**System Test Plan**

**For**

**Portales Theater Reservations System**

Written by:

Date:

**Change Control**

The following information is being used to control and track modifications made to this document.

1) Revision Date: 4/12/2022

Author: Zach Dowding

Section(s): 1.1, 2.1, 2.6, 2.7

Page Number(s): 1,2,3

Summary of Change(s): Start to basic sections

2) Revision Date:

Author:

Section(s):

Page Number(s):

Summary of Change(s);

Table of Contents

Contents

[1. Introduction 2](#_Toc100687981)

[1.1 Purpose 2](#_Toc100687982)

[1.2 Objectives 2](#_Toc100687983)

[1.3 System Description 2](#_Toc100687984)

[2. Test Plan 2](#_Toc100687985)

[2.1 Scope 2](#_Toc100687986)

[2.2 Testing Approach 2](#_Toc100687987)

[2.3 Test Schedule 2](#_Toc100687988)

[2.4 Problem Reporting and Data Recording 2](#_Toc100687989)

[2.5 Resource Requirements 2](#_Toc100687990)

[2.6 Test Environment 3](#_Toc100687991)

[2.7 Identification of Tests 4](#_Toc100687992)

[2.8 Acceptance Test Report 4](#_Toc100687993)

[2.9 Corrective Action 4](#_Toc100687994)

[3. Test Cases 4](#_Toc100687995)

# Introduction

## Purpose

This document is a test plan for Los Portales Theater, specifying the System Testing, produced by the WMD team. It describes the testing strategy and approach to testing the team will use to verify that the application meets the established requirements of the business prior to release.

## Objectives

* Meets the requirements, specifications and the Business rules.
* Supports the intended business functions and achieves the required software standards.
* Satisfies the Entrance Criteria for User Acceptance Testing.

## System Description

* Brief description of the system and functions it in intended to perform.

# Test Plan

## Scope

This Test Plan applies to the integration and system tests that will be conducted on our website.

Our testing scope will be limited to our Reservations system. Our website tests involve 14 input and 7 output tests to our database, and these would be the mains focus of testing.

## Testing Approach

C The types of tests which will be performed (e.g. functional testing, security testing, stress testing, timing tests, compliance testing, capacity testing).

C The level at which testing is performed (e.g., system level, component level, integration level).

C Test methods, tools, harnesses and procedures to be used.

C Source(s) of test data.

## Test Schedule

A detailed schedule - also known as a Work Break down Structure (WBS) - indicating all acceptance testing activities to be performed, and the planned start and end dates for each.

## Problem Reporting and Data Recording

C Description of, or reference to, the problem reporting process which will be used.

C Description of how test results will be recorded.

C Description of how problems will be tracked to resolution.

## Resource Requirements

C Hardware requirements (e.g., hardware items, interfacing equipment).

C Software requirements (e.g., operating systems, compilers, test drivers, test data generators).

C Documentation requirements (e.g., test documentation).

C Staffing requirements (e.g., development team, end users, customers).

C Test data requirements.

C Other requirements (e.g., special equipment, rooms, specific times of day or week, turnaround times, training required).

## Test Environment

Describe the plans for setting up the test environment.

Our Test environment would Include the following Devices

1. Computer
2. Internet access
3. Web browser
4. Access to database included with website

## Identification of Tests

Table

Description automatically generatedList of individual tests and objective(s) of each test. Note: At least one Test Case should be prepared for each test identified here.

## Acceptance Test Report

Document what will be included in the Acceptance Test Report. This report usually closes out the acceptance process.

## Corrective Action

The process that will be used to apply corrections and re-test those cases which fail. This process should be iterative, until each test case has successfully executed.

# Test Cases

The attached Test Scenario Specification Form provides a template for use in preparing individual test cases. The form can be customized as appropriate.

The following is a description of the content of key fields. The others, e.g., Written By, are deemed to be self-explanatory.

Version No.: The version number of the item being tested.

Release No.: The release number of the item being tested.

Build #: The tracking number associated with the module, set of modules, or other item(s) that perform(s) the function tested by this test case.

Test Scenario#: A number (sequential) assigned to this test case for tracking purposes.

Requirement #: The number of the requirement that will be proven by this test case.

Environment: E.G., mainframe, client/server.

Machine tested: E.G., PC, server.

Retry #: A sequential number representing the number of times the test case has been executed.

STEP#: A number (sequential) associated with the step to be performed in the test scenario.

Description: What happens in this step.