

## Test plan.

### Description:

The "PerfDog" pet store is developing a new version of its website.

### Scope

The petstore API (<https://petstore.swagger.io>) will be validated from Postman, in its Version 10.16.0 (10.16.0), only taking into account the following functionalities.

- Create a user. `{/user/createWithArray}`
- Login with the newly created user. `{/user/login}`
- List all pets that have the status "available". `{/pet/findByStatus}`
- Consult the data of a specific pet (any). `{/pet}`
- Create an order (purchase) for a pet. `{/store/order}`
- Logout from the application. `{/user/logout}`

Some tests will be implemented, in which the code status and the structure of the response of the following collection will be observed. *(The collection is located in the repository <https://github.com/emieleśG04/Petstore> , in the documentation branch, in the document folder with the name PerfDog-collection.json)*

### Out of scope:

- Services not mentioned in the scope.
- Service responses different from those found in the test cases.

### Strategy:

Requests from Postman will be made to the base URL <https://petstore.swagger.io/v2/>, adding the services mentioned in the scope.

This will be done through Backend automation and with the help of Karate.

Regression testing will be executed at the end of each sprint (before the Sprint review).

- **Suspension criteria**

It will be carried out when:

- The system does not comply with the requirements established by PO, after implementing the suspension will be 20 working days.
- **Acceptance criteria:**
  - Features must be deployed in the QA environment and have been tested.
  - Critical defects found during testing have been resolved and closed.
  - When the user's record is correct with their specifications in the characters of each field.
  - When the business validations are correct.
- **Return Criteria:**
  - When the system has an error or failures with a percentage higher than 40%.
  - The System does not meet the prerequisites of the My Orders, Home, Order and Personal Information screen.
- **Pre-requirements:**
  - Have access to the database to validate user registration.
  - Have access to two different internet networks.
  - That the application is installed in a quality environment.
  - To have access to the application services.
  - Access to the repository
  - Access to JIRA
- **Limits:**
  - No internet connection.
- **Assumptions:**
  - That the unit tests are correctly tested.
- **Infrastructure:**
  - Availability to database connection, if possible to the service.
  - Access to Postman
  - Access to the testing environment.
  - Access to Jira
- **Data:**

500 records (new and old) are required for each field where they meet the minimum and maximum character length requirements;

The data are as follows

1. username (Correct, incorrect)

2. firstName
3. lastName
4. email (Correct, incorrect)
5. password (Correct, incorrect)
6. phone (Correct, incorrect)
7. Pets states (available, pending, sold)
8. petId (Correct, incorrect).