**Test Plan for SuiteCRM.com Demo Website**

**Project Name:** SuiteCRM.com Demo Website Testing  
**Date:** 16/10/2024  
**Prepared By:** Hussein El Husseini

### 1. Introduction

#### 1.1 Purpose

The purpose of this test plan is to define the approach, resources, and schedule for testing the SuiteCRM.com demo website. The goal is to verify the functionality, performance, and usability of the CRM system, ensuring it meets requirements and is user-ready.

#### 1.2 Scope

This test plan covers functional testing for login, lead/contact management, reporting, and email campaign features. Non-functional aspects, including performance and security, will also be tested.

#### 1.3 Objectives

1. Verify that users can log in and navigate the CRM.
2. Ensure lead and contact management functions work correctly.
3. Check for accurate data visualization in reports.
4. Test email campaign functionalities.
5. Identify and resolve any critical defects.

### Test Strategy

#### 2.1 Testing Types

* **Functional Testing**: Verifying core CRM functionalities, such as user login, dashboard navigation, and lead/contact management.
* **Regression Testing**: Ensuring new changes don’t affect existing functionality.
* **Usability Testing**: Ensuring user-friendliness, focusing on the UI and ease of navigation.
* **Performance Testing**: Checking response times and system behavior under load.

#### 2.2 Approach

* **Functional tests** will be conducted manually to cover all core CRM functionalities.
* **Regression tests** will be automated where possible, particularly for login and data management functions.
* **Usability tests** will involve real-user assessments to evaluate UI/UX.

#### 2.3 Entry and Exit Criteria

**Entry Criteria:**

* Test environment (SuiteCRM demo site) is set up and accessible.
* Test cases are reviewed and approved.

**Exit Criteria:**

* All planned test cases are executed.
* All critical and high-priority defects are resolved.

### 3. Test Deliverables

1. Test Plan Document
2. Functional and Regression Test Cases
3. Test Summary Report
4. Defect Report
5. Test Closure Report

### 4.Test Environment

* **Operating System**: Windows 10
* **Browsers**: Chrome
* **Tools**: Microsoft Excel for Test Cases & Defect Tracking
* **Network**: Standard internet connection

### 5. Roles and Responsibilities

| Role | Responsibility | Person Assigned |
| --- | --- | --- |
| Test Manager | Overall test management | Johon Nafady |
| Test Engineer | Writing and executing test cases | Hussein Ossama El Hussseini |
| Test Engineer | Writing and executing test cases | Ahmed Mohamed Negm |
| Test Engineer | Writing and executing test cases | Rana Ossama Hassan |
| Test Engineer | Writing and executing test cases | Youstina Gamal Aziz |

### 6. Test Schedule

| Activity | Start Date | End Date |
| --- | --- | --- |
| Requirement Analysis | 10/10/2024 | 15/10/2024 |
| Test Planning | 16/10/2024 | 18/10/2024 |
| Test Case Design | 19/10/2024 | 23/10/2024 |
| Test Execution | 24/10/2024 | 25/10/2024 |
| Test Closure | 26/10/2024 | 27/10/2024 |

### 7. Risks and Mitigation

| Risk | Mitigation Strategy |
| --- | --- |
| Demo site access issues | Confirm access ahead of testing sessions |
| Requirement changes | Coordinate frequently with stakeholders |
| Limited testing resources | Prioritize high-priority test cases |

### Test Cases and Test Data

1. **Login Functionality**
   * **Test Case**: Verify that valid users can log in.
   * **Expected Result**: User is logged in and redirected to the dashboard.
2. **Account Management**
   * **Test Case**: Verify that users can create, view, import, edit and delete leads.
   * **Expected Result**: Changes are reflected immediately on the Accounts dashboard.
3. **Contact Management**
   * **Test Case**: Verify that users can create, view, import, edit and delete contacts.
   * **Expected Result**: Changes are reflected immediately on the Contacts dashboard.
4. **Opportunity Management**
   * **Test Case**: Verify that users can create, view, import, edit and delete opportunities.
   * **Expected Result**: Changes are reflected immediately on the Opportunities dashboard.
5. **Lead Management**
   * **Test Case**: Verify that users can create, view, import, edit, and delete leads.
   * **Expected Result**: Changes are reflected immediately on the leads dashboard.
6. **Quote Management**
   * **Test Case**: Verify that users can create, view, import, edit, and delete quotes.
   * **Expected Result**: Changes are reflected immediately on the Quotes dashboard.
7. **Calendar Management**
   * **Test Case**: Verify that users can create, view, edit, and delete Meetings, Calls, Tasks.
   * **Expected Result**: Changes are reflected immediately in the Calendar dashboard.
8. **Document Management**
   * **Test Case**: Verify that users can create, view, edit, and delete leads.
   * **Expected Result**: Changes are reflected immediately on the leads dashboard.
9. **Reporting**
   * **Test Case**: Check if reports can be generated and viewed.
   * **Expected Result**: Report data is accurately displayed.
10. **Email Campaigns**
    * **Test Case**: Verify users can create and send email campaigns.
    * **Expected Result**: Emails are sent to targeted contacts.

### 9.Defect Management

Defects will be logged in Microsoft Excel, categorized by severity, and tracked to resolution. High-priority defects will be escalated as needed.

### 10. Test Closure

At the end of testing, we will conduct a review meeting, document lessons learned, and prepare a final test summary report for the SuiteCRM demo website.