## **REGRESSION TESTING**

Every time a new module is added, it leads to changes in the program. This type of testing makes sure that the whole component works properly even after adding components to the complete program. We will check here functionality of the mappings.

**There are 4 mappings.**

1. M\_MAPP\_EATING\_HABIT
2. M\_MAPP\_PURCHASE
3. M\_MAPP\_VISITOR\_TYPE
4. M\_MAPP\_PEAK\_HR

**Test Case ID: M1**

Test Case Purpose: Validate Mapping, m\_mapp\_Eating\_trend, Validate Workflow, wf\_s\_m\_mapp\_Eating\_trend

**Test Procedure:**

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

**Tables:**

**Source Tables:** VISITORS\_GRP3, ORDER\_GRP3, FOOD\_GRP3

**Target Tables:** TRG\_Eating\_trend

**Transformation:** Joiner (J1, J2), Expressions(E1), Aggregator(A1)

Joiner: - it used for joining the tables

* Expressions: - it is used for changing datatype
* Aggregator: - it is used for counting the no of orders

**Expected Result:**

Check Mapping> Mapping is validate

Go to workflow > Message in workflow manager status bar: “Workflow wf\_s\_m\_mapp\_Eating\_trend is valid”.

**Actual Result:**

Message in workflow manager status bar: “Workflow

wf\_s\_m\_mapp\_Eating\_trend is valid”

**Remarks**: Succeeded

**Tester comments:**

It is verified that the modifications have not caused unintended effects and that the component still works as specified in the requirements. The transformation of processed data to the target does not impact on the sources and functions as it was before executing the code. The data in the source tables VISITORS\_GRP3, ORDER\_GRP3, FOOD\_GRP3 is unchanged.

**Test Case ID: M2**

Test Case Purpose: Validate Mapping, m\_mapp\_PURCHASE, Validate Workflow, wf\_s\_m\_mapp\_PURCHASE

**Test Procedure:**

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

**Tables:**

**Source Tables:** visitors\_grp3, purchase\_grp3, product\_grp3

**Target Tables:** trg\_purchaseing\_habit

**Transformation: -**joiner (J1, J2), Expressions(E1), Aggregator(A1)

* Joiner: - it used for joining the tables
* Expressions: - it is used for changing datatype
* Aggregator: - it is used for counting the no of orders

**Expected Result:**

Check Mapping> Mapping is validated

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

wf\_s\_m\_mapp\_PURCHASE is valid”

**Actual Result:**

Message in workflow manager status bar:” Workflow wf\_s\_m\_mapp\_PURCHASE

is valid”

**Remarks**: Succeeded

**Tester comments:**

It is verified that the modifications have not caused unintended effects and that the

component still works as specified in the requirements. The transformation of processed

data to the target does not impact on the sources and functions as it was before

executing the code. The data in the source tables **visitors**\_grp3, purchase\_grp3,

product\_grp3 is unchanged.

**Test Case ID: M3**

Test Case Purpose: Validate Mapping, m\_mapp\_VISITOR\_TYPE, Validate Workflow, wf\_s\_m\_mapp\_VISITOR\_TYPE

**Test Procedure:**

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

**Tables:**

**Source Tables:** visitors\_grp3, visit\_grp3, branch\_grp3

**Target Tables:** trg\_eating\_treand

**Transformation: -**Joiner (J1, J2), Expressions(E1),

* Joiner: - it used for joining the tables
* Expressions: - it is used for identifying the visitors are ‘LOCAL’ or ‘TOURIST’.

**Expected Result:**

Check Mapping> Mapping is validated

Go to workflow > Message in workflow manager status bar: “Workflow wf\_s\_m\_mapp\_VISITOR\_TYPE is valid”

**Actual Result:**

Message in workflow manager status bar:” Workflow wf\_s\_m\_mapp\_VISITOR\_TYPE

is valid”

**Remarks**: Succeeded

**Tester comments:**

It is verified that the modifications have not caused unintended effects and that the

component still works as specified in the requirements. The transformation of

processed data to the target does not impact on the sources and functions as it was

before executing the code. The data in the source tables visitors\_grp3, visit\_grp3,

branch\_grp3 **is** unchanged.

**Test Case ID: M4**

Test Case Purpose: Validate Mapping, m\_mapp\_PEAK\_HR, Validate Workflow, wf\_s\_m\_mapp\_PEAK\_HR

**Test Procedure:**

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

**Tables:**

**Source Tables:** visitors\_grp3, visit\_grp3, branch\_grp3

**Target Tables:** - TRG\_Peak\_hr

**Transformation:** - Joiner (J1, J2), Expressions(E1), Aggregator(A1), Rank(R1)

* Joiner: - it used for joining the tables
* Expressions: - it is used for changing datatype
* Aggregator: - it is used for counting the no of hr
* Rank: - it is calculating rank in which hour no of visitor visits

**Expected Result:**

Check Mapping> Mapping is validated

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

wf\_s\_m\_mapp\_PEAK\_HR is valid”

**Actual Result:**

Message in workflow manager status bar:” Workflow wf\_s\_m\_mapp\_PEAK\_HR

is valid”

**Remarks**: Succeeded

**Tester comments:**

It is verified that the modifications have not caused unintended effects and that the

component still works as specified in the requirements. The transformation of

processed data to the target does not impact on the sources and functions as it was

before executing the code. The data in the source tables visitors\_grp3, visit\_grp3,

branch\_grp3is unchanged.