TEST CASE DEVELOPMENT.

Casillas de los Test Case:

1. ID: Used as a reference number or label to efficiently locate and mange test cases

2. Descriptions: A brief, clear summary of what will be tested

3. Test date: Data that will be used in the test

4. Steps: the step-by-step process to recreate the test case accurately

5. Expected Results: Explanation of how the test should perform

6. Obtained Results: Explanation of how the test performed

Preconditions Frontend:

1. Have internet access

2. Run the local project

3. Access the browser

4. Navigate to: http://localhost:3000

Auth and Dashboard

ID	Descriptions	Test Date	Steps	Expected result	Obtained result
	Confirm and ensure that	1. username:	1. Click on the	The Login is	The login was
AD-01	the login is successful	testuser	Username container.	successful and the	successful, and
	using correct credentials	2. password:	2. Enter the username	message "Logged	the expected
		password	indicated in Test Data.	in with token:	message appears
			3. Click on the Password	sampletoken" is	
			container.	displayed on the	
			4. Enter the password	screen.	
			indicated in Test Data		
			5. Click on the Login.		

	Confirm and ensure that	1.username:	1. Click on the	The Login is not	The login was not
AD-02	the login fails when	1.uscillanic.	Username container.	successful and the	successful; the
715 02	invalid credentials are	2. password:	2. Enter the username	message "Login	message 'login
	used, especially when	password	indicated in Test Data.	failed" is displayed	failed' is
	the username is empty	passing	3. Click on the Password	on the screen	displayed
			container.		
			4. Enter the password		
			indicated in Test Data		
			5. Click on the Login.		
	Confirm that the login	1. username:	1. Click on the	The Login is not	The login was not
AD-03	does not proceed with	testuser	Username container.	successful and the	successful; the
	invalid credentials,	2. password:	2. Enter the username	message "Login	message 'login
	particularly when the	•	indicated in Test Data.	failed" is displayed	failed' is
	password is empty		3. Click on the Password	on the screen	displayed
			container.		
			4. Enter the password		
			indicated in Test Data		
			5. Click on the Login.		
	Ensure that the login is	1.username:	1. Click on the	The Login is not	The login was not
AD-04	not successful when		Username container.	successful and the	successful; the
	both credential	2. password:	2. Enter the username	message "Login	message 'login
	parameters are empty.		indicated in Test Data.	failed" is displayed	failed' is
			3. Click on the Password	on the screen	displayed
			container.		
			4. Enter the password		
			indicated in Test Data		
			5. Click on the Login.		
	Confirm that the login is	1. username:	1. Click on the	The Login is not	The login was not
AD-05	not successful when an	testuser2324	Username container.	successful and the	successful; the
	invalid username is used	2. password:	2. Enter the username	message "Login	message 'login
		password	indicated in Test Data.	failed" is displayed	failed' is
			3. Click on the Password container.	on the screen	displayed
			4. Enter the password		
			indicated in Test Data		
			5. Click on the Login.		
	Ensure that the login	1. username:	1. Click on the	The Login is not	The login was not
AD-06	fails when an invalid	testuser	Username container.	successful and the	successful; the
	password is entered	2. password:	2. Enter the username	message "Login	message 'login
		password1234	indicated in Test Data.	failed" is displayed	failed' is
			3. Click on the Password	on the screen	displayed
			container.		
			4. Enter the password		
			indicated in Test Data		
			5. Click on the Login.		
AD 07	Confirm that the logout	1. username:	1- Click on the Logout	The Logout is	There is no option
AD-07	is successfully completed	testuser	link.	sucessful and is	available to log
	when the user is logged	2. password:		redirected to the	out on the
	in	password		initial page.	website

	Ensure that access to the	1. username:	1- Click on the	The link works and	Access to the
AD-08	Dashboard page is	testuser	Dashboard link.	is redirected to the	Dashboard page
	successful when the user	2. password:		dashboard page	was successful,
	is authenticated.	password		and can see the	and the expected
				title "Dashboard"	message appears
				and the message	successfully.
				"Welcome to the	
				user dashboard!"	
	Validate and verify that	Not data	1- Click on the	The link works and	Access to the
AD-09	access to the Dashboard		Dashboard link.	is redirected to the	Dashboard page
	page is successful			dashboard page	was successful,
	without being logged in.			and can see the	and the expected
				title "Dashboard"	message appears
				and the message	successfully.
				"Welcome to the	
				user dashboard!"	

Product and Order

ID	Descriptions	Test Date	Steps	Expected result	Obtained result
	Confirm that access to	1. username:	1- Click on the	The link works and	Access to the
PO-01	the Products page is	testuser	Products link.	is redirected to	Products section
	successful when the	2. password:		the Products page	has been
	user is properly	password		and can see the	successful.
	authenticated			title "Product List"	
				and below the list	
				of Products	
				created.	
	Validate and verify that	Not data	1- Click on the	The link works and	The empty list is
PO-02	there are no products		Products link.	is redirected to	displayed
	loaded, when the			the Products page	successfully.
	application is just			and can see the	
	executed.			title "Product List"	
				and below the	
				empty list of	
				Products.	
		 Products 	1- Click on the		
PO-03		must be	Products link.		
	Validate and verify that	created.		The link works and	The product list
	the products are	2. API access		is redirected to	is displayed
	observed successfully	must be		the Products page	successfully.
		available.		and can see the	
				title "Product List"	
				and below the list	
				of Products with	
				some product	

	Ensure that when a		1. Click on the	Verify if the new	The product has
PO-04	new product is added	ID: 1	Products link, and	product created is	been successfully
PU-04	through the API, it	name: giftcard	looking the products.	there.	created.
	appears on the screen	price: 20	2. Create a new	tilere.	createu.
	after refreshing	price. 20	pruduct from the API,		
	arter refreshing		with the indicated		
			fields of Test data.		
			3. Go back to the browser and refresh		
	Cantinus that when a	DELETE.	the Products page.	\/a=ifr. +b=a+ +b=a	The must be a
PO-05	Confirm that when a product is deleted	DELETE: ID: 1	 Click on the Products link and 	Verify that the	The product has
PU-05	•	ID. 1	review the listed	product no longer exists in the list.	been successfully removed.
	through the API, the deletion is reflected on		products.	exists in the list.	removed.
	the screen after		2. Delete the specified		
			product using the API		
	refreshing.				
			with the provided test data.		
			3. Return to the		
			browser and refresh		
			the Products page to		
			confirm that the		
			changes are reflected.		
	Ensure that when the	Update the price of	1. Click on the	Verify if the	The product has
PO-06	values of a product are	the product with Id:	Products link and	changes in the	been successfully
F O-00	modified through the	0 from 10 to 20	review the list of	product are	updted.
	API, the changes are	through the API	products.	visible.	upatea.
	correctly displayed on	through the Arr	2. Update the product	VISIDIC.	
	the screen after		using the API with the		
	refreshing.		specified values from		
	Terrestimb.		the test data.		
			3. Return to the		
			browser and refresh		
			the Products page to		
			verify that the changes		
			are reflected.		
	Confirm that access to	username: testuser	1- Click on the Orders	The link works and	Access to the
PO-07	the Orders page is	password: password	link.	is redirected to	Orders section
	successful when the			the Orders page	has been
	user has logged in			and can see the	successful.
	correctly			title "Order List"	
				and below the list	
				of Orders created.	
	Ensure that the order is	1. Orders must be	1- Click on the Orders	The link works and	The order list is
PO-08	displayed correctly on	created.	link.	is redirected to	displayed
	the screen, with all	2. API access must		the Orders page	successfully.
	details visible and well-	be available.		and can see the	
	organized			title "Orders List"	
				and below the list	
				of Order with	
				some order.	

	Confirm that when a	id: 1	1. Click on the Orders	Verify if the new	The order has
PO-09	new order is added	productName:	link, and looking the	order created is	been successfully
F O-03	through the API, it	giftcard pro	orders.	there.	created.
	appears on the screen	quantity: 1	2. Create a new order	there.	createu.
	after refreshing	status: Delivered	from the API, with the		
	arter refreshing	status. Delivereu	indicated fields of Test		
			data.		
			3. Go back to the		
			browser and refresh		
			the Orders page.		
	Associate de sus el	DELETE:	1- Click on the Orders	\/a.i.\f + a.a.+.+ a.a	The sendence
DO 10	Asegúrate de que, al	DELETE:		Verify that the	The order has
PO-10	eliminar un pedido	ID: 1	link, and looking the	order no longer	been successfully
	mediante la API, la		orders.	exists in the list.	removed.
	eliminación se muestre		2- Delete the order		
	en la pantalla después		indicated on Test data		
	de actualizarla.		from the API.		
			3- Go back to the		
			browser and refresh		
			the Orders page.		
	Confirm that when the	Change the status of	1. Click on the Orders	Verify if the	The order hasn't
PO-11	values of an order are	the order with the	link, and looking the	changes in the	been updated in
	modified through the	specified Id from 'In	orders.	order are visible.	the list.
	API, the changes are	progress' to	2. Update the order		
	correctly reflected on	'Delivered' using the	from the API, with the		
	the screen after	API	indicated fields of Test		
	refreshing		data.		
			3. Go back to the		
			browser and refresh		
			the Orders page.		

Preconditions for Backend testing:

- 1. Have internet access
- **2.** Access the browser
- **3.** Open Postman
- **4.** Run the local project

All backend

ID	Descriptions	Test date	steps	Expected result	Obtained result
AB-01	Verify that users can successfully log in with valid credentials.	1. username: testuser 2.password: password	1- Enter the username and password indicated in Test Data.2- Click on the Send button.	The response has the status code 200 OK and the body is { "token": "sampletoken" }	The login was successful and the token is displayed in the body. The status code and response time are correct.
AB-02	Validate that the system rejects login with incorrect credentials.	1. username: testuser12 2.password: password	1- Enter the username and password indicated in Test Data.2- Click on the Send button.	The response has the status code 401 Unauthorized and the body shows error information.	The login was not executed and a corresponding error message is displayed in the body. The status code and response time are correct.
AB-03	Validate and verify that the login isn't successful with invalid credentials. Username empty.	1. username:2.password:password	1- Enter the username and password indicated in Test Data.2- Click on the Send button.	The response has the status code 401 Unauthorized and the body shows error information.	The login was not executed and a corresponding error message is displayed in the body. The status code and response time are correct.
AB-04	Validate and verify that the login isn't successful with invalid credentials. Password empty.	1. username: testuser 2.password:	1- Enter the username and password indicated in Test Data.2- Click on the Send button.	The response has the status code 401 Unauthorized and the body shows error information.	The login was not executed and a corresponding error message is displayed in the body. The status code and response time are correct.
AB-05	Validate and verify that the login isn't successful with invalid credentials. Without the username parameter.	2.password: password	1- Enter the username and password indicated in Test Data. 2- Click on the Send button.	The response has the status code 401 Unauthorized and the body shows error information.	The login was not executed and a corresponding error message is displayed in the body. The status code and response time are correct.
AB-06	Validate and verify that the login isn't successful with invalid credentials. Without the Password parameter.	1. username: testuser	1- Enter the username and password indicated in Test Data.2- Click on the Send button.	The response has the status code 401 Unauthorized and the body shows error information.	The login was not executed and a corresponding error message is displayed in the body. The status code and response time are correct.

	Verify that the API	id: 0	1- Enter the indicated	The API responds	The API responds
AB-07	allows to create a	Name: giftcard	in Test Data.	with a success	with a success
AB-07	product with valid	Price: 10	2- Click on the Send	message and a	message and a
	data	Filce. 10	button.	201 status code.	201 status code.
	Verify that the API		1. Send a GET request	The API responds	The API responds
AB-08	allows consulting the		to /api/Product.	with the	with the complete
AD-08	list of products		to /api/Froduct.	complete list of	list of products
	correctly			products and a	and a 200 status
	Correctly			200 status code.	code.
	Ensure that the API	id: 0	1. Send a POST	The API responds	If it allows
AB-09	does not allow the	Name: giftcard	request to	with an error	creating the same
AB-03	creation of a product if	Price: 300	/api/Product using an	message and a	product with the
	the provided ID	7 Tice. 300	ID that already exists.	409 status code,	same ID
	already exists in the		ib that already exists.	indicating that	Same 1D
	system			the ID already	
	System			exists	
	Verify that the API	id: 0	1. Send a PUT request	The API responds	The API responds
AB-10	allows editing a	Name: giftcard	to /api/Product with a	with a success	with a success
	specific product using	Price: 20	specific ID and new	message and a	message and a
	its ID.		data to update the	status code 200.	status code 204.
			product		
	Verify that the API	DELETE:	1. Send a DELETE	The API responds	The API responds
AB-11	allows you to delete a	ID:0	request /api/Product	with a success	with a success
	specific product using		with a specific ID.	message and a	message and a
	its ID.			status code 200.	status code 200.
	Verify the behavior of		1. Send a PUT request	The API responds	The API responds
AB-12	the system when an		to /api/Product with a	with an error	with an error
	attempt is made to		product ID that does	message and 404	message and 404
	delete a product that		not exist	status code.	status code.
	does not exist.		1.6 057	TI 451	TI 401
45.42	Verify that the API		1. Send a GET request	The API responds	The API responds
AB-13	correctly returns all		to /api/Order without	with a complete	with a complete
	existing orders.		additional parameters	list of commands	list of commands
				and a status code	and a status code
				200.	200.
AB-14	Ensure that the API	id: 1	1. Send a GET request	The API responds	The API responds
AD-14	correctly creates a	productName:	to the /api/Order with	with the details	with the details of
	specific order when	giftcard	a valid order ID as	of the specific	the specific order
	provided with a valid	quantity: 0	parameter.	order and a 200	and a 200 status
	ID, and that the order	status: In process	parameter.	status code	code
	appears in the order	Julius. III process		Status Couc	
	list after its creation				
AB-15					
	Test the behavior of		1. Send a GET request	he API responds	The API responds
	the API when		to /api/Order with an	with an error	with an error
	requesting an order		order ID that does not	message and a	message and a
	with an ID that does		exist.	404 status code.	404 status code.
	not exist.				

	Validate that the API	id: 2	1. Send a POST	The API responds	The API
AB-16	properly handles the creation of an order when the productName is empty	productName: quantity: 1 status: In process	request to /api/Order with empty productName in the body	The API responds with an error message and a status code 405	responded with a 201 status code and allowed the creation of an order without a product name
AB-17	Validate that the API properly handles the creation of an order when the status is empty	id: 2 productName: Giftcard quantity: 1 status:	1. Send a POST request to /api/Order with empty status in the body	The API responds with an error message and a status code 405	The API responded with a 201 status code and allowed the creation of an order without a status
AB-18	Validate that the API properly handles the creation of an order when the ID is empty	productName: Giftcard quantity: 1 status: in process	1. Send a POST request to /api/Order with empty ID in the body	The API responds with an error message and a status code 405	The API responded with a 201 status code and allowed the creation of an order without an ID, which was automatically assigned the ID: 0
AB-19	Validate that the API properly handles the creation of an order when the Quantity is empty	id: 2 productName: Giftcard status: in process	1. Send a POST request to /api/Order with empty Quantity in the body	The API responds with an error message and a status code 405	The API responded with a 201 status code and allowed the creation of an order without an Quantity, which was automatically assigned the ID: 0
AB-20	Validate that the API rejects the creation of an order when quantity is negative.	id: 6 productName: Gift Card quantity: -1 status: In process	1. Send a POST request to /api/Order with negative quantity in the body	The API responds with an error message and a status code 405	The API responded with a 201 status code and allowed the creation of an order with a negative quantity
AB-21	Update order with valid data (without changing the ID	id: 1 productName: giftcard quantity: 1 status: delivered	1. Send a PUT request to /api/Order/{id} with a body that includes productName, quantity, and status with valid values.	The API responds with a success message and a status code 200 or 204, and the order is successfully updated in the database, without changing the id	The API responded with a 204 status code and updated the order without changing the ID.

	Update the ID of an		1. Send a PUT request	The API responds	The ID does not
AB-22	order		to /api/Order/{id} with	with an error	change, but the
			a body that includes a	message and a	API does not
			different id than the	status code 400	provide an error
			current one.	or 409, indicating	message
				that the id is not	
	Maliata di antica ABI	1.1.4	4 Cool - BUT	editable.	The Board and and
45.33	Validate that the API	id: 1	1. Send a PUT request	The API responds	The ProductName
AB-23	properly handles the	productName:	to /api/Order/{id} with	with a success	does not change,
	update of an order	PokeCard	a body that includes a	message and a	but the API does
	when the	quantity: 1	different	status code 200	not provide an
	productName is other	status: in process	ProductName	TI 48:	error message
AD 34	Validate that the API	id: 1	1. Send a PUT request	The API responds	The Quantity does
AB-24	properly handles the	productName:	to /api/Order/{id} with	with a success	not change, but
	update of an order	PokeCard	a body that includes a	message and a	the API does not
	when the Quantity is	quantity: 4	different Quantity	status code 200	provide an error
	other	status: in process	4 Canada DUT na musat	The ADI was a series	message
AB-25	Validate that the API	id: 1	1. Send a PUT request	The API responds	The Quantity does
AD-25	properly handles the	productName: PokeCard	to /api/Order/{id} with	with a success	not change, but the API does not
	update of an order		a body that includes a	message and a status code 400	provide an error
	when the Quantity is	quantity: -4	negative Quantity	Status code 400	•
	negative Validate that the API	status: in process id: 1	1. Send a PUT request	The API responds	message The status
AB-26	properly handles the	productName: Gift	to /api/Order/{id} with	with a success	changes, but the
AB-20	update of an order	Card	a body that includes a	message and a	API does not
	when the Status is	quantity: 1	Different Status	status code 200	provide an error
	other	status: delivered	Different Status	status code 200	message and
	other	Status. delivered			returns a 204
					status code
	Verify that the API	DELETE:	1. Send a DELETE	The API responds	The Order delete ,
AB-27	allows deleting an	ID: 1	request to	with a success	but the API does
	existing order with a		/api/Order/{id}	message and a	not provide an
	valid order ID.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	status code 200	error message and
					returns a 204
					status code
	Delete order with not	DELETE	. Send a DELETE	The API responds	The API responds
AB-28	existent ID	ID:19	request to	with a success	with a success
			/api/Order/{id} with	message and a	message and a
			an id that does not	status code 404	status code 404
			exist.		

The evidence is in the folder named 'evidence'