DXC Forum

JUnit and Results

Version 1.0

Table of Contents

[1. Background and Scope 3](#_Toc302455389)

[2. Requirements for Test 3](#_Toc302455390)

[2.1 Test Environments 3](#_Toc302455391)

[2.2 Legal and Regulatory Requirements 3](#_Toc302455392)

[3. Testing 3](#_Toc302455393)

[3.1 Testing Types 3](#_Toc302455394)

[3.2 Unit Testing 4](#_Toc302455395)

[3.3 Performance Testing 4](#_Toc302455396)

[3.4 Coding Standards 5](#_Toc302455397)

# Background and Scope

DXC Forum – Already Given some definition from the PPT.

# Requirements for Test

## Test Environments

|  |  |
| --- | --- |
| Local | localhost:3000 |
| Jenkins Server | Localhost-8090 |
| AWS | Localhost-5000 |

## Legal and Regulatory Requirements

NA

# Testing

## Testing Types

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Unit Testing\* |  |  |  | Performance Testing\* |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | System Testing |  |  |  | User Acceptance Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Functional Testing |  |  |  | Stress Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | User Interface Testing |  |  |  | Volume Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Regression Testing | |  |  | Failover / Recovery Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Security & Access Control Testing |  |  |  | Configuration Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Data Integrity Testing |  |  |  | Installation Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Database Integrity Testing |  |  |  | Load Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Coding Standards |  |  |  | Business Cycle Testing |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | Other (Describe) |  |  |  |  |  |
|  |  |  | NA |  |  |  | ***\* Required for all program changes*** |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

## 

## Unit Testing

|  |  |  |
| --- | --- | --- |
| **Testing Type: Unit Testing** | **Date: 17.08.2022** | **Tester Name: DXC\_Forum team** |
|
|  | | |

| **Test Procedure** | **Expected Result** | **Actual Result** | **Follow-Up Actions** |
| --- | --- | --- | --- |
| certification module:  In this module we tested on crud operations. | Expected the Certification module result is pass | **Works as Expected.** | **Documented as Screenshots in below attached document.** |

Attach other documents with 4 to 6 screens and attach it here.



## Performance Testing

|  |  |  |
| --- | --- | --- |
| **Performance Testing** | **Date:** | **Tester Name:** |
|
|  | | |

| **Test Procedure** | **Expected Result** | **Actual Result** | **Justification/Follow-Up** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

|  |  |
| --- | --- |
|  | No EXPLAIN required because no SQL was added or changed. |

| **Programs with SQL/Stored Procedures** | **Attach Explain** | **Standards Pass/Fail** | **Justification/Follow-Up** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Coding Standards

|  |  |  |
| --- | --- | --- |
| **Testing Type: Java Code Quality** | **Date: 19.08.2022** | **Tester Name: DXC\_Forum team** |
|
|  | | |

| **Junit test Report – Before Coding** | **Code Fixes Required** | **Junit test Report – After Coding** | **Standards Pass/Fail** |
| --- | --- | --- | --- |
|  | No |  | Pass |