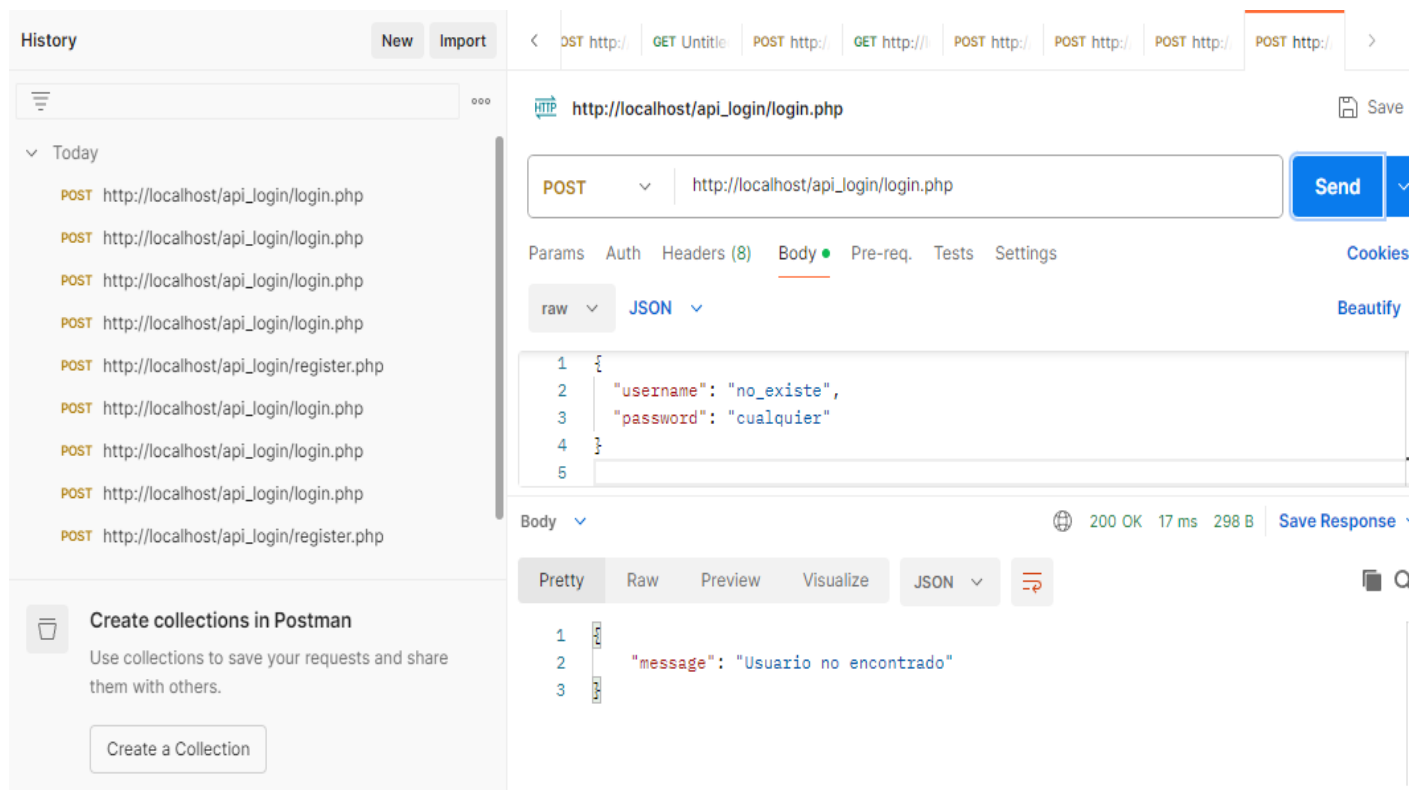
- **Cuerpo (JSON) :**

```
{  
  "username": "usuario_que_no_existe",  
  "password": "cualquier"  
}
```

} Respuesta esperada:

```
{"message": "Usuario no encontrado"}
```

Captura de pantalla



The screenshot displays the Postman interface for a REST client. On the left, the 'History' panel shows a list of recent requests, including several POST requests to `http://localhost/api_login/login.php` and one to `http://localhost/api_login/register.php`. The main workspace shows a selected POST request to `http://localhost/api_login/login.php`. The 'Body' tab is active, displaying a JSON payload: `{ "username": "no_existe", "password": "cualquier" }`. Below the request, the 'Body' section shows the response: `{ "message": "Usuario no encontrado" }`. The status bar indicates a 200 OK response with a 17 ms latency and 298 B of data. A 'Save Response' button is visible. In the bottom left, there is a prompt to 'Create collections in Postman' with a 'Create a Collection' button.

Conclusión

Las pruebas realizadas demuestran que los servicios desarrollados responden correctamente a distintos escenarios, permitiendo realizar registro e inicio de sesión con seguridad básica.