**Integration-Testing**

It is a type of Software testing in which the different units, modules, or components of a

Software applications are tested as a combined entity.

We will check here functionality of the mappings.

**There are 2 mappings.**

1. m\_map\_Sprint
2. m\_map\_Sprint2

**Test Case ID: M1**

Test Case Purpose: Validate Mapping, m\_map\_Sprint, Validate Workflow,

w\_s\_m\_map\_Sprint

**Test Procedure:**

* + - * Go to Mapping
      * Connect Source and Target
      * Use Transformation
      * Connect All and then Save it
      * Go to menu -> Mappings -> Click on validate

**Input Value/Test Data:**

**Source Tables**: Order\_2, Cust\_Details

**Target Tables**: Customer\_trg

**Transformation**:

**Joiner:** To join tables Cust\_details and Order\_2 with the condition

Master Cust\_Id = Detail Cust\_Id.

**Expression:** We have added to more columns Cust\_type (Child, Teenager, Youth,

Adult) and offer, we calculated the offer according to Cust\_type.

**Expected Result:**

Check Mapping -> Mapping is Validate

Go to workflow > Message in workflow manager status bar: “Workflow

w\_s\_m\_map\_Sprint is valid”

**Actual Result:**

**Message in workflow manager status bar**: “Workflow w\_s\_m\_map\_Sprint is valid”

**Remarks**: Succeeded

**Tester comments:**

Retrieved the data from source tables Cust\_details and Order\_2, joined the two tables using ‘Joiner’ transformation. We used ‘Expression’ transformation to derive the Cust\_type and offer based on Cust\_type. The output will be show in flat files. The output is useful to identify the customer type and offer given to them.

**Test Case ID: M2**

Test Case Purpose: Validate Mapping, m\_map\_Sprint2, Validate Workflow, w\_s\_m\_map\_Sprint2.

**Test Procedure:**

* + - * Go to Mapping
      * Connect Source and Target
      * Use Transformation
      * Connect All and then Save it
      * Go to menu -> mapping -> Click on validate

**Input Value/Test Data:**

**Source Tables:** Order\_2, Product\_Group2

**Target Tables**: Order\_trg2, Product\_trg2

**Transformation:**

**Joiner**: To join tables Order\_2 and Product\_Group2 with the condition

Master Product\_Id1 =Detail Product\_Id**.**

**Expression**: we have added 4 columns Product\_Offer\_Deducted,

Order\_ Offer\_Deducted, Product\_Final\_Price and Order\_Final\_Price

**Aggregator**: group by Order\_Id and Product\_Id

**Router:** we have added two groups with the conditions.

**Expected Result:**

Check Mapping -> Mapping is Validate

Go to workflow -> Message in workflow manager status bar: “Workflow

w\_s\_m\_map\_Sprint2 is valid”

**Actual Result:**

Message in workflow manager status bar: “Workflow w\_s\_m\_map\_Sprint2 is valid”

**Remarks**: succeeded

**Tester comments:**

Retrieved the data from source tables Order\_2 and Product\_Group2. We are giving offer to those customers whose Total\_price >=500. The output will be shown in flat files. The output target table Order\_trg2 and Product\_trg2 are useful to identify the offer deducted to the customer and the Final\_Price that they have to pay.