Test Plan
Project:

Prepared by:

Date:

Product Version:

TEMPLATE

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Overview

This document will be divided up into the following section.

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1.0 Scope

This test plan lists how the QA department will test the Project…The intended audience for the document includes management and employees of YOUR COMPANY and all parties directly involved with the project. This test plan is a work in progress document, that will modified and appended to during the testing process.

1.1 Assumptions:

- It is assumed that the Oracle database will be set up and installed correctly.
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1.2 Prerequisites:

- Client Application
- Database server on a single database.
- The process to be loaded on the server and configured appropriately.

1.3 System Requirements:

Client :

- Windows 95

Server:

- AIX
- NT 4.0 for initial testing.

1.4 Terms and Definitions:

QA - Quality Assurance Department. Also can be used as a term when referring to testing.

Positive Functionality Testing - will verify that each modules basic functionality is working.

Boundary/Stress Testing - will verify the upper and lower limits set on any item within the module. This will consist of using Min. Values, Min Values + 1, Max Values - 1 and Max Values.

Error/Negative Testing - will verify that the invalid entries, command and actions in the module are handled correctly.

Integrated Testing - will verify that if entries in the component under test cause changes in other areas and that those areas are correctly changed.

Unit Test - This is a test that the development team will do before handing over the finished code to QA.

System Test - The test phase where the product is test thoroughly.

1.5 Related Documents

The following files can be found on the machine.

Name	Type

Section 2 Product Areas to Test

In order to ensure that the entire interface is tested completely it will be broken down into the following components: Client Testing, Database Testing, Executable Testing and File Testing.

Testing Summary:

This table is a list of all the tests in the test plan. It also prioritizes the order in which the tests need to be executed in. A number of the test cases can be done simultaneously. It is also important that the tests run is the order they are listed in the table.

Test Section	Number of tests	Pass	Failed	Completed Date	Issue Numbers
Functional Testing:					
2.3.1.13	1				
2.1.1	7				
2.1.2	2				
2.1.3	1				
2.3.4.1	1				
2.1.4	14				
2.2.1	9				
2.2.2	2				
Error Testing:					
2.1.4 Payment	19				
2.1.1 Configuration Parameters	6				
2.1.2 External Interface	1				
2.1.3 Data	9				
2.3.1 Executable running	7				
2.4.4 Detail Record File Format	9				
Boundary:					
2.1.1 Configuration Parameters 2.1.4 Payment	2 20				
2.3.1 Executable running	1				
2.4.4 Detail Record File Format	23				
2.4.6 Batch Trailer File Format	1				
2.4.7 Trailer File Format	2				
Do this section last					
Functional:					
2.1.5 Sales Order	10				
2.3.5 PO	2				
2.4.11 Receipt	3				
Error Testing:					
2.1.5 SALES	17				
Boundary Testing:					
2.1.5 Sales	13				

Integration:					
2.1.4 Payment	2				
2.1.5 Order	2				
2.4.10 Verify data in reports	2				
TOTAL	**262**				

2.1 Client Testing:

In the Client Testing section, testing will focus on the areas of the product that are used to configure and create the necessary data for the executable.
More details here..
The areas of the client that will be tested are:

- Configuration Parameters.
- External Interface
- Data Window's Payment Section.
- Payment Window to create the necessary data.
- Sale Order Window to create the necessary data.

Setup requirements for Client Testing:

Task	**Done:**
1. Determine if this needs to be tested on a single or distributed database.	_____
2. Set up area on system	_____
3. Setup up a market on database	_____
4. Set up Store Locations in the market	

add all set up data

2.1.1 Configuration Parameter.

Functional Testing test cases

Note: add any notes here

Test #	Test Procedure	Results:	Pass/ Fail
2.1.1.1			
2.1.1.2			
2.1.1.3			
2.1.1.4			
2.1.1.5			
2.1.1.6			
2.1.1.7			

Boundary and Stress Testing Test cases

Test #	Test Procedure	Results:	Pass/ Fail
2.1.1.8			
2.1.1.9			

Error/Negative Testing Testcases

Test #	Test Procedure	Results:	Pass/ Fail
2.1.1.10			
2.1.1.11			
2.1.1.12			

2.4.11 Next section here.

Integration Testing test cases

Test #	Test Procedure	Results:	Pass/ Fail
2.4.11.1			
2.4.11.2			
2.4.11.3			

Section 3 Issues

List your issues here.

1.
2.
3.

Section 4 QA's Project Estimates

Test Planning		
Writing the test design document.		1 day
Writing the test plan document		5 days
Review by team		½ day
Finalized version of the documents.		½ day
Set up environment and sqa robot scripts	1 day	
Test Phase 1 - System Test		
Execution of all the test cases in the test plan.		4 days
Work with developer		1 day
Test Phase 2 - Final Test		
Execution of all the test cases in the test plan.		4 days
Total		**17 Days**

Note: This figure represents pure testing time. It is not actual work days.

Section 5 SQA Robot Set up For Boundary Testing

A project has been created in the repository for the boundary testing.

Files used in Robot:

XXXXXXX.sbh - to be put in the sqbas32 directory on PC
XXXXXX.sbh - to be put in the sqbas32 directory on PC.

Bound1.rec - shell script for Payment topic testing.
Bound2.rec - shell script for order topic testing

Openconv - the script that opens up application
Opencsh - the script that opens up a draw
payment - the script that does the payment
Saleap - the script that does the order
Clapcsh - the script the closes the draw.
Closecon - the script that closes down application.

Steps to execute:

1. Set workstation to the appropriate store location.
2. Make sure there are no draws open in the store.
3. Create a customer for that location in customer topic.
4. Bring up XXXXXX.sbh file to edit the following variables.
   a. Set the XXXXX to a ID on database.
   b. Set the XXXXPass to the password for ID in step a.
   c. Set the path to where converge is on the pc to the XXXXXX variable.
   d. Set the XXXXCount to the number of payments you want to do.
   e. Set the XXXCust variable to the customer from step 3.
   f
5. Save the File and do a compile all on project.
6. Close down SQA robot and bring it back up.
7. Run the robot script (bound1 or bound2) with nothing else up on pc.
8. After you make any changes to the XXXXX.sbh files make sure you compile all and close down, then bring back up robot. (need to clear the memory cache on pc for robot script to work)

Section 6 Change History

Author	Date	Comment