

Project Name	Pet Store	Test Case Summary										Test Summary				
Base Url	https://petstore.swagger.io/v2	Test Case Priority		Test Case Type		Total Test Case		19		0		Failed 31.6%				
Feature	User	High	15	Positive	5	Not Execute	5									
Test Date	12/16/2024	Medium	0	Negative	14	Pass	13					Pass 68.4%				
Documentation	https://petstoreampleapi.apimatic.dev/#/http/how-to-get-started	Low	1			Failed	6									
TC_ID	Test Case Title	Priority	Test Case Type	Request Type	API Endpoint	Pre-condition	Test Data	Test Case Steps	Expected Results	Actual Response Code	Actual Response Body	Status	Note	Created Date	Author	Test Date
PS-US-001	Verify successful creation of a new user	High	Positive	POST	/user	-	{ "id": 1, "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	1. Send the test data to the /user endpoint using a POST request. 2. Validate that the response status code is correct. 3. Verify that the response body contains user details matching the request payload.	Status Code: 200 OK. Response Body: The user details (such as username, firstName, lastName, etc.) match the test data in the request payload.	200	{ "code": 200, "type": "unknown", "message": "1" }	Passed	The response is correct (200 OK), but it's recommended to use 201 Created for better alignment with RESTful standards for resource creation.	12/16/2024	Ananda Thalia	12/16/2024
PS-US-002	Verify user creation with an empty payload	High	Negative	POST	/user	-	{ }	Send the test data to the /user endpoint using a POST request.	Status Code: 400 Bad Request. Got error message "The ID field is required."	200	{ "code": 200, "type": "unknown", "message": "0" }	Failed	A 200 OK response is incorrect. The expected status code should be 400 Bad Request, as required fields are missing.	12/16/2024	Ananda Thalia	12/16/2024
PS-US-003	Verify user creation with missing username	High	Negative	POST	/user	-	{ "id": 1, "firstName": "Nanda", "lastName": "Tha", "email": "nantest@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	Send the test data to the /user endpoint using a POST request.	Status Code: 400 Bad Request. Got error message "The Username field is required."	200	{ "code": 200, "type": "unknown", "message": "1" }	Failed	The expected status code should be 400 Bad Request, as required fields are missing. While the documentation doesn't specify which fields are required, RESTful API best practices suggest that a 400 response should be returned for invalid or missing data. Therefore, the documentation needs to be updated to clearly define required fields and the expected behavior for incomplete payloads.	12/16/2024	Ananda Thalia	12/16/2024
PS-US-004	Verify user creation with invalid email format	Medium	Negative	POST	/user	-	{ "id": 2, "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	Send the test data to the /user endpoint using a POST request.	Status Code: 400 Bad Request. Got error message "Invalid email format."	200	{ "code": 200, "type": "unknown", "message": "1" }	Failed	The expected status code should be 400 Bad Request for an invalid email format, according to RESTful API best practices. However, the API currently returns 200 OK. It is recommended to update the API to return the correct status code and properly handle validation errors.	12/16/2024	Ananda Thalia	12/16/2024
PS-US-005	Verify user creation with existing user	High	Negative	POST	/user	-	{ "id": 1, "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest2@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	Send the test data to the /user endpoint using a POST request.	Status Code: 409 Conflict. Got error message "User already exist. Please login"	200	{ "code": 200, "type": "unknown", "message": "1" }	Failed	The expected status code should be 409 Conflict when registering with an existing username. The API currently returns 200 OK, which allows duplicate users. It is recommended to update the API to return the correct status code for resource conflicts.	12/16/2024	Ananda Thalia	12/16/2024
PS-US-006	Verify user creation with incorrect ID data type	High	Negative	POST	/user	-	{ "id": "satu", "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest2@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	Send the test data to the /user endpoint using a POST request.	Got error message "Please correct the following validation errors and try again. For 'body' at path 'id': Value must be an integer."	-	Got error message "Please correct the following validation errors and try again. For 'body' at path 'id': Value must be an integer."	Passed		12/16/2024	Ananda Thalia	12/16/2024
PS-US-007	Verify user creation with an excessively long ID value	High	Negative	POST	/user	-	{ "id": "19223372036854775807", "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest2@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	Send the test data to the /user endpoint using a POST request.	Status Code: 400 Bad Request. Got error message "ID is too long. Please limit it to 19 digits."	500	Got message "something bad happened"	Passed	Ensure input validation is implemented for the ID field to prevent overly long values. The ID should be checked for length and rejected if it exceeds the allowed limit.	12/16/2024	Ananda Thalia	12/16/2024
PS-US-008	Verify retrieval of user data using a valid username	Medium	Positive	GET	/user/ (username)	User already registered (PS-US-001)	{ "username": "NandaTest", }	Send the test data to the endpoint using a GET request.	Status Code: 200 OK. Response Body: User details must match the registered user data.	200	{ "id": 1, "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1 }	Passed		12/17/2024	Ananda Thalia	12/17/2024

PS-US-009	Verify retrieval of user with empty username	Low	Negative	GET	/user/ (username)	-	{	Send the test data to the endpoint using a GET request.	Got error message "Please correct the following validation errors and try again. For 'username': Required field is not provided."	-	Got error message "Please correct the following validation errors and try again. For 'username': Required field is not provided."	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-010	Verify retrieval of user with invalid username	Medium	Negative	GET	/user/ (username)	-	{ "username": "Nanda",	Send the test data to the endpoint using a GET request.	Status Code: 404 Got error message "User not found"	200	{ "code": 1, "type": "error", "message": "User not found"	Passed		12/17/2024	Ananda Thalia	12/18/2024
PS-US-011	Verify successful login with valid username and password	High	Positive	GET	/user/login	User already registered (PS-US-001)	{ "username": "NandaTest", "password": "123nan"	Send the test data to the endpoint using a GET request.	Status Code: 200 OK. User success logged in.	200	{ "code": 200, "type": "unknown", "message": "logged in user session:1734398343096"	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-012	Verify login with invalid username and valid password	High	Negative	GET	/user/login	User already registered (PS-US-001)	{ "username": "InvalidUser", "password": "123nan"	Send the test data to the endpoint using a GET request.	Status Code: 401 Unauthorized. Got error message "Invalid username or password."	200	{ "code": 200, "type": "unknown", "message": "logged in user session:1734398495561"	Failed	The expected status code should be 401 Unauthorized for invalid credentials. However, the API currently returns 200 OK. This must be fixed by implementing proper authentication validation to ensure security best practices are followed.	12/17/2024	Ananda Thalia	12/17/2024
PS-US-013	Verify login with valid username and invalid password	High	Negative	GET	/user/login	User already registered (PS-US-001)	{ "username": "NandaTest", "password": "WrongPass"	Send the test data to the endpoint using a GET request.	Status Code: 401 Unauthorized. Got error message "Invalid username or password."	200	{ "code": 200, "type": "unknown", "message": "logged in user session:1734398736535"	Failed	The expected status code should be 401 Unauthorized for invalid credentials. However, the API currently returns 200 OK. This must be fixed by implementing proper authentication validation to ensure security best practices are followed.	12/17/2024	Ananda Thalia	12/17/2024
PS-US-014	Verify login with empty username and password fields	High	Negative	GET	/user/login	User already registered (PS-US-001)	{ "username": "", "password": ""	Send the test data to the endpoint using a GET request.	Status Code: 400 Bad Request. Got error message "Username and password are required."	200	{ "code": 1, "type": "error", "message": "User not found"	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-015	Verify login with excessively long username	High	Negative	GET	/user/login	User already registered (PS-US-001)	{ "username": "NandaTest", "password": "123nan"	Send the test data to the /user/login endpoint using a POST request.	Status Code: 401 Unauthorized. Got error message "Invalid username or password."	-	Please correct the following validation errors and try again. For 'username': Required field is not provided. For 'password': Required field is not provided.	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-016	Verify successful update of user data with valid data	High	Positive	PUT	/user/ (username)	User already registered (PS-US-001)	{ "id": 1, "username": "NandaTest", "firstName": "Nanda", "lastName": "Tha", "email": "nantest_updated@gmail.com", "password": "123nan", "phone": "081122334455", "userStatus": 1	Send the test data to the endpoint using a PUT request.	Status Code: 200 OK. User data updated.	200	{ "code": 200, "type": "unknown", "message": "1"	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-017	Verify successful deletion of an existing user	High	Positive	DELETE	/user/ (username)	User already registered (PS-US-001)	{ "username": "NandaTest",	Send the test data to the endpoint using a DELETE request.	Status Code: 200 OK. User deletion success.	200	{ "code": 200, "type": "unknown", "message": "NandaTest"	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-018	Verify attempt to delete a non-existent user	High	Negative	DELETE	/user/ (username)	User already registered (PS-US-001)	{ "username": "NonExistentUser ",	Send the test data to the endpoint using a DELETE request.	Status Code: 404 User Not Found	404	User not found	Passed		12/17/2024	Ananda Thalia	12/17/2024
PS-US-019	Verify delete user with empty username	High	Negative	DELETE	/user/ (username)	User already registered (PS-US-001)	{ "username": "",	Send the test data to the endpoint using a DELETE request.	Got error message "Please correct the following validation errors and try again. For 'username': Required field is not provided."	-	Got error message "Please correct the following validation errors and try again. For 'username': Required field is not provided."	Passed		12/17/2024	Ananda Thalia	12/17/2024