Data MAPPING DOCUMENT

DataWarehouse – CustomerProduct\_Dim

Date: 20/11/2015

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**TABLE OF CONTENTS**

1. DOCUMENT HISTORY 3

1.1. Document Location 3

1.2. Revision History 3

1.3. Approvals 3

1.4. Distribution 3

2. Introduction 4

2.1. Purpose of this document 4

2.2. Glossary 4

2.3. Impact & Dependency Analysis (if changing a Table) 4

3. *TABLE Name* MappING 5

3.1. Extraction Criteria 5

3.2. Primary Index 5

3.3. Data Mapping 6

3.6.1. Column Name 6

# DOCUMENT HISTORY

## Approvals

This document requires the following approvals:

|  |  |  |
| --- | --- | --- |
| **Name** | **Title** | **Date of Issue** |
| Eamon Nolan | Lecturer | 23/11/2015 |

## Distribution

This document has been distributed to

| **Name** | **Title** | **Date of Issue** |
| --- | --- | --- |
| John Mc Namara | Data Analyst | 20/11/15 |
| Declan Barnes | Project Manager | 20/11/15 |
| Sean McDermott | Data Architect | 20/11/15 |
| Chris Doran | Data Administration | 20/11/15 |
| Youcef O’Connor | Web Designer | 20/11/15 |
| Dan Gorman | Business Analyst | 20/11/15 |

# Introduction

## Purpose of this document

*Enter a description of what mappings are being documented.. It should be possible from reading this section to understand in English where the data comes from for this table and the purpose of storing the data in the data warehouse.*

*The purpose of this document is to explain and document the movements of data between the CustomerProduct\_Dim table and the corresponding tables connected to it. For example the Customers id number is represented in both the CustomerProduct\_Dim table and the Weekly\_fact table. It will also explain and show any abbreviations or other information required to help understand the data and relations in our data warehouse.*

## Glossary

|  |  |
| --- | --- |
| **Abbrev.** | **Meaning** |
| DIM | Dimension |
| Cust\_ID | Customer’s ID |
| Prod\_ID | Product’s ID |
| Order\_ID | Order’s ID |
| Pay\_ID | Payment ID |

# *TABLE Name* MappING

## Extraction Criteria

*Enter any relevant information regarding the data extraction:-*

* *Specify if there should be an initial load of data, and what the constraints are on the initial load.*
* *Specify the extraction criteria for the delta load and how often the delta load is to run.*

## Data Retention

*Define how long the data should be retained for (usually in months). This applies to fact tables or to dimension tables that contain history records, i.e. any table the will keep growing.*

\*\*\*\*\*\*\*\*\*\*\*\*\*Eamon said this does not apply to our project\*\*\*\*\*\*\*\*\*\*\*\*\*

## Data Mapping

*Notes:*

* *Ensure table names and column names adhere to the standards*
* *Ensure that columns which exist already in the warehouse are given the same name and datatype*
* *The Description column must be meaningful – we are not maintaining a separate data dictionary. Identify the list values for ID fields where a finite list exists.*
* *Include column src\_file where the source is a file source. Include src\_table where there are multiple tables that could be the source.*
* *Include loaded\_date.*

\*\*\*\*TABLE NAMES MUST NOT BE GREATER THAN 20 CHARACTERS IN LENTGH\*\*\*\*\*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Destination Column** | **Source Table(s)** | **Source column(s)** | **Data**  **Type** | **Transformation** | **Description** | **Default value** |
| Weekly\_fact | CustomerProduct\_Dim | Cust\_ID | int11 | N/A | The number corresponding to the customer. | -1 |
| Monthly\_fact | CustomerProduct\_Dim | Cust\_ID | int11 | N/A | The number corresponding to the customer. | -1 |
| Yearly\_fact | CustomerProduct\_Dim | Cust\_ID | int11 | N/A | The number corresponding to the customer. | -1 |

*Detail any additional rules or conditions for columns. Cust\_ID = Primary Key.*