**Purpose of the Document**

This Test Plan document is to describe the testing approach and overall framework that will drive the testing of the project.

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# Introduction

## Purpose

This is to Provide a summary of the test strategy, test approach, execution strategy and test management.

## Project Overview

Automation testing online application to book rooms and submit enquiry suig contact form

# Scope

## Functional testing

Testing the UI functionality of the application

## Non functional testing

1. Performance testing
2. Accessibility testing

# Testing Strategy

## Test Objectives

Build Automation farmwork for UI functionality of the application by using playwright

## Test Assumptions

All required changes been deployed in QA and ready for test

## Level of Testing

Functional and non-Functional testing

## Functional Testing-test CASES & Defects (UI Automation)

Attached below



# Execution Strategy

## Entry Criteria

* The URL is stable with expected functionalities and ready for testing.

|  |  |  |  |
| --- | --- | --- | --- |
| **Entry Criteria** | **Test Team** | **Technical Team** | **Notes** |
| Test environment(s) is available | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| Test data is available | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| Code has been merged successfully | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| Development has completed unit testing | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| Test scripts are completed, reviewed and approved by the Project Team | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |

## Exit criteria

|  |  |  |  |
| --- | --- | --- | --- |
| **Exit Criteria** | **Test Team** | **Technical Team** | **Notes** |
| 100% Test Scripts executed | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| 90% pass rate of Test Scripts | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| No open Critical and High severity defects | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| All remaining defects are either cancelled or documented as Change Requests for a future release | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| All expected and actual results are captured and documented with the test script | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| All test metrics collected based on reports from daily and Weekly Status reports | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| All defects logged in Defect Tracker/Spreadsheet | C:\Users\arxp\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\7F9Z3IW4\MC900441310[1].png |  |  |
| Test environment cleanup completed and a new back up of the environment |  |  |  |

## Validation and Defect Management

* Specify how test cases/test scenarios should be validated
* Specify how defect should be managed
  + It is expected that the testers execute all the scripts in each of the cycles described above.
  + The defects will be tracked through Defect Tracker or Spreadsheet.
  + It is the responsibility of the tester to open the defects, retest and close the defect.

Defects found during the Testing should be categorized as below:

|  |  |
| --- | --- |
| **Severity** | **Impact** |
| 1 (Critical) | * Functionality is blocked and no testing can proceed * Application/program/feature is unusable in the current state |
| 2 (High) | * Functionality is not usable and there is no workaround but testing can proceed |
| 3 (Medium) | * Functionality issues but there is workaround for achieving the desired functionality |
| 4 (Low) | * Unclear error message or cosmetic error which has minimum impact on product use. |