




Casos de prueba de servicios automatizados

Realizando la automatización de los servicios ofrecidos por los sitios web <https://jsonplaceholder.typicode.com/> y <https://reqres.in/> se obtuvieron los siguientes resultados:

Para el feature loginservice, se ejecutaron los siguientes tests:

4 PASSED		
100 % passed 4 executed	2 minutes ago Last Run	8.5 seconds Duration
 Windows 11	 OpenJDK 64-Bit Server VM 11.0.23+9	 cucumber-jvm 6.11.0

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Feature: Handling user service

i as a user want to create, read, update and delete users in order the access to the web page

Background:

✓ **Given** the user's in the web page "<https://reqres.in/api>"

@user @test1

Scenario: create an user

- ✓ **When** types information for a new user "Alice" "QA automation"
- ✓ **And** sends the create user request
- ✓ **Then** should get a response with status code 201
- ✓ **And** the name shown should be "Alice"

@user @test2

Scenario: get all users

- ✓ **When** requests for all users
- ✓ **Then** total pages should be 2
- ✓ **And** the status code should get a 200

@user @test3

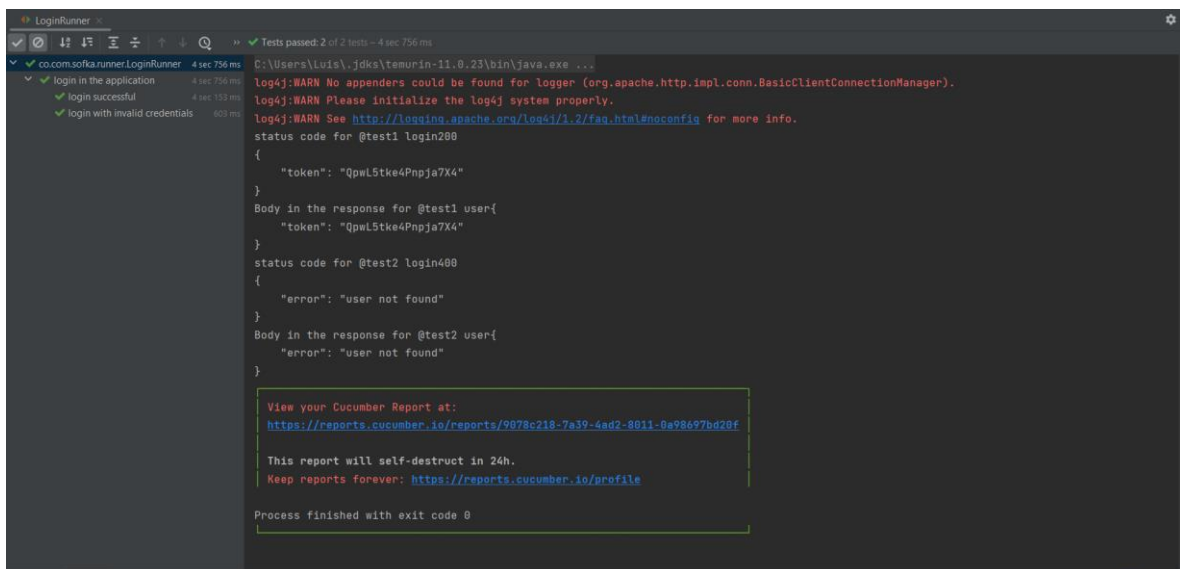
Scenario: update an user

- ✓ And with user id 7
- ✓ When type information to the user "Luis" "Leader"
- ✓ Then the status code for the update should be 200
- ✓ And the name should be "Luis"

@user @test4

Scenario: delete an user

- ✓ And has the user with id 8
- ✓ When executes the request for deleting
- ✓ Then should has a code 204



The screenshot shows a Java application window titled "LoginRunner". The interface includes a toolbar with icons for running, pausing, and other actions. The main area displays test results and logs. The test results show two tests passed: "login in the application" (4 sec 756 ms) and "login with invalid credentials" (603 ms). The logs show the following content:

```
log4j:WARN No appenders could be found for logger (org.apache.http.impl.conn.BasicClientConnectionManager).
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.




status code for @test1 login200
{
  "token": "QpwL5tke4Pnpja7X4"
}
Body in the response for @test1 user{
  "token": "QpwL5tke4Pnpja7X4"
}
status code for @test2 login400
{
  "error": "user not found"
}
Body in the response for @test2 user{
  "error": "user not found"
}

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https://reports.cucumber.io/reports/9878c218-7a39-4ad2-8011-9a98697bd29f

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Process finished with exit code 0
```

Para el feature postsservice, se ejecutaron los siguientes tests:

4 PASSED		
100 % passed 4 executed	a few seconds ago Last Run	4.22 seconds Duration
 Windows 11	 OpenJDK 64-Bit Server VM 11.0.23+9	 cucumber-jvm 6.11.0

Feature: Handling posts services

i as a user of JsonPlaceholder services want to create, read, update and delete posts in order to manage my content effectively

Background:

✓ **Given** the user is in the web page "https://jsonplaceholder.typicode.com"

@posts @test1

Scenario: Create a new post successfully

- ✓ **When** types information for a new post "Testing" "Posts service testing"
- ✓ **And** sends the request
- ✓ **Then** should receive a response with status code 201
- ✓ **And** the title should be "Testing"

@posts @test2

Scenario: get an existent post

- ✓ **And** has one posts id 5
- ✓ **When** requests for the id
- ✓ **Then** should has for title "nesciunt quas odio"
- ✓ **And** should has status code 200

@posts @test3

Scenario: update an existing post

- ✓ **And** with post id 2
- ✓ **When** type information for update 2 "title updated" "body updated"
- ✓ **And** executes the request
- ✓ **Then** should receive status code 200

@posts @test4

Scenario: delete a post

- ✓ **And** the post id to delete is 3
- ✓ **When** executes the delete request
- ✓ **Then** the status code should be 200

The screenshot shows a test runner interface with a sidebar on the left and a main panel on the right. The sidebar lists the following tests with their durations:

- co.com.sofka.runner.PostsRunner 4 sec 464 ms
- Handling posts services 4 sec 464 ms
- Create a new post successfully 3 sec 318 ms
- get an existent post 400 ms
- update an existing post 379 ms
- delete a post 369 ms

The main panel displays the logs for the 'Handling posts services' test. It shows a warning from log4j: 'WARN No appenders could be found for logger (org.apache.http.impl.conn.BasicClientConnectionManager). Please initialize the log4j system properly.' followed by a message: 'WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.' Below the logs, the test results are shown as JSON objects:

```
{
  "title": "Testing",
  "body": "Posts service testing",
  "userId": 1,
  "id": 101
}
```

Body in the response for @test1 posts{

```
{
  "title": "Testing",
  "body": "Posts service testing",
  "userId": 1,
  "id": 101
}
```

status code for @test1 posts201




```
{
  "userId": 1,
  "id": 5,
  "title": "nesciunt quas odio",
  "body": "repudiandae veniam quaerat sunt sed nalias aut fugiat sit autem sed est nvolutpatem omnis possimus esse voluptatibus quis nest a"
}
```

```
Body in the response for @test2 posts{
  "userId": 1,
  "id": 5,
  "title": "nesciunt quas odio",
  "body": "repudiandae veniam quaerat sunt sed\alias aut fugiat sit autem sed est\voluptatem omnis possimus esse voluptatibus quis\nest a
}
status code for @test2 posts200
status code for @test3 posts200
status code for @test4 posts200

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https://reports.cucumber.io/reports/3a582eb9-797b-497d-bd11-26edc9f6c9f4
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Process finished with exit code 0
```

Para el feature todosservice, se ejecutaron los siguientes tests:

3 PASSED		
100 % passed 3 executed	a few seconds ago Last Run	3.85 seconds Duration
 Windows 11	 OpenJDK 64-Bit Server VM 11.0.23+9	 cucumber-jvm 6.11.0

Feature: Handling todos service

i as a user of JsonPlaceholder services want to check my todo list to achieve the goals set

Background:

- ✓ **Given** the user is browsing the web page "<https://jsonplaceholder.typicode.com>"

@todos @test1

Scenario: list all todos by userId

- ✓ **And** queries by userId 1
- ✓ **When** sends the todos request
- ✓ **Then** the amount of todos should be 20
- ✓ **And** the status code would be 200

@todos @test2

Scenario: check completed value

- ✓ **And** queries by Id 4
- ✓ **When** executes the todos request
- ✓ **Then** the completed valued should be true
- ✓ **And** the status code shown would be 200

@todos @test3

Scenario: create a new todo




- ✓ **And** types information for a new todo for the user 5 "execute tests" "true"
- ✓ **When** executes the creation request
- ✓ **Then** should has a status code 201
- ✓ **And** in the title space should be "execute tests"

```
✓ co.com.sofka.runner.TodosRunner 3 sec 800 ms Body in the response for @test1 todos[
  ✓ Handling todos service 3 sec 800 ms {
  ✓ list all todos by userId 3 sec 214 ms   "userId": 1,
  ✓ check completed value 255 ms         "id": 1,
  ✓ create a new todo 331 ms             "title": "delectus aut autem",
                                         "completed": false
},
{
  "userId": 1,
  "id": 2,
  "title": "quis ut nam facilis et officia qui",
  "completed": false
},
{
  "userId": 1,
  "id": 3,
  "title": "fugiat veniam minus",
  "completed": false
},
{
  "userId": 1,
  "id": 4,
  "title": "et porro tempora",
  "completed": true
},
{
  "userId": 1,
  "id": 5,
  "title": "labore et dolore magna aliqua"
}
]

status code for @test1 todos200
{
  "userId": 1,
  "id": 4,
  "title": "et porro tempora",
  "completed": true
}
Body in the response for @test2 todos{
  "userId": 1,
  "id": 4,
  "title": "et porro tempora",
  "completed": true
}
status code for @test2 todos200
status code for @test3 todos201
{
  "id": 201,
  "title": "execute tests",
  "completed": true
}
Body in the response for @test3 todos{
  "id": 201,
  "title": "execute tests",
  "completed": true
}

View your Cucumber Report at:
https://reports.cucumber.io/reports/8878da63-a14e-4813-b2ff-d47b7c2cd949
```

Para el feature loginservice, se ejecutaron los siguientes tests:

4 PASSED		
<div>100 % passed</div> <div>4 executed</div>	<div>a minute ago</div> <div>Last Run</div>	<div>5.21 seconds</div> <div>Duration</div>
<div></div> <div>Windows 11</div>	<div></div> <div>OpenJDK 64-Bit Server VM 11.0.23+9</div>	<div></div> <div>cucumber-jvm 6.11.0</div>

Feature: Handling user service

i as a user want to create, read, update and delete users in order the access to the web page

Background:

🔗 ✓ **Given** the user's in the web page "<https://reqres.in/api>"

@user @test1

Scenario: create an user

- ✓ **When** types information for a new user "Alice" "QA automation"
- ✓ **And** sends the create user request
- ✓ **Then** should get a response with status code 201
- ✓ **And** the name shown should be "Alice"

@user @test2

Scenario: get all users

- ✓ **When** requests for all users
- ✓ **Then** total pages should be 2
- ✓ **And** the status code should get a 200

@user @test3

Scenario: update an user

- ✓ **And** with user id 7
- ✓ **When** type information to the user "Luis" "Leader"
- ✓ **Then** the status code for the update should be 200
- ✓ **And** the name should be "Luis"

@user @test4

Scenario: delete an user

- ✓ **And** has the user with id 8
- ✓ **When** executes the request for deleting
- ✓ **Then** should has a code 204

```
Tests passed: 4 of 4 tests - 5 sec. 147 ms
C:\Users\Luis\.jdk\temurin-11.0.23\bin\java.exe ...
log4j:WARN No appenders could be found for logger (org.apache.http.impl.conn.BasicClientConnectionManager).
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#nsconfig for more info.
status code for @test1 user: 201
{
  "name": "Alice",
  "job": "QA automation",
  "id": "870",
  "createdAt": "2024-05-07T03:18:57.599Z"
}
Body in the response for @test1 user: {
  "name": "Alice",
  "job": "QA automation",
  "id": "870",
  "createdAt": "2024-05-07T03:18:57.599Z"
}
{
  "page": 1,
  "per_page": 6,
  "total": 12,
  "total_pages": 2,
  "data": [
    {
      "id": 1,
      "email": "george.bluth@reqres.in",
      "first_name": "George",
      "last_name": "Bluth",
      "avatar": "https://reqres.in/img/faces/1-image.jpg"
    },
    {
      "id": 2,
      "email": "janet.weaver@reqres.in",
      "first_name": "Janet",
      "last_name": "Weaver",
      "avatar": "https://reqres.in/img/faces/2-image.jpg"
    },
    {
      "id": 3,
      "email": "emma.wong@reqres.in",
      "first_name": "Emma",
      "last_name": "Wong",
      "avatar": "https://reqres.in/img/faces/3-image.jpg"
    },
    {
      "id": 4,
      "email": "eve.holt@reqres.in",
      "first_name": "Eve",
      "last_name": "Holt",
      "avatar": "https://reqres.in/img/faces/4-image.jpg"
    }
  ]
}
```

```
co.com.sofka.runner.UserRunner 5 sec. 147 ms
Handling user service 5 sec. 147 ms
create an user 5 sec. 629 ms
get all users 328 ms
update an user 519 ms
delete an user 471 ms
{
  "id": 1,
  "email": "george.bluth@reqres.in",
  "first_name": "George",
  "last_name": "Bluth",
  "avatar": "https://reqres.in/img/faces/1-image.jpg"
},
{
  "id": 2,
  "email": "janet.weaver@reqres.in",
  "first_name": "Janet",
  "last_name": "Weaver",
  "avatar": "https://reqres.in/img/faces/2-image.jpg"
},
{
  "id": 3,
  "email": "emma.wong@reqres.in",
  "first_name": "Emma",
  "last_name": "Wong",
  "avatar": "https://reqres.in/img/faces/3-image.jpg"
},
{
  "id": 4,
  "email": "eve.holt@reqres.in",
  "first_name": "Eve",
  "last_name": "Holt",
  "avatar": "https://reqres.in/img/faces/4-image.jpg"
}
},
}
```

```
status code for @test2 user: 200
```

```
status code for @test3 user: 200
```

```
{  
  "name": "Luis",  
  "job": "Leader",  
  "updatedAt": "2024-05-07T03:18:59.215Z"  
}
```

```
Body in the response for @test3 user: {
```

```
  "name": "Luis",  
  "job": "Leader",  
  "updatedAt": "2024-05-07T03:18:59.215Z"  
}
```

```
status code for @test4 user: 204
```

```
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