

Cognizant Academy

Generic Medicine

NUnit Specification Document

Version 1.0

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1.0 Introduction

1.1 Purpose of this document

The purpose of this document is to define the NUnit implementation for the project available [here](#).

1.2 Project Overview

The application developed is for a medical admin person, who wants to create detail on Generic medicine for currently available medicines in the market. The application has 2 parts: Part 1 – To create the generic medicine detail. Part 2 – To provide detail on the packing to carton to send it to a retailer

1.3 Scope

1. Creation of NUnit test cases for the solution provided..

1.4 Hardware and Software Requirement

1. Hardware Requirement:
 - a. Developer PC with 8GB RAM
2. Software Requirement
 - a. .Net Framework 4.5
 - b. Visual Studio Professional Edition 2015
 - c. NUnit Fraework 3.8.1
 - b-d. NUnit3TestAdapter 3.8

2.0 NUnit test cases for Create Medicine detail

2.1 Create medicine detail successfully

- Check if the medicine object gets created successfully on providing all correct detail

2.2 Check on exceptions

- Check if exception is thrown on providing empty value for Generic Medicine name.
- Check if exception is thrown on providing value less than 0 for price per strip.
- Check if exception is thrown on providing date less than current date for expiry date parameter

3.0 NUnit test cases for Carton detail

3.1 Create carton detail successfully

- Check if the Carton object gets created successfully on providing all correct detail

3.2 Check on exceptions

- Check if exception is thrown on providing value less than 0 for medicine strip count.
- Check if exception is thrown on providing date less than current date for launch date parameter
- Check if null value provided for Medicine object, then Null carton detail should be obtained

4.0 Standards and Guidelines

4.1 TestCases

1. All .Net coding standards are applicable
2. Provide meaningful names to the test cases
Use the convention for method name
MethodName_Scenario_ExpectedBehaviour
- 2.3. Write individual test cases to catch appropriate exceptions as applicable

5.0 Change Log

	Changes Made			
V1.0.0	Initial baseline created on 24-Mar-20 by Seshadri M R Initial baseline created on 20-May-19 by Ramamoorthy Selvam			
Vx.y.z	<Please refer the configuration control tool / change item status form if the details of changes are maintained separately. If not, the template given below needs to be followed>			
	Section No.	Changed By	Effective Date	Changes Effected