

# NestedFlow Automation – Test Scenario Creation

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## Table Of Contents

Introduction .....	1
Test Scenario Representation.....	2
Representation Block: .....	3
Script 1: Login.....	4
Script 2: Search A Fish .....	5
Script 3: Complete Transaction .....	6
Script 4: Checkout .....	6
Test Execution .....	7

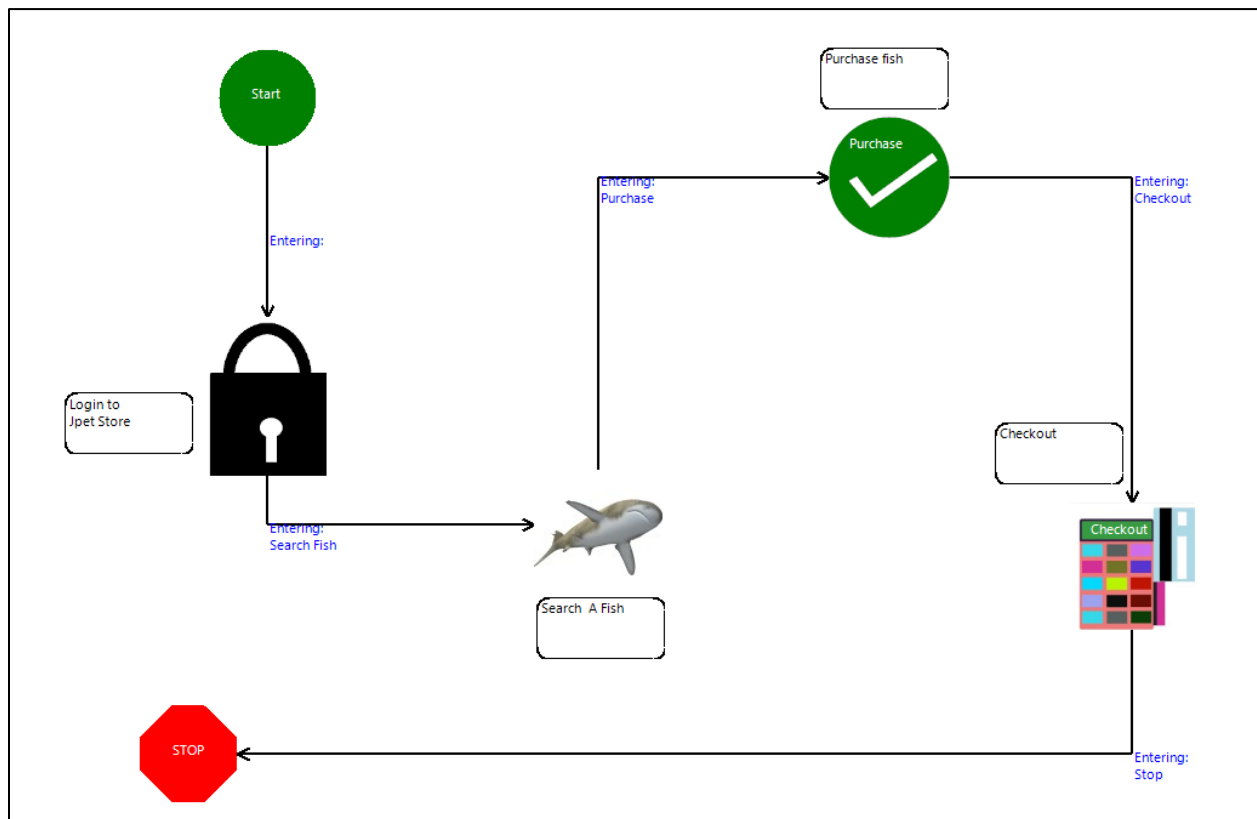
## Introduction

In this document we will investigate Test case modelling options provided in the NestedFlow Automation tool. NestedFlow Automation tool provides a graphical, intuitive way of modelling test scenarios and cases and allows creation of reusable components. This document pertains to NestedFlow Automation tool 1.5 and above

## Test Scenario Representation

From version 1.5 and onwards, NestedFlow Automation tool provides a feature to pictorially represent test scenarios which will enable:

1. Easy understanding of test scenarios
2. Easy segregation of test steps
3. Enables modular test scripts



Refer the above test scenario representation. Just by looking at it, one can clearly understand the objective of the test:

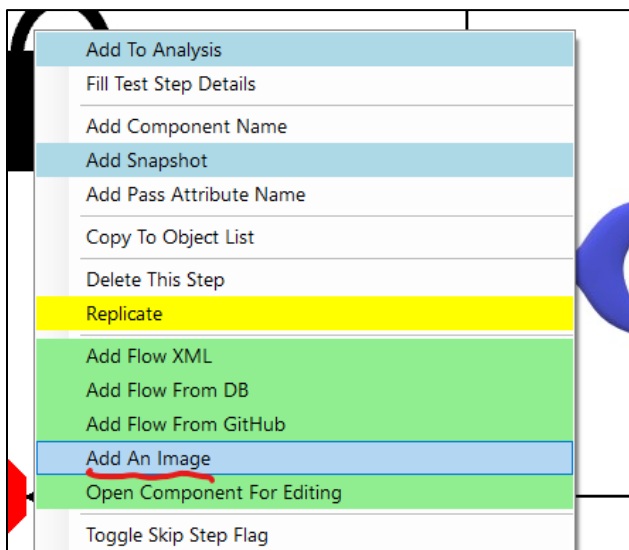
1. Login to JPet Store
2. Search a fish
3. Purchase the searched fish
4. Checkout

We can assign test scripts for suitable test scenario and create a readable representation as well as an automation script that can be executed from the pictorial chart

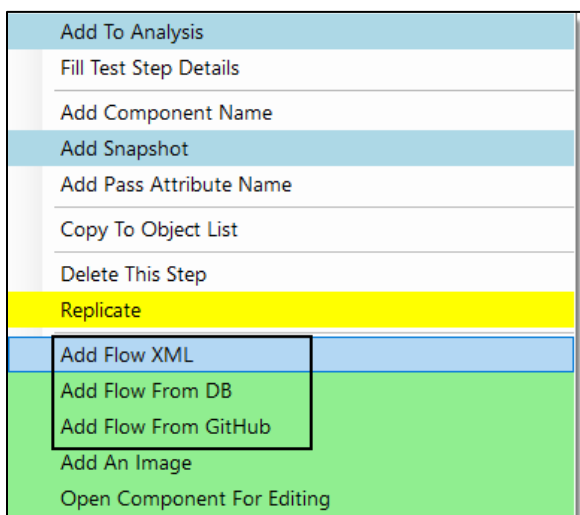
## Representation Block:



Representation block is available in the **Test Case Directors** section of the components. By default, it will look like a black rectangle, but a meaningful static image can be easily associated with the block to make it more presentable to the viewer.



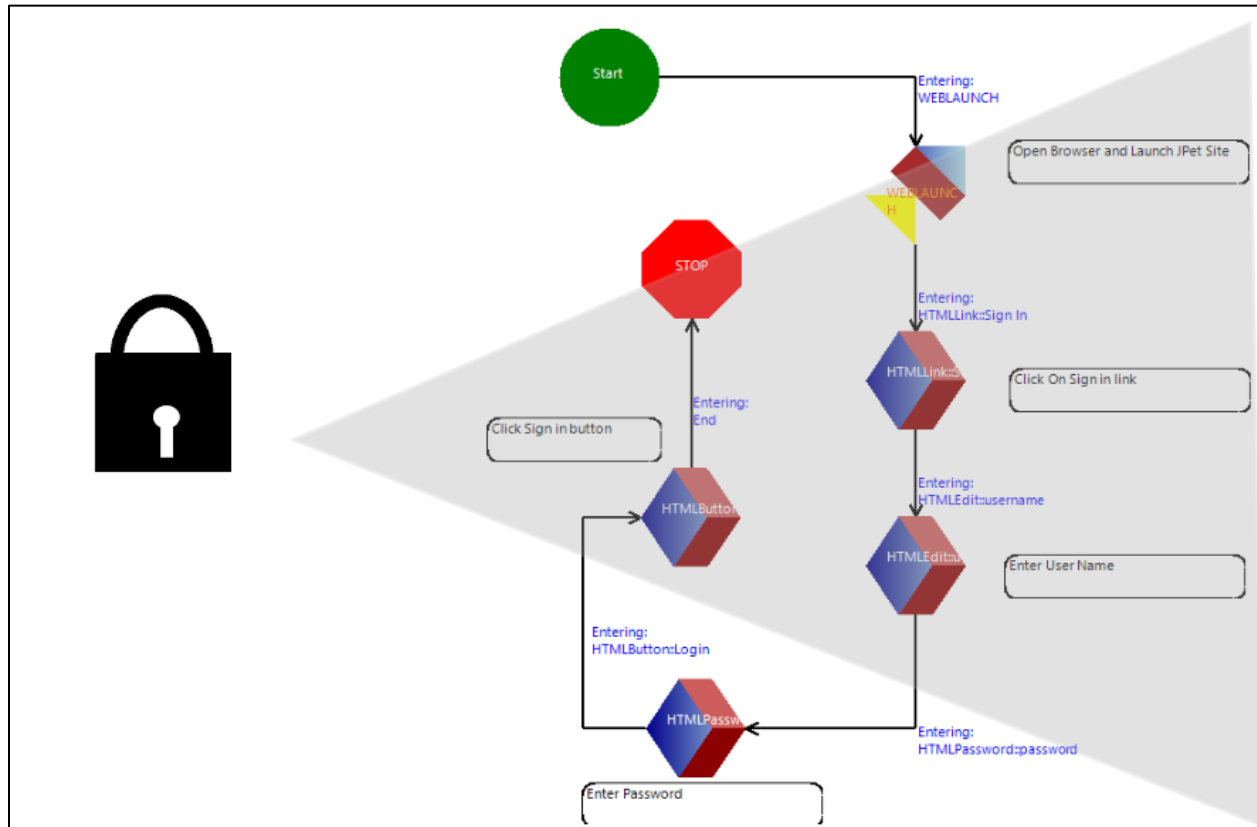
Once a meaningful image is associated with the block, the next step is to associate actual test scripts with each of these scenarios.



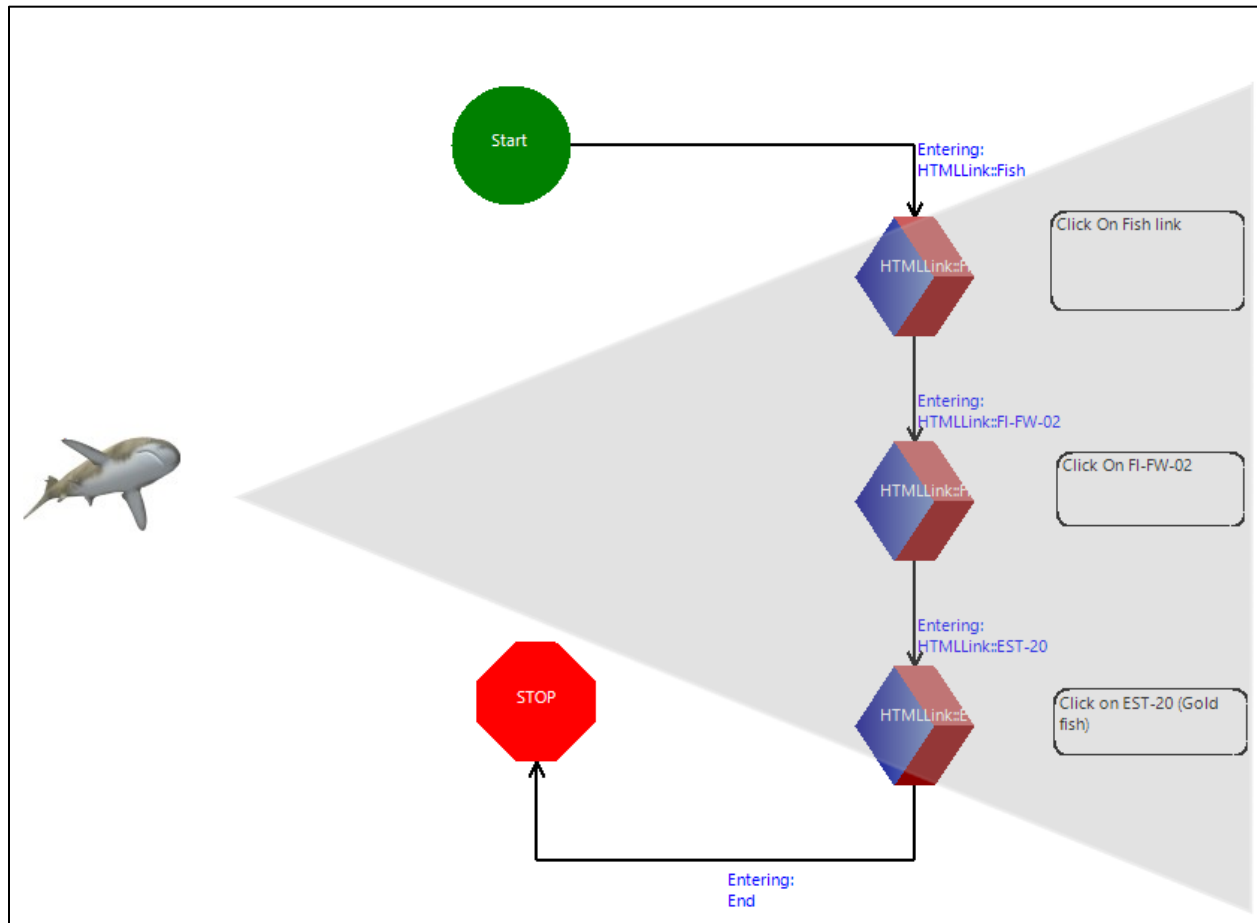
Test scripts can be associated from database, file system or even from GitHub.

Test scripts can be viewed by using context menu **Open Component For Editing**.

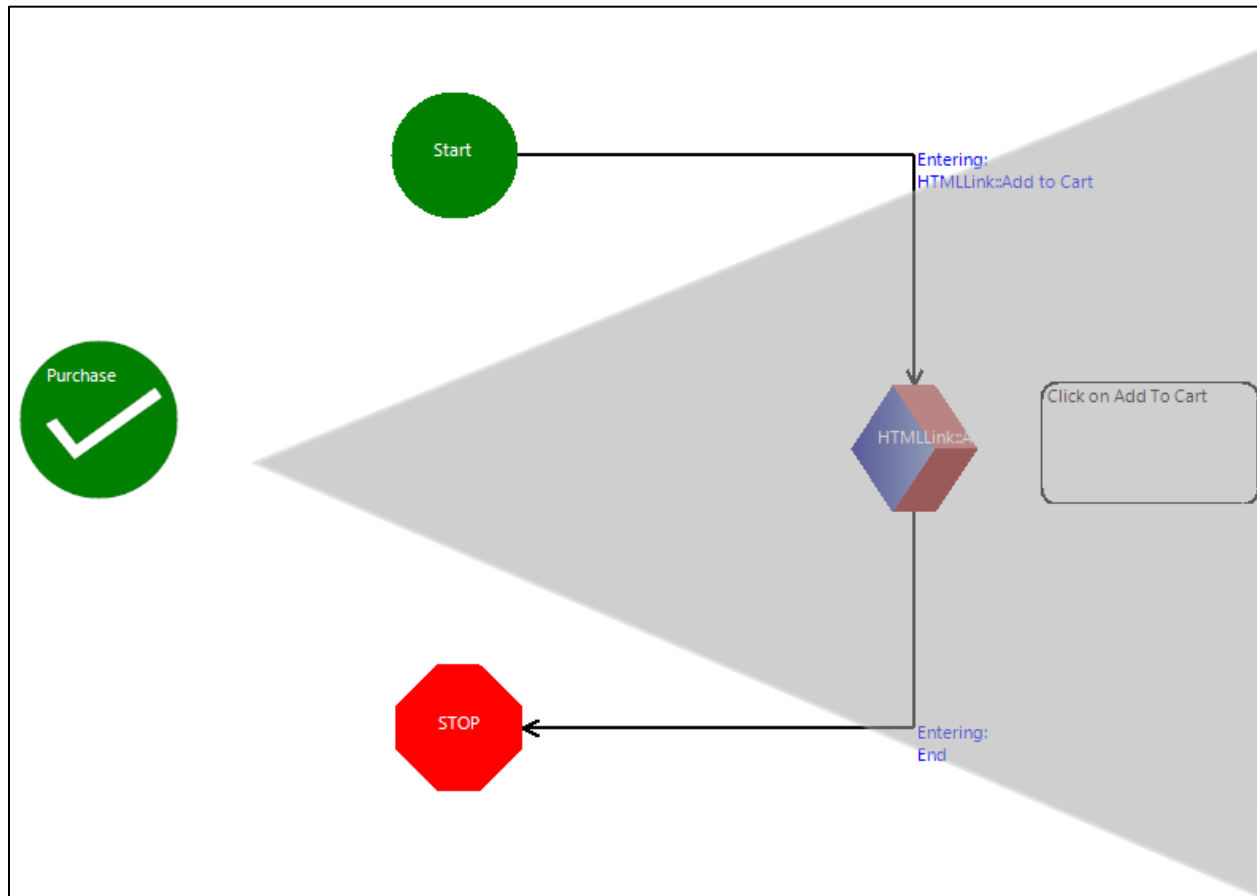
### Script 1: Login



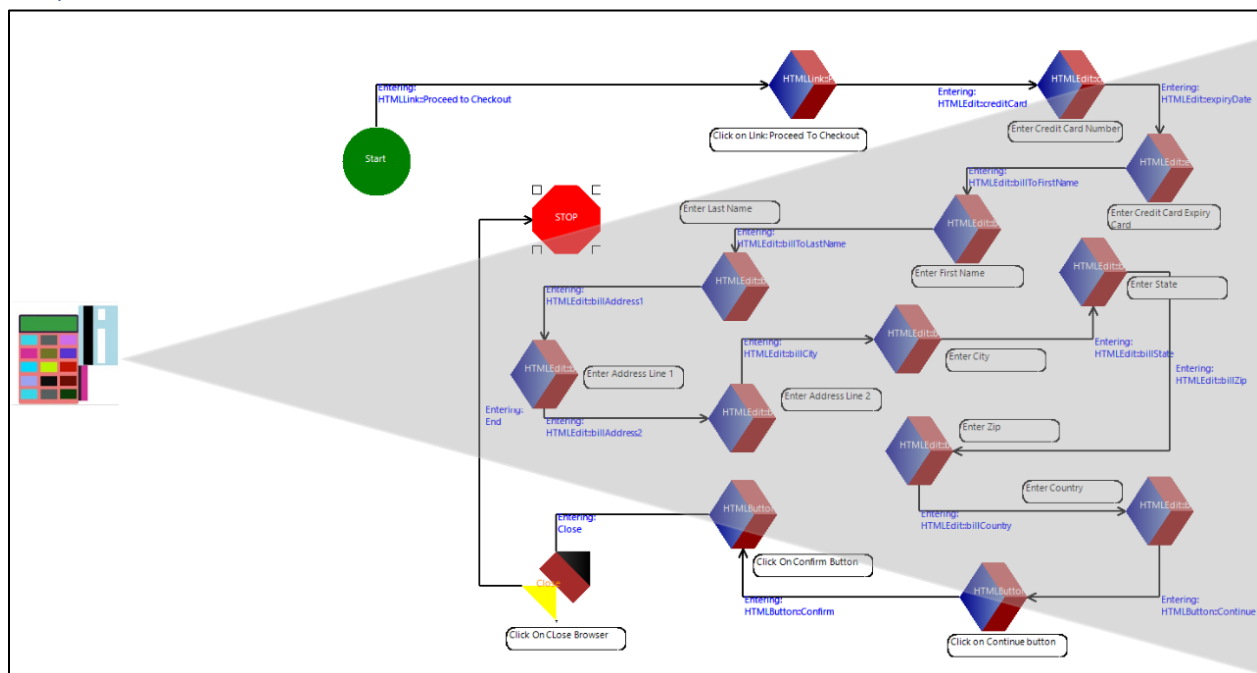
## Script 2: Search A Fish



### Script 3: Complete Transaction

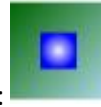


### Script 4: Checkout





## Test Execution



Representation block is very similar to Nested Test flow block: , the only difference being the images that can be added to representation block to make it more understandable. Representation block works exactly like the nested block and all test cases will be executed one after one in the sequence in which they are connected.