TEST PLAN

Contents

[INTRODUCTION 1.1. 2](#_Toc12564821)

[Purpose: 2](#_Toc12564822)

[Project Overview 2](#_Toc12564823)

[Audience 2](#_Toc12564824)

[TEST STRATEGY. 2](#_Toc12564825)

[TEST OBJECTIVES 2](#_Toc12564826)

[TEST ASSUMPTIONS 2](#_Toc12564827)

[TEST PRINCIPLES 2](#_Toc12564828)

[TESTING 2](#_Toc12564829)

[Standard Test Cases 3](#_Toc12564830)

[ERROR AND BUG MANAGEMENT 5](#_Toc12564831)

[APPROVALS 5](#_Toc12564832)

# INTRODUCTION 1.1.

Purpose:  
 This test plan describes the testing approach and overall framework that will drive the testing of estates web based system. The document introduces:   
 • Test Strategy: rules the test will be based on, including the givens of the project (e.g.: start / end dates, objectives, assumptions); description of the process to set up a valid test (e.g.: entry / exit criteria, creation of test cases, specific tasks to perform, scheduling, data strategy).   
• Execution Strategy: describes how the test will be performed and process to identify and report defects, and to fix and implement fixes.   
• Test Management: process to handle the logistics of the test and all the events that come up during execution (e.g.: risks and mitigation)

## Project Overview

The estates Web Based System is a system providing employees of the estates department with the ability to view relevant information concerning the day to day activities of the department, with an internet enabled PC. The functionality of this system spans through the entire system, making information available anywhere, anytime. One can only view info that he/she is authorized to.

## Audience

Project team members perform tasks specified in this document, and provide input and their recommendations on this document.

# TEST STRATEGY.

## TEST OBJECTIVES

Verify that the main functionalities of the system are working efficiently and according to the specifications listed  
The Tests will be carried out using data preloaded into the system at the time of execution

## TEST ASSUMPTIONS

Performance testing will not be conducted.

Any bugs or errors found will be fixed

## TEST PRINCIPLES

Testing will be focused on meeting the objectives, efficiency, and achieving better quality  
Testing will be a repeatable, quantifiable, and measurable activity.  
Testing activities should avoid replication of effort

## TESTING

#### System and Integration Testing

Carried out in an integrated hardware and software environment to verify the behavior of the complete system. It is testing conducted on a complete, integrated system to evaluate the system's compliance with its specified requirementS.

#### User Acceptance Testing

The purpose of acceptance test is to confirm that the system is ready for operational use. During acceptance test, end-users (customers) of the system compare the system to its initial requirements

## Standard Test Cases

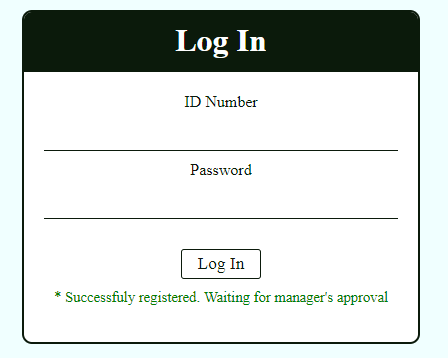
Log In

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Scenario** | **Test Steps** | **Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 001 | 1.Check LogIn data With Valid data | 1. Go to Site  2. Enter Credentials  3. Submit | ID N0 = “3511872”  PASS= “qwerty” | User Should LogIn to System | As Expected | Pass |
| 002 | 2. Check Login data with invalid Password | 1. Go to Site  2. Enter the values  3. Submit | ID N0 = “3511872”  PASS= “2345y” | Display error message “Incorrect password” | As Expected | Pass |
| 003 | 3. Check Login data with invalid ID NO | 1. Go to Site  2. Enter the values  3. Submit | ID N0 = “3457782”  PASS= “DDeq23y” | Display error message “No Such User” | As Expected | Pass |



Register

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Scenario** | **Test Steps** | **Data** | **Expected Results** | **Actual**  **Results** | **Pass**  **/Fail** |
| 001 | 1 Register User | 1.Go to site  2.Enter credentials |  | Display message “Successfully registered ” | As Expected | Pass |



LogOut

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Scenario** | **Test Steps** | **Data** | **Expected Results** | **Actual**  **Results** | **Pass**  **/Fail** |
| 001 | 1 Logging out of System | 1.Press Log Out button  2.LogOut | N/A | Returns user back to LogIn Screen | As Expected | Pass |

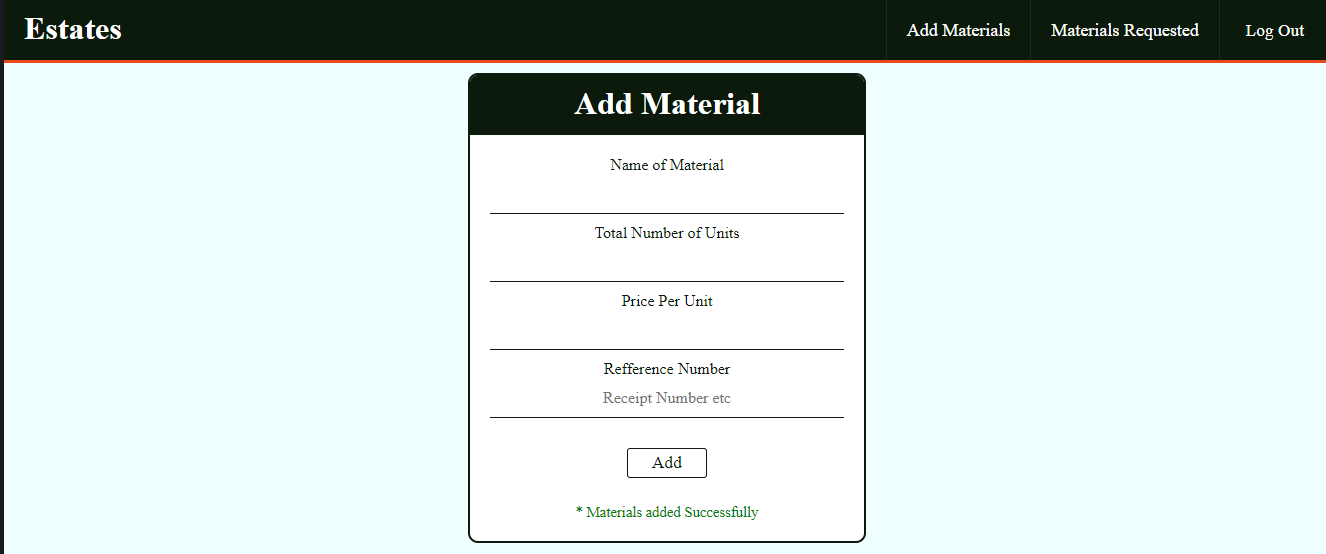
Requesting Work

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Scenario** | **Test Steps** | **Data** | **Expected Results** | **Actual**  **Results** | **Pass**  **/Fail** |
| 001 | 1 Requesting work | 1.Go to site  2.Log In as secretary  3.Fill work request into System  4. Submit request |  | Display message “Request submitted successfully” | As Expected | Pass |



Add Materials

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Scenario** | **Test Steps** | **Data** | **Expected Results** | **Actual**  **Results** | **Pass**  **/Fail** |
| 001 | 1 Adding Materials | 1.Go to site  2.Log In as storeman  3.Fill add materials form  4. Submit |  | Display message “Materials added  successfully” | As Expected | Pass |



Approve Requests

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Scenario** | **Test Steps** | **Data** | **Expected Results** | **Actual**  **Results** | **Pass**  **/Fail** |
| 001 | 1 Approving Requests | 1.Go to site  2.Log In as Manager  3.GO to approve requests  4. Approve | N/A | “ The Work request is removed from the list” | As Expected | Pass |



## ERROR AND BUG MANAGEMENT

Defects found during the Testing will be categorized as follows.

* Critical – bugs that crash the whole system
* Low – unclear error message produced with minimum impact

# APPROVALS

Who approves of this test plan

|  |  |
| --- | --- |
| **Name** |  |
| **Role** |  |
| **Date** |  |