Brand Repository

Functional Specifications

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# Document Information

## Versions

|  |  |  |
| --- | --- | --- |
| Version | Author | Modifications |
| 2013.11.13 #2 | P. Plagnol | Creation of the document |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Data

## Definitions

**BSIN**: The **B**rand **S**tandard **I**dentification **N**umber is a 6-character alphanumeric unique (0 and O excluded) identifier assigned by OKFN. Each brand stored on this repository is given a unique BSIN.

**Group**: Legal owner of brand

**Type of brand**: Brand owner by manufacturer and retailers are of 2 different types. The repository contains groups of brands when the number of brand is too important and that the number of product is small (Wine, Cheese,…).

## Perimeter

The repository excludes brands assigned to books and magazine.

## Schema

Brand

Group

Brand type

## Data Model

### BRAND table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | PK/FK | Type | Null | Description |
| BSIN | PK | char(6) | N | BSIN code |
| BRAND\_NM |  | varchar(255) | N | Name of the brand |
| GROUP\_CD | FK | int | Y | Group owning the brand |
| BRAND\_TYPE\_CD | FK | int | N | Type of the brand |
| BRAND\_LINK |  | varchar(255) | Y | URL of the brand |

### BRAND\_TYPE table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | PK/FK | Type | Null | Description |
| BRAND\_TYPE\_CD | PK | int | N | Type code |
| BRAND\_TYPE\_NM |  | varchar(255) | N | 1: Manufacturer-brand  2: Retailer Brand  3: Group of brands |

### BRAND\_GROUP table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | PK/FK | Type | Null | Description |
| GROUP\_CD | PK | int | N | Group code |
| GROUP\_NM |  | varchar(255) | N | Group name |
| GROUP\_LINK |  | varchar(255) | Y | URL of the group |
| GROUP\_WIKI\_EN |  | varchar(255) | Y | URL of the English wiki (end of URL) |

# Functionality

## Users

Type of users, authorizations, access,…

## Brand management

### Add a brand

#### Interface

A text field is used to get the brand name.

1 type of brand is selected among all the types stored in brand\_type.

A group is selected among the one existing in the group

A tool propose to upload the logo and automatically put him to a format of 150 \* 150 pixel

#### Controls

These fields are required: Brand name and brand type.

Remark: The brand must be unique so it’s very important to ensure that the brand Is not already used. This could be auto

#### Functional rules

When a brand is added in the repository, The BSIN is randomly generated. The BSIN is composed of 6 alpha numeric characters in **upper case** and **excluding ‘O’ and ‘0’** (zero) to avoid confusion.

The picture uploaded is resized to 150px\*150px and stored locally (the storage on amazon will be done in a future release).

### Modify a brand

### Delete a brand