

# **Desafio - Testes Funcionais API**

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**Scenario:** CT01 - Validar a resposta da API de produtos

**Dado** que estou na API de produtos

Quando eu faço uma requisição GET para `"/catalog/api/v1/products"`

E a resposta deve ser 200 OK

**Então** a resposta deve conter uma lista de produtos

# Evidência CT01

The screenshot displays the Postman interface for a GET request to the endpoint `https://www.advantageonlineshopping.com/catalog/api/v1/products/`. The request is configured with a JavaScript test script in the `Scripts` tab. The script performs the following actions:

- Tests if the response is a JSON object.
- Filters products with odd `productId` values.
- Asserts that the filtered list is not empty.
- Iterates over the filtered list, asserting each `productId` is odd.

The test results at the bottom show six successful assertions:

- PASS ProductId #1: 15
- PASS ProductId #2: 13
- PASS ProductId #3: 25
- PASS ProductId #4: 135
- PASS ProductId #5: 137
- PASS ProductId #6: 139

The overall test status is **200 OK** with a response time of 1486 ms and a body size of 8716 KB.

**Scenario:** CT02 - Validar que um usuário já foi criado

**Dado** que quero tentar criar um usuário com mesmos dados

**Quando** eu faço uma requisição GET para  
"/accountservice/accountrest/api/v1/register"

**E** a resposta deve ser 404

**Então** a resposta deve conter reason = User name already exists

# Evidência CT02

The screenshot displays the Postman interface for a REST client. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. A search bar and an 'Invite' button are also present. The left sidebar shows 'Collections' and 'Environments'. The main workspace is titled 'Desafio API / Create a new User account' and shows a 'POST' request to the URL 'https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/register'. The request body is a JSON object with the following fields: 'accountType', 'address', 'allowOffersPromotion', 'aobUser', 'cityName', 'country', 'email', 'firstName', 'lastName', 'loginName', 'password', 'phoneNumber', 'stateProvince', and 'zipcode'. The response is a '403 Forbidden' status with a 2.09 s response time and 794 B of data. The response body is a JSON object with 'response' containing 'success' (false), 'userId' (-1), and 'reason' ('User name already exists'). The 'reason' field is highlighted with a red dashed box. The bottom status bar shows 'Online', 'Console', 'Postbot', 'Runner', 'Capture requests', 'Auto-select agent', 'Cookies', 'Vault', 'Trash', and a help icon.

Home Workspaces API Network

Search Postman

Invite Upgrade

Overview POST Create a new User acc. +

Desafio API / Create a new User account

Save Share

POST https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/register

Send

Params Authorization Headers (9) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "accountType": "USER",
3   "address": "Rua da Ladeira",
4   "allowOffersPromotion": true,
5   "aobUser": true,
6   "cityName": "Sao Paulo",
7   "country": "AUSTRALIA_AU",
8   "email": "austin@test.com",
9   "firstName": "Austin",
10  "lastName": "Power",
11  "loginName": "AustSeven",
12  "password": "Ab1234",
13  "phoneNumber": "110987654321",
14  "stateProvince": "SP",
15  "zipcode": "01124-320"
16 }
```

Body Cookies Headers (19) Test Results

403 Forbidden 2.09 s 794 B Save Response

Pretty Raw Preview Visualize JSON

```
2 response: {
3   "success": false,
4   "userId": -1,
5   "reason": "User name already exists"
6 }
7 }
```

Online Console Postbot Runner Capture requests Auto-select agent Cookies Vault Trash

**Scenario:** CT03 - Validar login de um usuário já criado

**Dado** que quero logar com os dados de um usuário

**Quando** eu faço uma requisição GET para  
"/accountservice/accountrest/api/v1/login"

**E** a resposta deve ser 200

**Então** a resposta deve conter reason = Login Successful

# Evidência CT03

The screenshot displays the Postman interface for a REST client. The left sidebar shows the 'Desafio Inmetrics' collection with several API endpoints. The main panel shows a POST request to the 'Login to AOS' endpoint of the 'Desafio API'.

**Request Details:**

- Method: POST
- URL: `https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/login`
- Body (raw):

```
1 {
2   "email": "austin@test.com",
3   "loginPassword": "Ab1234",
4   "loginUser": "AustSeven"
5 }
```

**Response Details:**

- Status: 200 OK
- Time: 672 ms
- Size: 1.03 KB
- Body (JSON):

```
1 {
2   "statusMessage": {
3     "success": true,
4     "userId": 340730981,
5     "reason": "Login Successful",
6     "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ3d3cuYWR2YW50YWdlb25saW5lc2hvcHBpbmcuY29tIiwidXN1cklkIjozNDA3MzA5ODRlbnN1Yi6iKf1c3RTZXZlbiIsInJvbGUiOiJVU0VSIn0.7JSy7UIv2k6UyYmQfa7wRFJm-K6u6DvJyLk3RxHvWE",
7     "sessionId": "19331c31f91@7E8BF1526B^i%340730981"
8   }
9 }
```

The response body is highlighted with a red dashed box around the 'reason' field, indicating a successful login.

**Scenario:** Validar login com dados inválidos

**Dado** que quero logar com dados inválidos

**Quando** eu faço uma requisição GET para  
"/accountservice/accountrest/api/v1/login"

**E** a resposta deve ser 403

**Então** a resposta deve conter reason = Incorrect user name or password



# Evidência CT04

The screenshot displays the Postman application interface. On the left sidebar, the 'Collections' panel shows a collection named 'Desafio Inmetrics' containing several API endpoints, with 'PUT Login to AOS' selected. The main workspace shows a 'POST' request to the URL 'https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/login'. The request body is a JSON object with the following fields: 'email' (austin@test.com), 'loginPassword' (Ab1234), and 'loginUser' (Seven). The response status is '403 Forbidden' with a response time of 609 ms and a size of 807 B. The response body is shown in the 'Pretty' view, displaying a 'statusMessage' object with 'success' set to false, 'userId' set to -1, and a 'reason' of 'Incorrect user name or password.' The 'reason' field is highlighted with a red dashed box.

Home Workspaces API Network

Search Postman

Invite Upgrade

Desafio Inmetrics New Import

Overview POST Create a new User POST Deactivate a use POST Login to AOS POST Logout from AOS

Desafio API

- GET Create a new User account
- POST Deactivate a user
- PUT Login to AOS
- DEL Logout from AOS

HTTP Desafio API / Login to AOS

POST https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/login

Send

Params Authorization Headers (9) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "email": "austin@test.com",
3   "loginPassword": "Ab1234",
4   "loginUser": "Seven"
5 }
```

Body Cookies Headers (19) Test Results

403 Forbidden 609 ms 807 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "statusMessage": {
3     "success": false,
4     "userId": -1,
5     "reason": "Incorrect user name or password."
6   }
7 }
```

Online Console Postbot Runner Capture requests Auto-select agent Cookies Vault Trash

**Scenario:** CT05 - Validar logout de um usuário

**Dado** que quero desconectar um usuário

**Quando** eu faço uma requisição GET para  
"https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/logout"

**E** a resposta deve ser 200

**Então** a resposta deve conter reason = Logout Successful

# Evidência CT05

The screenshot displays the Postman interface with a workspace named "Desafio Inmetrics". The left sidebar shows a collection of API endpoints under "Desafio API":

- GET Create a new User account
- POST Deactivate a user
- PUT Login to AOS
- DEL Logout from AOS (selected)

The main panel shows the details of the selected endpoint: "Desafio API / Logout from AOS". The request is a POST to the URL: `https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/logout`. The request body is in raw JSON format:

```
1 {
2   "accountId": "340730981",
3   "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ3d3cuYW50YWRlb25saW5lc2hvcHBpbmcuY29tIiwidXNlckkiOiJoZnNDA3MzA5ODUyInN1YiI6Ikc3RTZXZlbiIsInJvbnUiOiJ3VU0VSIn0.7JSy7UIv2k6UyYmQfa7wRFJm-K6u6DvJyLk3RxHvWE"
4 }
```

The response is a 200 OK status with a response time of 536 ms and a body size of 786 B. The response body is shown in Pretty JSON format:

```
1 {
2   "response": {
3     "success": true,
4     "userId": 340730981,
5     "reason": "Logout Successful"
6   }
7 }
```

The "reason" field in the response is highlighted with a red dashed box. The bottom status bar includes various icons for Postbot, Runner, Capture requests, Auto-select agent, Cookies, Vault, Trash, and other utilities.

**Scenario:** CT06 - Deletar a conta de um usuário

**Dado** que quero remover a conta de um usuário

**Quando** eu faço uma requisição GET para  
"https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/deactivate"

**E** a resposta deve ser 200

**Então** a resposta deve conter reason = Account delete successful

# Evidência CT06

The screenshot displays the Postman application interface. On the left sidebar, the 'Collections' section is expanded, showing a collection named 'Desafio Inmetrics' with a sub-collection 'Desafio API'. The 'Desafio API' sub-collection contains four items: 'GET Create a new User account', 'POST Deactivate a user' (which is selected), 'PUT Login to AOS', and 'DEL Logout from AOS'. The main workspace shows the details of the selected 'POST Deactivate a user' request. The URL is 'https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/deactivate'. The request body is in JSON format, containing 'accountId' and 'base64Token'. The response is also in JSON format, showing a successful status '200 OK' and a response object with 'success: true', 'userId', and 'reason: Account delete successful'. The 'reason' field is highlighted with a red dashed box. The bottom status bar shows '200 OK', '327 ms', and '794 B'.

Home Workspaces API Network Search Postman Invite Upgrade

Desafio Inmetrics New Import

Overview POST Create a new User POST Deactivate a use POST Login to AOS POST Logout from AOS No environment

Desafio API / Deactivate a user Save Share

POST https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/deactivate Send

Params Authorization Headers (10) Body Scripts Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "accountId": 504177214,
3   "base64Token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ3c3MiOiJ3d3cuYWR2YW50YVdlb25saW5lc2hvcHBpbmcuY29tIiwidXNlcklkIjo1MDQxNzcyMTQsInN1YiI6IkkvZ3NtYW4iLCJyb2xlIjo1VWVFNuIj9.fCdyV9Mylbgg_7y5UFY44fvEuGwcqaFbYuekJ11X5h0"
4 }
```

Body Cookies Headers (19) Test Results 200 OK 327 ms 794 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "response": {
3     "success": true,
4     "userId": 504177214,
5     "reason": "Account delete successful"
6   }
7 }
```

Online Console Postbot Runner Capture requests Auto-select agent Cookies Vault Trash

## **Scenario:** CT07 - Deletar um usuário inexistente

**Dado** que quero remover um usuário inexistente

**Quando** eu faço uma requisição GET para  
"https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/de  
activate"

**E** a resposta deve ser 500

**Então** a resposta deve conter reason = Client received SOAP Fault from server

# Evidência CT07

The screenshot displays the Postman interface with a workspace named "Desafio Inmetrics". The left sidebar shows a collection of API endpoints under "Desafio API":

- GET Create a new User account
- POST Deactivate a user (selected)
- PUT Login to AOS
- DEL Logout from AOS

The main panel shows the details of the selected "POST Deactivate a user" endpoint. The URL is `https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/deactivate`. The request body is in JSON format:

```
1 {
2   "accountId": 425221563,
3   "base64Token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ3c3MiOiJ3d3cuYWR2YW50YWdlb25saW5lc2hvcHBpbmcuY29tIiwidXN1c2lkIjo0MjUyMjE1NjMsInN1Yi6IkRvZ3N0Ym41LCJyb2x1Ijo0IiwiaWF0IjoiVjVNFUIj9.YAVewCPZn-KdXoFqDL7adGRHHvMwyRbb-CZxa1Dj0S4"
4 }
```

The response tab shows a "500 Internal Server Error" with a status of 359 ms and 1014 B. The response body is in JSON format:

```
1 {
2   "response": {
3     "success": false,
4     "userId": 0,
5     "reason": "Client received SOAP Fault from server: No entity found for query; nested exception is javax.persistence.NoResultException: No entity found for query. Please see the server log to find more detail regarding exact cause of the failure."
6   }
7 }
```

The bottom status bar includes various icons for Postbot, Runner, Capture requests, Auto-select agent, Cookies, Vault, Trash, and Help.

**Scenario:** CT08 - Validar logout de um usuário inexistente

**Dado** que quero remover a conta inexistente

**Quando** eu faço uma requisição GET para

"https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/logout"

**E** a resposta deve ser 500

**Então** a resposta deve conter o número 1



# Evidência CT08

The screenshot displays the Postman interface for a REST client. The workspace is named "Desafio Inmetrics" and the API is "Desafio API". The selected endpoint is "Logout from AOS" with a POST method. The URL is `https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/logout`. The request body is in JSON format, containing an `accountId` and a `token`. The response status is "500 Internal Server Error" with a 644 ms response time and 649 B of data. The response body is currently empty, with only the number "1" visible in the "Pretty" view, which is highlighted by a red dashed box. The interface includes a sidebar with collections and environments, a top navigation bar, and a bottom status bar with various tool icons.

Home Workspaces ▾ API Network ▾

Search Postman

Invite

Upgrade

Desafio Inmetrics New Import

Overview POST Create a new User POST Deactivate a user POST Login to AOS POST Logout from AOS + ▾ No environment ▾

Desafio API / Logout from AOS

Save ▾ Share

POST ▾ `https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/logout` Send ▾

Params Authorization Headers (9) Body • Scripts Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▾

```
1 {
2   "accountId": "425221563",
3   "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ3c3MiOiJ3d3cuYWR2YW50YWdlb25saW5lc2hvcHBpbmcuY29tIiwidXN1c2lkIjo0MjUyMjE1NjMsInN1YiI6IkrVZ3NtYW4iLCJyb2x1IjoiaVNVFUj9.YAVewCPZn-KdXoFqDL7ad6RHHvMwyRbb-CZxa1DJ0S4"
4 }
```

Body Cookies Headers (16) Test Results ↻

500 Internal Server Error • 644 ms • 649 B • Save Response ⋮

Pretty Raw Preview Visualize Text ▾ ↻

1

Online Console

Postbot Runner Capture requests Auto-select agent Cookies Vault Trash

Scenario: CT09 - Criar nova conta de um usuário

**Dado** que quero criar uma nova conta

**Quando** eu faço uma requisição GET para

"https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/register"

**E** a resposta deve ser 200

**Então** a resposta deve conter reason = New user created successfully

# Evidência CT09

The screenshot displays the Postman interface for a REST client request. The top navigation bar includes 'Home', 'Workspaces', and 'API Network'. A search bar is present with the text 'Search Postman'. On the right, there are buttons for 'Invite', 'Upgrade', and a dropdown menu.

The main workspace shows a collection named 'Desafio API' with a sub-collection 'Create a new User account'. The selected request is a POST method to the URL 'https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/register'. The request body is a JSON object, and the 'Scripts' tab is active, showing a JavaScript script for testing the response.

```
1 pm.test("Validação do texto da resposta", function () {  
2   // Obtém o corpo da resposta como texto  
3   var responseText = pm.response.text();  
4  
5   // Valor esperado para o texto da resposta  
6   var expectedText = "New user created successfully";  
7  
8   // Valida se o texto da resposta contém o valor esperado  
9   pm.expect(responseText).to.include(expectedText, "A resposta contém o texto esperado.");  
10 }  
11 }  
12
```

The 'Test Results' tab shows a single test result with a status of 'PASS' and the message 'Validação do texto da resposta'. The response status is '200 OK', and the response time is '248 ms'. The response body is '799 B'. The bottom status bar indicates 'Online' and 'Console'.

## **Scenario:** CT10 - Alterar senha de um usuário

**Dado** que quero alterar a senha de um usuário

**E** eu faço uma requisição GET para  
"https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/change-password"

**Quando** a resposta deve ser 200

**Então** a resposta deve conter reason = Successfully

# Evidência CT10

HomeWorkspacesAPI Network

Search Postman

Invite

Upgrade

POST Create a new User acc • GET Get product info - Lista • POST Change Password • +

Desafio API / Change Password

SaveShare

POST

https://www.advantageonlineshopping.com/accountservice/accountrest/api/v1/change-password

Send

ParamsAuthorizationHeaders (10)BodyScriptsSettings

Pre-request

Post-response

```
1 pm.test("Validação do texto da resposta", function () {
2     // Obtém o corpo da resposta como texto
3     var responseText = pm.response.text();
4
5     // Valor esperado para o texto da resposta
6     var expectedText = "Successfully";
7
8     // Valida se o texto da resposta contém o valor esperado
9     pm.expect(responseText).to.include(expectedText, "A resposta contém o texto esperado.");
10 });
```

BodyCookiesHeaders (19)Test Results (1/1)

200 OK324 ms781 BSave Response

AllPassedSkippedFailed

PASSValidação do texto da resposta

OnlineConsole

PostbotRunnerCapture requestsAuto-select agentCookiesVaultTrash