**Pet Store API**

**Business Requirements**

The business requirements and acceptance criteria of each of the three end points pets, store and user are illustrated below with User Stories.

**1. Pets**

* Scenario 1.1: Add new pet to the store

**Given** pet is new to the store

**When** new pet details are submitted

**Then** new pet is added to the store

* Scenario 1.2: Update existing pet details

**Given** pet details have changed

**When** pet details have been changed

**Then** pet details are updated

* Scenario 1.3: Find pet by status

**Given** pets exist in the store

**When** pet is searched by status “Available”, “Pending” or “Sold”

**Then** pet with the specified status is displayed

* Scenario 1.4: Find pet by invalid status

**Given** pets exist in the store

**When** pet is searched by invalid status

**Then** error is displayed “Invalid status value”

* Scenario 1.5 Find pet by id

**Given** pet exist in the store

**When** pet is searched by id

**Then** pet with the specified id is displayed

* Scenario 1.6 Find pet by non-existent pet id

**Given** pet does not exist in the store

**When** pet is searched by not-existent pet id

**Then** error is displayed “Pet not found”

* Scenario 1.7 Find pet by invalid pet id

**Given** pet does not exist in the store

**When** pet is searched by invalid pet id

**Then** error is displayed “Invalid ID supplied”

* Scenario 1.8: Update pet details (search by Pet Id)

**Given** pet id exists in the store

**When** pet name and status of the pet is update

**Then** pet details are updated

* Scenario 1.9: Update pet details (search by invalid Pet Id)

**Given** pet id does not exists in the store

**When** pet is searched by invalid pet id

**Then** error is displayed “Invalid input”

* Scenario 1.10: Delete pet

**Given** pet exists in the store

**When** pet id is submitted

**Then** the record with the specified pet id will be deleted

* Scenario 1.11: Delete pet by non-existent pet id

**Given** pet does not exist in the store

**When** not-existent pet id is entered to be deleted

**Then** error is displayed “Pet not found”

* Scenario 1.12 Find pet by invalid pet id

**Given** pet does not exist in the store

**When** invalid pet id is entered to be deleted

**Then** error is displayed “Invalid ID supplied”

* Scenario 1.13: Upload an image for pet

**Given** pet id exists in the store

**When** image of pet is uploaded

**Then** image will be updated for the pet

**2. Store**

* Scenario 2.1: Place an order for a pet

**Given** an order is received for a pet

**When** details of order are entered

**Then** order will be placed

* Scenario 2.2: Place an order for a pet using invalid details

**Given** an order is received for a pet

**When** invalid details of order are entered

**Then** an error is displayed “Invalid Order”

* Scenario 2.3: Find pet inventories by status

**Given** pets are available in store inventory

**When** inventory is searched

**Then** a map of status codes to quantities returned

* Scenario 2.4: Find purchase order by order id

**Given** purchase order exists

**When** purchase order is searched by order id

**Then** purchase details of order id returned

* Scenario 2.5: Find purchase order by non-existent order id

**Given** purchase order does not exist

**When** purchase order is searched by order id that does not exist

**Then** an error is displayed “Order not found”

* Scenario 2.6: Find purchase order by invalid order id

**Given** purchase order does not exist

**When** purchase order is searched by order id that does not exist

**Then** an error is displayed “Invalid ID supplied”

* Scenario 2.7: Delete order by order id

**Given** purchase order exists

**When** order id is submitted

**Then** purchase order with order id is deleted

* Scenario 2.8: Delete purchase order by non-existent order id

**Given** purchase order does not exist

**When** non-existent order id is submitted

**Then** an error is displayed “Order not found”

* Scenario 2.9: Find purchase order by invalid order id

**Given** purchase order does not exist

**When** invalid order id is submitted

**Then** an error is displayed “Invalid ID supplied”

**3. User**

* Scenario 3.1: Create user

**Given** a user is logged into the system

**When** user details are entered

**Then** new user is created

* Scenario 3.2: Create users using an Array

**Given** users are new to the system

**When** a list of users are entered into an array

**Then** new users created

* Scenario 3.3: Create users using a List

**Given** users are new to the system

**When** users are entered into a list

**Then** new users created

* Scenario 3.4: Log user into the system

**Given** user is in log in page

**When** valid username and password are entered

**Then** user logged into the system

* Scenario 3.5: Log user into system with invalid details

**Given** user in log in page

**When** invalid username or password is entered

**Then** error is given “Invalid username/password supplied”

* Scenario 3.6: Log out currently logged user

**Given** user is logged into system

**When** user requests log out

**Then** user is logged out of the system

* Scenario 3.7: Find user by username

**Given** user exists in system

**When** username is entered

**Then** user with that username is returned

* Scenario 3.8: Find user by username that does not exist

**Given** user does not exist in system

**When** username is entered

**Then** error is displayed “User not found”

* Scenario 3.9: Find user with invalid username

**Given** user does not exist in system

**When** invalid username is entered

**Then** error is displayed “Invalid username supplied”

* Scenario 3.10: Update user

**Given** a user is logged into the system

**When** valid username is provided

**And** details of user are entered

**Then** user details will be updated

* Scenario 3.11: Update user for non-existent username

**Given** a user is logged into the system

**When** username that does not exist is entered

**Then** error is displayed “User not found”

* Scenario 3.12: Update user for invalid username

**Given** a user is logged into the system

**When** an invalid username is entered

**Then** error is displayed “Invalid user supplied”

* Scenario 3.13: Delete user

**Given** a user is logged into the system

**When** valid username is provided

**And** details of user are entered

**Then** user details will be updated

* Scenario 3.14: Delete user for non-existent username

**Given** a user is logged into the system

**When** username that does not exist is entered

**Then** error is displayed “User not found”

* Scenario 3.15: Delete user for invalid username

**Given** a user is logged into the system

**When** an invalid username is entered

**Then** error is displayed “Invalid user supplied”