TRR: Test Readiness Review

Acevedo, Patricia

Benfield, Brooke

Haxton, Mark – Team Lead

Thota, Neha

Alfa Flo Team 12

Evolve or Dissolve

**System Test Plan**

*System Coverage*

The test will be a 100% functional testing of the system and interactions with the employees using the system. All features will be tested to ensure that the features are mapped to the requirements and the functions of the application give us the features desired. Also, a test of the physical setup will be conducted to make sure that data integrity is guaranteed. We can pull the power cord or a network cable in the middle of a transaction and see that the only data lost was the very last keystroke. Since we are outsourcing the development of the software, we will require that the developer be either on site or immediately available by remote session while testing. If errors or bugs are discovered in the system, the developers will witness them firsthand. This way, we don’t lose any important facts in translation, which will impact the correction. All corrections will be documented in the test management document.

*Personnel*

Since we are a relatively small organization, the entire staff using the system will carry out the use case testing. They will log on and try each of the functions necessary for their role using the software.

*Location*

We must assume that the developers will have tested the application on a test platform, which will be proven by the test management document. This is provided before the system is installed onsite. Once the system is installed onsite, the full testing described above by the Alfa Floor staff will be done.

*Equipment*

This system will run on windows-based computers because the existing POS system is MSSQL and windows workstations. The new AFCRS database will be MSSQL, so that it can interconnect with the POS seamlessly. The Hardware for the new AFCRS will be cloud-based, no in-house server. Only workstations and network gear will be located locally. The onsite hardware will have UPS to keep power supply in the event of short-term power loss.

*Methods*

White Box Testing -An internal program design and code testing will be completed by the developers.

Black Box Testing- A functional testing and structural testing will be also completed onsite.

**Test Readiness Review**

*1. Requirement:* Secure log in

*User Story:* I am a sales associate and I need to log in to AFCRS, so that I can build a quote and make a sale.

*Use Case:* Employee signs securely into the application.

*User Acceptance Test:* Employee enters a username and password in a login screen and securely logs in to the application. Only approved employees with current accounts have valid username and passwords. This is maintained by a trusted person with the administrative access to the system.

Secure User login-

1. Type in user credentials.

2. Click “Sign In”.

3. Customer Information Tab will appear.

*2. Requirement:* Enter new customer data

*User Story:* I am a sales associate; I want to add new customer data into POS, so we can track the new customer history.

*Use Case:* Sales associates request to enter customer information into AFCRS and create a new customer record.

*User Acceptance Test:* New customer’s information can be entered successfully into the system. This information is the customer name, address, phone and email information. (This is being entered into the legacy POS database, invisible to the person entering the information.)

Enter new Customer data-

1. Select Customer Information tab.

2. Fill out the Customer Information Form.

3. Click on the button "Add customer" located on the upper right side of the screen.

*3. Requirement:* Search for or match existing customer information.

*User Story:* I am a sales associate; I want to enter customer data into AFCRS, so that I can keep track of this customer.

*Use Case:* Sales associate opens a customer quote by searching for customers in POS database and in doing so opens the customer relation information stored on the AFCRS.

*User Acceptance Test:*  Sales associate opens an existing customer project by either entering an existing customer (by searching name or phone number) or by entering a new customer. Once a customer is identified or created in the system, an electronic “form” is opened on the computer screen. The form is a detailed plan/quote, which contains the specifics of what the customer wants to purchase to complete a project.

Search for existing customer information-

1. Select Customer Information tab.

2. Fill out the "Name" field.

3. Click on the magnify glass.

4. Select customer from available customer list.

*4. Requirement:* Document interactions with sales associates and customers

*User Story:* I am a sales associate, I want to make notes on a customer's account, so that I can document customer interactions in AFCRS.

*Use Case:* Customer and sales associate build a project plan based on the customer’s needs and preferences including tile, wood, carpet or other products sold by Alfa Floor Inc., financial requirements, and all the concerns associated with the project.

*User Acceptance Test:* Sales associates can enter/open customer project information. The plan/quote allows a sales associate to enter extensive notes on a project and/or make additions/changes to the quote.

Document interactions with sales associates and customers-

1. Select Customer information tab.

2. Lookup the customer information in search.

3. Click on the "Quote Project Plan" tab.

4. At the bottom of the screen, enter the notes in the "Notes" field.

*5. Requirement:* Sales associate scheduling options

User Story: I am a sales associate; I want to schedule an appointment, so that I can conduct a follow up to complete a sale.

*Use Case:* Sales associate schedules an appointment with a customer to complete sales.

*User Acceptance Test:* The sales associates can use the system to schedule appointments with customers and track appointments to make sure they have availability.

Sales associate scheduling options-

1. Select Customer information tab.

2. Lookup Customer information in search.

3. Click on the "Quote Project Plan" tab.

4. At the right-hand side of the screen, fill out the form for “Appointment Details”.

5. Reminder is sent to customer and sales associate about the appointment.

*6. Requirement:* Produce quotes/project plans

*User Story:* I am a sales associate; I want to use AFCRS to generate quotes/project plans, so that the customer knows details about the planned floor project.

*Use Case:* Sales associate enters a quote for a customer.

*User Acceptance Test:* AFCRS generates quotes based on the information entered by the sales associate, which can be printed (or emailed) for records.

Produce quotes/project plans-

1. Select Customer information tab.

2. Lookup the customer information in search.

3. Click on the "Quote Project Plan" tab.

4. Enter in product formation in the Quote form.

5. Click preview.

*7. Requirement:* Sales/Records - Quotes history

*User Story:* I am a sales associate; I want to pull up the history for a particular customer, so that I can see what items were previously purchased.

*Use Case:* Sales Associate can view historical customer information.

*User Acceptance Test:* AFCRS generates or displays previous orders up to seven years old.

Sales/Records Quotes History-

1. Select Customer information tab.

2. Lookup the customer information in search.

3. Click on the "sale/records" tab.

4. If historical sale orders are available, the sale order number will be displayed on the left-hand side of the screen.

5. Click on the sales order name, then the sales order information will display on the screen.

*8. Requirement:* Generate reports

*User Story:* 1. I am a manager; I want to generate a sales report, so I can see how many sales my store has. 2. I am a Manager; I want to generate a satisfaction report, so I can see how satisfied my customers are. 3. I am a Manager; I want to generate a sales associate performance report, so I can see how well sales associates are performing.

*Use Case:* Sales associates follow up on completed sales to ascertain satisfaction levels.

*User Acceptance Test:* AFCRS generates sales reports, leads statistics, and satisfaction reports.

Generate report-

1. Click on the “Reports” tab.

2. Select the report from the drop list of report options.

3. Click “Run Report”.