**UNIT TESTING:**

It is defined as type of software testing where individual components of a software are tested.

1. **Test Case ID: T1**

**Test Case Purpose:**Validate workflow – w\_s\_m\_map\_Sprint2

**Test Procedure:**

* Go to workflow manager
* Open workflow
* Workflows menu-> click on validate

**Input Value/Test Data:**Sources and targets are available and connected

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

**Mapping**: m\_map\_sprint2

**Target:** Customer\_trg

**Session:** s\_m\_map\_sprint2

**Transformations:**

**Joiner:** Master CUST\_ID = Detail CUST\_ID

**Expression**:

CUST\_TYPE=IIF(CUST\_AGE<’13’,’CHILD’, IIF(CUST\_AGE>=’13’ OR CUST\_AGE<=’19’,’TEENAGER’, IIF(CUST\_AGE>=’20’ OR CUST\_AGE<=’25’,’YOUTH’,IIF(CUST\_AGE>’25’,’ADULT’))))

OFFER=IIF(CUST\_TYPE=’CHILD’,’20%’,IIF(CUST\_TYPE=’TEENAGER’,’40%’,IIF(CUST\_TYPE=’YOUTH’,’45%’,IIF(CUST\_TYPE=’ADULT’,’30%’))))

**Expected Results:**Message in workflow manager status bar: “Workflow

w\_s\_m\_map\_Sprint2 is valid”

**Actual Results:**Message in workflow manager status bar: “Workflow

w\_s\_m\_map\_Sprint2 is valid”

**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.

**2) Test Case ID: T2**

**Test Case Purpose:**Validate workflow – w\_s\_m\_map\_Sprint2

Go to workflow manager

* Open workflow
* Workflows menu-> click on validate

**Input Value/Test Data:**Sources and targets are available and connected

Sources: Order\_2, Product\_Group2

Mapping: m\_s\_map\_Sprint2

Targets: Order\_trg\_2, Product\_trg2

Session: s\_m\_map\_Sprint2

**Transformations:**

Aggregator: group by Order\_Id and Product\_Id

**Expected Results:**Message in workflow manager status bar: “Workflow

w\_s\_m\_map\_Sprint2 is valid”

**Actual Results:**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.