HELTHCARE SYSTEM

The primary objective of the project is to create a database with required data validations as mentioned. The database is in turn used for generating welcome letters in xml format for each subscriber.

The following are the modules in this proposed system

a) Group

b) Sub Group

c) Subscribe

Scope of the system

The scope of the system is explained through its modules as follows

· Group – This module is to analyze the Group information provided and load them into the database in the corresponding Group table.

· Sub Group – This module is to analyze the Sub Group information provided and load them into the database in the corresponding Sub Group table with only the matching groups in the Group table that is previously loaded.

· Subscriber – This module is to analyze the Subscriber information provided and load them into the database in the corresponding Subscriber table with only the matching groups in the Group table and sub groups in the subgroup table that were previously loaded

Functional Requirements

1.3.1 Group

Functional Requirements

1. Rename the input file as Group\_Fixed\_<Associate\_Id>.txt and Group\_Comma\_<Associate\_Id>.csv.

2. Create a table in sql plus by name Group\_<Associate\_Id>.

3. Validate the data from the input file and load only valid records into the target table according to the constraints mentioned in the target table.

4. Load only the members who are currently effective. (i.e) SYSDATE BETWEEN EFFT\_DT AND TERM\_DT.

5. Populate leading zeroes in GROUP\_ID field while populating into the target table.

6. GRP\_SK is the surrogate key.

Sub Group

requirement

1. Rename the input file as SUBGRP\_<Associate\_Id>.txt.

2. Create table in sql plus by name SUBGRP\_<Associate\_Id> with the above structure.

3. Validate the data from the input file and load only valid records into the target table according to the constraints mentioned in the target table.

4. Populate leading zeroes in the fields GROUP\_ID and SUBGRP\_ID while loading into the table.

5. Also validate the Group Id against the Group table and

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1. Rename the input file as Group\_Fixed\_<Associate\_Id>.txt and Group\_Comma\_<Associate\_Id>.csv.

2. Create a table in sql plus by name Group\_<Associate\_Id>.

3. Validate the data from the input file and load only valid records into the target table according to the constraints mentioned in the target table.

4. Load only the members who are currently effective. (i.e) SYSDATE BETWEEN EFFT\_DT AND TERM\_DT.

5. Populate leading zeroes in GROUP\_ID field while populating into the target table.

6. GRP\_SK is the surrogate key.load only matching data into the target table.

6. Load the non matching values into Target file with the same structure as source and name the file as SUBGRP\_Join\_Errors\_<Associate\_Id>.txt

7. SUBGRP\_SK is the surrogate key

Subscriber

Requirment

1. Rename the input file as SUBSCRIBER\_<Associate\_Id>.csv

2. Create table in sql plus by name SUBSCRIBER\_<Associate\_Id> with the above structure.

3. Load only the members who are currently effective. (i.e) SYSDATE BETWEEN EFFT\_DT AND TERM\_DT.

4. Load subscribers with Elig\_Ind as ‘Y’ in the Target table and with Elig\_Ind as ‘N’ into Target file with the same structure as source and name the file as SUBSCRIBER\_Errors\_<Associate\_Id>.txt

5. Reject records if the Subscriber\_Id has less than 9 characters.

6. Populate leading zeroes in the fields GROUP\_ID and SUBGRP\_ID while populating data into the Target table.

7. Validate the data from the input file and load only valid records into the target table according to the constraints mentioned in the target table.

8. Also validate the Group Id and Subgrp\_Id against the Subgrp table and load only matching data into the target table.

9. SUB\_SK is the surrogate key.