**Defect Reporting**

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| **ID** | **Bug-001** |
| **Test case** | F-AD-007: Validate and verify that the logout is successful if the user is logged in. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | There is no way to log out of the website. |
| **Description** | After successfully logging in, the user cannot log out of the website, since there is no button or link to access it. |
| **Preconditions** | The user is logged in. |
| **Test data** | username: testuser password: password |
| **Steps** | Look for a button or link to log out. Click on it. |
| **Result** | No way to log out was found. |
| **Expected result** | There should be a button or link to log out. |
| **Browser** | Firefox |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-002** |
| **Test case** | F-PO-002: Validate and verify that access to the Products page isn't successful when isn't logged in. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Access to products without logging in. |
| **Description** | The user can access the product list without being logged in. |
| **Preconditions** | - |
| **Test data** | - |
| **Steps** | Click on the Products link. |
| **Result** | It should not allow access to the products without being logged in. |
| **Expected result** | The user is allowed to access the products. |
| **Browser** | Firefox |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-003** |
| **Test case** | F-PO-009: Validate and verify that access to the Orders page isn't successful when isn't logged in. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Access to orders without logging in. |
| **Description** | The user can access the order list without being logged in. |
| **Preconditions** | - |
| **Test data** | - |
| **Steps** | Click on the Order link. |
| **Result** | It should not allow access to the orders without being logged in. |
| **Expected result** | The user is allowed to access the orders. |
| **Browser** | Firefox |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-004** |
| **Test case** | F-PO-013: Validate and verify that if the values ​​of a order are modified from the API, when updating the screen, the changes are reflected. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | Order update is not observed. |
| **Description** | When updating order data from the API, and updating the order list, the changes are not reflected. |
| **Preconditions** | Have a product created. Have access to the API. |
| **Test data** | Parameter id: 1 Body id: 4 productName: Product 4 quantity: 2 status: OK |
| **Steps** | Update the order information from the API. Refresh the web and observe the change in the data. |
| **Result** | The change implemented on the web is not observed. |
| **Expected result** | The new information entered in the order should be displayed. |
| **Browser** | Firefox |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-005** |
| **Test case** | F-PO-020: Verify Order Page performance, quality, and correctness using Lighthouse for mobile device. |
| **Severity** | Low |
| **Who reported it** | Melisa Yunis |
| **Title** | The Performance value is below the required value. |
| **Description** | When running the accessibility test in Lighthouse, the value obtained for Performance is below the requirements. |
| **Preconditions** | Have Lighthouse installed in Chrome. |
| **Test data** | - |
| **Steps** | 1- Open the Chrome browser and access the Order page. 2- Right click on the web, select Inspect and then Lighthouse. 3- Select: Mode navigation, Device mobile, and all the categories. 4- Click the button "Analyze page load" and wait for the results. |
| **Result** | The value obtained in Performance is 67. |
| **Expected result** | A minimum value of 80 was expected for Performance. |
| **Browser** | Chrome |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-006** |
| **Test case** | B-PM-002: Validate and verify that adding a new Product isn't successful with invalid login and valid credentials. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Create a product with login failed. |
| **Description** | The user can create a new product if login failed. |
| **Preconditions** | Click on the Products link. |
| **Test data** | username: testuser12 password: password23 id: 22 name: New product price: 5 |
| **Steps** | Click on the Products link. |
| **Result** | The user successfully created the new product. |
| **Expected result** | When login fails, the user should not be able to create a new product. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-007** |
| **Test case** | B-PM-003: Validate and verify that adding a new product isn't successful with repeated ID. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | Creating a new product with a duplicate ID. |
| **Description** | A new product is successfully created with an ID already used. |
| **Preconditions** | Click on the Products link. |
| **Test data** | id: 1 name: Green product price: 12 |
| **Steps** | Enter the information of the variables indicated in Test Data. Click on the Send button. |
| **Result** | The product is successfully created with the same ID. |
| **Expected result** | It should not be possible to create two or more products with the same ID, since it should be a unique value. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-008** |
| **Test case** | B-PM-011: Validate and verify that adding a new product is successful if the ID has 10 characters. |
| **Severity** | Medium |
| **Who reported it** | Melisa Yunis |
| **Title** | Product with 10 character ID is not created. |
| **Description** | When trying to create a new product with a 10 character ID, it is not possible to create it. |
| **Preconditions** | Click on the Products link. |
| **Test data** | id: 3216549870 name: Big product price: 62 |
| **Steps** | Enter the information of the variables indicated in Test Data. Click on the Send button. |
| **Result** | The product with a 10 character ID is not created. |
| **Expected result** | It should be possible to create a product with a 10 character ID, or set a requirement that indicates what the maximum size of the product is. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-009** |
| **Test case** | B-PM-012: Validate and verify that adding a new product isn't successful without Name. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | Product created without name field. |
| **Description** | When creating a product without entering the name field, it is created successfully. |
| **Preconditions** | Click on the Products link. |
| **Test data** | id: 3 price: 0 |
| **Steps** | Enter the information of the variables indicated in Test Data. Click on the Send button. |
| **Result** | The product is created successfully. |
| **Expected result** | A product without a name should not be able to be created. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-010** |
| **Test case** | B-PM-013: Validate and verify that adding a new product isn't successful if the Name is empty. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Product created with empty name field. |
| **Description** | When creating a product with an empty name, it is created successfully. |
| **Preconditions** | Click on the Products link. |
| **Test data** | id: 4 name:  price: 11 |
| **Steps** | Enter the information of the variables indicated in Test Data. Click on the Send button. |
| **Result** | The product is created successfully. |
| **Expected result** | It should not be possible to create a product with an empty name. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-011** |
| **Test case** | B-PM-024: Validate and verify that adding a new product isn't successful if the Price is negative. |
| **Severity** | Medium |
| **Who reported it** | Melisa Yunis |
| **Title** | Product created with a negative price. |
| **Description** | When creating a product with a negative price, it is created successfully. |
| **Preconditions** | Click on the Products link. |
| **Test data** | id: 15 name: Red product price: -15 |
| **Steps** | Enter the information of the variables indicated in Test Data. Click on the Send button. |
| **Result** | The product is created successfully. |
| **Expected result** | It should not be possible to create a product with a negative price. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-012** |
| **Test case** | B-PM-031: Validate and verify that when a product is consulting without ID, it isn't successfully returned. |
| **Severity** | Very low |
| **Who reported it** | Melisa Yunis |
| **Title** | Querying a product by ID without entering the ID in parameters. |
| **Description** | When you make a query to see a product by ID, and no value is entered in the ID parameter, the query is executed successfully. |
| **Preconditions** | Click on the Products link. |
| **Test data** | - |
| **Steps** | Enter the information of the parameter indicated in Test Data. Click on the Send button. |
| **Result** | All products are returned. |
| **Expected result** | A message should be displayed indicating that the ID parameter is required. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-013** |
| **Test case** | B-OP-002: Validate and verify that adding a new Order isn't successful with invalid login and valid credentials. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with invalid login. |
| **Description** | After logging in with invalid credentials, an attempt is made to create a new order and it is carried out successfully. |
| **Preconditions** | 1- Click on the Login request. 2- Enter the username and password indicated in Test Data. 3- Click on the Send button. 4- Select on the "Create an order" request. 5- Check that the method, URL and body are correct." |
| **Test data** | username: testuser1 password: password2 id: 2 productName: Green product quantity: 1 status: OK |
| **Steps** | Enter the information of the variables indicated in Test Data. Click on the Send button. |
| **Result** | The order is created even if the login is not successful. |
| **Expected result** | The response has the status code 401 Unauthorized, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** | - |

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| **ID** | **Bug-014** |
| **Test case** | B-OP-003: Validate and verify that adding a new Order isn't successful with repeated ID. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with repeated ID. |
| **Description** | When trying to create a new order with a repeated ID, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 1 productName: Pink product quantity: 3 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even if the ID is repeated. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-015** |
| **Test case** | B-OP-009: Validate and verify that adding a new Order isn't successful if the ID is negative. |
| **Severity** | Low |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with negative ID. |
| **Description** | When trying to create a new order with a negative ID, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: -5 productName: Orange product quantity: 11 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even if the ID value is negative. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-016** |
| **Test case** | B-OP-011: Validate and verify that adding a new Order is successful if the ID has 20 characters. |
| **Severity** | Low |
| **Who reported it** | Melisa Yunis |
| **Title** | Order not created with 20 character ID. |
| **Description** | When trying to create a new order with a 20-character ID, the order is not created. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 12300045123650000000 productName: Blue product quantity: 20 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order isn't created if the ID has 20 characters. |
| **Expected result** | The response has the status code 201 Created and in the Body can see the entered values. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-017** |
| **Test case** | B-OP-012: Validate and verify that adding a new Order isn't successful without Product Name. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created without the Product Name field. |
| **Description** | When trying to create a new order without the Product Name field, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 5 quantity: 2 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even without Product name field. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-018** |
| **Test case** | B-OP-013: Validate and verify that adding a new Order isn't successful if the Product Name is empty. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with the Product Name field empty. |
| **Description** | When trying to create a new order with the Product Name field empty, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 6 productName:  quantity: 3 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even if the Product name field is empty. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-019** |
| **Test case** | B-OP-014: Validate and verify that adding a new Order isn't successful if the Product Name does not exist. |
| **Severity** | Critical |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with a non-existent Product Name value. |
| **Description** | When trying to create a new order with a non-existent value in Product Name, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 7 productName: Non existent product quantity: 3 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even if the Product name does not exist. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-020** |
| **Test case** | B-OP-021: Validate and verify that adding a new Order isn't successful if the Quantity is negative. |
| **Severity** | High |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with a negative Quantity field. |
| **Description** | When trying to create a new order with a negative Quantity field, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 14 productName: Green product quantity: -7 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even if the Quantity value is negative. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-021** |
| **Test case** | B-OP-022: Validate and verify that adding a new Order is successful if the Quantity has 10 characters. |
| **Severity** | Very low |
| **Who reported it** | Melisa Yunis |
| **Title** | Order not created with the Quantity field with 10 characters. |
| **Description** | When trying to create a new order with the Quantity field with 10 characters, it is not created. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 15 productName: Green product quantity: 3625001490 status: OK |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order isn't created if the Quantity has 20 characters. |
| **Expected result** | The response has the status code 201 Created and in the Body can see the entered values. |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-022** |
| **Test case** | B-OP-023: Validate and verify that adding a new Order isn't successful without Status. |
| **Severity** | Medium |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created without the Status field. |
| **Description** | When trying to create a new order without the Status field, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 16 productName: Pink product quantity: 4 |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even without Status field. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |

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| **ID** | **Bug-023** |
| **Test case** | B-OP-024: Validate and verify that adding a new Order isn't successful if the Status is empty. |
| **Severity** | Medium |
| **Who reported it** | Melisa Yunis |
| **Title** | Order created with empty Status field. |
| **Description** | When trying to create a new order with empty Status, it is created successfully. |
| **Preconditions** | 1- Click on the "Create an order" request. 2- Check that the method, URL and body are correct. |
| **Test data** | id: 17 productName: Pink product quantity: 41 status: |
| **Steps** | 1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button. |
| **Result** | The order is created even if the Status is empty. |
| **Expected result** | The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created |
| **Tool** | Postman |
| **Evidence** |  |
| **Comments** |  |