# Pet Store API
# Test Plan

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| **Project Name** | PetStore.Swagger | **Test Plan Version** | 1.0 |
| **Product Version** | 2.0 | **Test Plan Template Version** | 1.0 |

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## 1. Introduction

### 1.1 Purpose of the test plan document

This document serves as a test plan. It describes the testing approach and automation testing approach that will test the application.

This document describes:

- o Application under test overview
- o Testing strategy
- o Test management
- o Test Risks

Each section is divided into several subsections that serve to provide more detailed insight on the description and the goals of that section. This document focuses on the functional testing of the application. Providing details on the strategy and management of performance testing and security testing is not in the scope of this document.

## 1.2 APPLICATION UNDER TEST OVERVIEW – PETSTORE.SWAGGER

petstore.swagger is a sample API that simulates a pet shop management server. The API allows you to access Petstore data using a set of individual calls. There are three endpoint groups namely Pet, Store and User.

### 2.1. Pet

This group, namely Pets contains every endpoint needed to manage Pet's records. You can add, remove, retrieve or update pet records through this endpoint.

### 2.2. Store

This group, namely Store contains endpoints required to manage your orders. You can create order records, update order status, or retrieve your inventory details to check your current records.

### 2.3. User

This group, namely User contains endpoints required to manage your customer records. It also contains endpoints for users to log in and out.

## 2. TESTING STRATEGY

Testing Strategy will provide information about scope of testing and testing type for the application.

### 2.1 TEST SCOPE

The scope of this testing project will be limited to API testing of aforementioned product. It will not include non-functional testing as performance, load, security, stress and load testing.

#### 2.1.1 Functional testing

Functional testing will be performed to verify if the application features are developed according to the specifications. Manual Testing and Automation Testing will be performed for functional testing.

### 2.2 TEST ENVIRONMENT

-Visual Studio 2022
-C# Programming Language
-RestSharp

## 3. SCHEDULE

The start date of the project is starting from 27.02.2023 to 05.03.2023.

## 4. ROLE & RESPONSINILITY

There is only one Test Automation Engineer

Test Automation Engineer is responsible to test the application as a whole.

## 5 . RISKS

Responsible Engineer has never used C# programming language and specific automation tools for this project.

Limited Time.

## 6 . OUTCOMES

-Auomated Test Scripts for the project with RestSharp

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05/03/2023