

Task 3

Technology Details:

- Framework: spock
- Language: Java, Groovy
- Build tool: Gradle
- Reporting Tool: Allure
- Method: BDD (Behavior Driven Development)

Reason for choosing the tech stack:

- As OOP language, both Java and Groovy are handy as well as scalable
- Spock framework supports better test case managing and reporting facility

Proposed Test Case for Automation:

Test Case	Automation Status
Create a pet with valid data for all parameter	Done
Create a pet with invalid input for pet ID	Done
Create a pet with invalid input for availability status	Done
Create a pet with an ID which belongs to another pet	Done
Create a pet with mandatory parameters only	Done
Create a pet without mandatory parameters	Done
Update a pet name	Done
Update a pet which does not exist	Done
Update a pet with an ID which belongs to another pet	Done
Update a pet with mandatory parameters ID only	Done
Update a pet without mandatory parameters	Done
Get a pet (ID) with valid pet ID	Done
Get a pet (ID) with invalid pet ID	Done
Get a pet (ID) with a pet ID which does not exist	Done
Get a pet (status) with valid availability status - sold	Done
Get a pet (status) with valid availability status - available	Done
Get a pet (status) with valid availability status - pending	Done
Get a pet (status) with invalid availability status	Done
Get a pet (tag) with valid tag name	Done
Get a pet (tag) with invalid tag name	Done
Delete a pet with valid pet ID	Done
Delete a pet with invalid input of pet ID	Done
Delete a pet with a pet ID which doesn't exist	Done

Get pet inventories by status	Done
Create an pet order with valid data for all parameters	Done
Create an pet order with blank json request	Done
Create an pet order without pet ID	Done
Create an pet order without order ID	Done
Create an pet order with quantity 0	Done
Create an pet order without any shipping date	Done
Get a pet order with valid order ID	Done
Get a pet order with invalid order ID	Done
Get a pet order with an order ID which does not exist	Done
Delete a pet order with valid order ID	Done
Delete a pet order with invalid input of order ID	Done
Delete a pet order with a order ID which doesn't exist	Done
Create an user with valid data for all parameter	Done
Create an user without username and password	Done
Create multiple users valid data for all parameter	Done
Create multiple users without username and password	Done
Update an user with valid data	Done
User login with valid username and valid password	Done
User login without username/password	Done
User login with valid username and invalid password	Done
User login with invalid username/user doesn't exist	Done
Get an user with valid username	Done
Get an user with invalid username	Done
Get an user with an username which doesn't exist	Done
Delete an user with valid username	Done
Delete an user with invalid username	Done
Delete an user with an username which doesn't exist	Done