

MA Stucco, Inc. system

System Integration Test Plan

Version 1.0

2/19/2017

Pythoneers

Revisions

Version	Primary Author(s)	Description of Version	Date Completed
1.0	Jorge Márquez	Initial revision. Document creation	19/02/2017

Introduction

Objectives

The MA Stucco, Inc. system is a web application software product. It will provide efficiency of all the operational-level tasks and is going to improve the organization and assignment of them. This document will outline the system test plan that is in place and testing responsibilities.

Scope

This document should be used as a reference of the testing methodologies used by the Pythoneers.

References

Version	Document Name	Document Location
1.0	Software Requirements Specification	FinalProjectSpecifications-Final.pdf

Approvals

To proceed with the testing of the system, the team and project sponsor must sign-off on the system test plan document.

Test Responsibilities

Pythoneers

Pythoneers will carry out all testing related to the operation of the system software. This includes, but is not limited to, providing white box testing. Pythoneers will also keep this document up to date as per the status of the project.

Project Sponsor

The role of the project sponsor is to test the functionality of the system from the perspective of the user. This includes, but is not limited to, providing black box testing.

Tests**Modules to be tested**

Module Number	Module Name	Module Description
1	Login	The Login module is the access to the system
2	Home	The Home is the main page of the system
3	Order Input	The Order Input is the section of the system that enables the user (it has to be administrative one) to place a new order
4	Reports	The Reports presents a list of all finished jobs
5	Worker Administration	The Worker Administration is the section of the system that enables the user (it has to be administrative one) to administrate all workers in the organization
6	Available Reports	The Available Reports takes the user to the available jobs

These are taken from the Software Requirements Specification found in section VIII

Test Description

The following sections will describe the test cases that will be performed by The Client. These test cases will be identified by the component that they test as a whole system.

The Client & Login integration

Test Number	I1
Test Name	Access to the system as administrator
Startup State	None
Input Specification	<ul style="list-style-type: none">• Required credentials
Output Specification	<ul style="list-style-type: none">• Access to the Home page as administrator

Test Number	I2
Test Name	Access to the system as worker
Startup State	Test I1 has been accomplished
Input Specification	<ul style="list-style-type: none">• Required credentials
Output Specification	<ul style="list-style-type: none">• Access to the Home page as worker

The Client & Home

Test Number	I3
Test Name	Enter to the Order Input
Startup State	Test I1 has been accomplished
Input Specification	<ul style="list-style-type: none">• Login in as administrator• Click in Order Input button
Output Specification	<ul style="list-style-type: none">• A new page where enables user to place a new order

Test Number	I4
Test Name	Access to Reports
Startup State	Test I1 has been accomplished
Input Specification	<ul style="list-style-type: none">• Login in as administrator• Click in Reports button
Output Specification	<ul style="list-style-type: none">• A new page that presents a list of all finished jobs

Test Number	I5
Test Name	Access to Worker Administration
Startup State	Test I1 has been accomplished
Input Specification	<ul style="list-style-type: none">• Login in as administrator• Click in Worker Administration button
Output Specification	<ul style="list-style-type: none">• A new page that enables user to administrate all workers in the organization

Test Number	I6
Test Name	Access to Available Jobs
Startup State	Test I1 has been accomplished
Input Specification	<ul style="list-style-type: none">• Login in as administrator• Click in Available Jobs button
Output Specification	<ul style="list-style-type: none">• A new page with a list of all current jobs

Test Number	I7
Test Name	Access to Available Jobs

Startup State	Test I2 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as worker • Click in Available Jobs button
Output Specification	<ul style="list-style-type: none"> • A new page with a list of jobs in worker's specialty

The Client & Order Input

Test Number	I8
Test Name	New order
Startup State	Test I3 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as administrator • A complete form of the new order
Output Specification	<ul style="list-style-type: none"> • Order successfully saved

The Client & Reports

Test Number	I8
Test Name	Filter by cashed or uncashed jobs
Startup State	Test I4 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as administrator • Click in filter by cashed or uncashed jobs
Output Specification	<ul style="list-style-type: none"> • A list of cashed or uncashed jobs

Test Number	I9
Test Name	Search finished jobs with the search bar
Startup State	Test I4 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as administrator • Type specific job in the search bar
Output Specification	<ul style="list-style-type: none"> • The information of the specific job

The Client & Worker Administration

Test Number	I10
Test Name	Add worker
Startup State	Test I5 has been accomplished

Input Specification	<ul style="list-style-type: none"> • Login in as administrator • Click in add worker button • Complete worker information
Output Specification	<ul style="list-style-type: none"> • New worker saved successfully

Test Number	I11
Test Name	Edit worker information
Startup State	Test I10 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as administrator • Click in the edit worker button • Select the worker to be edited
Output Specification	<ul style="list-style-type: none"> • Worker saved successfully

Test Number	I12
Test Name	Remove worker
Startup State	Test I11 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as administrator • Click in the delete worker button • Select the worker to be removed
Output Specification	<ul style="list-style-type: none"> • Worker removed successfully

The Client & Available Jobs

Test Number	I13
Test Name	Jobs information
Startup State	Test I6 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as administrator • Click in an available job
Output Specification	<ul style="list-style-type: none"> • All the information of the job

Test Number	I14
Test Name	Jobs information
Startup State	Test I7 has been accomplished
Input Specification	<ul style="list-style-type: none"> • Login in as worker

	<ul style="list-style-type: none">• Click in an available jobs
Output Specification	<ul style="list-style-type: none">• All the information of the job

Test Number	I15
Test Name	Accept job
Startup State	Test I14 has been accomplished
Input Specification	<ul style="list-style-type: none">• Login in as worker• Click in Accept button
Output Specification	<ul style="list-style-type: none">• Job added successfully to My Jobs

Test Number	I16
Test Name	My Jobs section
Startup State	Test I15 has been accomplished
Input Specification	<ul style="list-style-type: none">• Login in as worker• Click in My Jobs button
Output Specification	<ul style="list-style-type: none">• List of current accepted jobs of the worker