|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Data Name** | **Data Type** | **Character Length** | **Validation Type** | **Example** |
| ItemDonationCode | String | 5 | Allowed Character, Range Check | 64832 |
| ItemDescription | String | 0 - 30 | Range Check | “A leather chair” |
| ItemPrice | Float | 0 - 6 | Format Check, Allowed Character | 42.56 |
| ItemCategory | String | 0 - 20 | Range Check | “Furniture” |
| ItemQualityCheck | Boolean | 1 | Table Look Up Check | TRUE |
| ItemList | String | 0 - 100 | Range Check | "Pie, Chair, Plane, Train" |
| Date | String | 0 - 6 | Format Check, Allowed Character | “21/11/96 |
| ItemUniqueCode | String | 0 - 5 | Allowed Character | “AB801” |
| ItemStatus | String | 4 - 8 | Table Look Up Check | “In Shop” |
|  |  |  |  |  |
| DonatorName | String | 0 - 30 |  | “Wendy Hudden” |
| DonatorAddress1 | String | 0 - 20 |  | “2 Not Lane” |
| DonatorAddress2 | String | 0 - 20 |  | “Flat 20C” |
| DonatorCity | String | 0 - 15 |  | “Melbreth” |
| DonatorCounty | String | 0 - 20 | Table Look Up Check | ”Cambridgeshire” |
| DonatorPostCode | String | 0 - 8 |  | “SG9 3KW” |
| DonatorContact | String | 6 - 10 | Allowed Character | “01462742918” |
|  |  |  |  |  |
| StaffName | String | 0 - 30 |  | “Wiggy Wog” |
| StaffInitals | String | 0 - 6 |  | “WW” |

**The table above is not the true intended Data Dictionary. This table is just for previous reference. Please refer to the table on the next page for the Data Dictionary.**

To clarify, when a donation happens, all the items donated in the same donation get assigned the same DonationCode, and then each item gets assigned its own unique ItemUniqueCode. The DonationCode would be used if there was a complication with the entire donation, instead of a single item. It is true that should a single item be donated in an entire donation, the DonationCode could be used as its unique identifier, making the ItemUniqueCode redundant, and vice versa. Nevertheless, both identifiers are required for a better functioning system.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Data Name** | **Data Type** | **Character Length** | **AC** | **RC** | **FC** | **TLUC** | **Example** |
| DonationCode | String | 5 | ✓ | ✓ |  |  | 64832 |
| Date | String | 0 - 6 | ✓ |  | ✓ |  | “21/11/96 |
|  |  |  |  |  |  |  |  |
| ItemDescription | String | 0 - 30 |  | ✓ |  |  | “A leather chair” |
| ItemPrice | Float | 0 - 6 | ✓ |  | ✓ |  | 42.56 |
| ItemCategory | String | 0 - 20 |  |  |  | ✓ | “Furniture” |
| ItemCategoryDescription | String | 0 - 20 |  |  |  | ✓ |  |
| ItemQualityCheck | Boolean | 1 |  |  |  | ✓ | 1 or 0 |
| ItemCode | String | 0 - 5 | ✓ |  |  |  | “AB801” |
| ItemStatus | String | 4 - 8 | ✓ |  |  | ✓ | “In Shop” |
|  |  |  |  |  |  |  |  |
| DonatorID | String | 5 | ✓ | ✓ |  |  | “FC2A1” |
| DonatorFirstName | String | 0 - 30 |  | ✓ |  |  | “Wendy” |
| DonatorLastName | String | 0 - 30 |  | ✓ |  |  | “Huddon” |
| DonatorAddress1 | String | 0 - 20 |  | ✓ |  |  | “2 Not Lane” |
| DonatorAddress2 | String | 0 - 20 |  | ✓ |  |  | “Flat 20C” |
| DonatorCity | String | 0 - 15 |  | ✓ |  |  | “Melbreth” |
| DonatorCounty | String | 0 - 20 |  | ✓ |  |  | ”Cambridgeshire” |
| DonatorPostCode | String | 0 - 8 |  | ✓ | ✓ |  | “SG9 3KW” |
| DonatorContact | String | 6 - 10 | ✓ | ✓ |  |  | “01462742918” |
|  |  |  |  |  |  |  |  |
| StaffFirstName | String | 0 - 30 |  |  |  |  | “Wiggy” |
| StaffLastName | String | 0 - 30 |  |  |  |  | “Wog” |
| StaffID | String | 3 | ✓ | ✓ | ✓ | ✓ | “ABC |

|  |  |
| --- | --- |
| **Acronym** | **Full** |
| AC | Allowed Character |
| RC | Range Check |
| FC | Format Check |
| TLUC | Table Look Up Check |

|  |  |
| --- | --- |
| **Entity** | **Description** |
| DonationCode | A code to represent the entire donation (a donation can consist of many items). Used to reference the item(s) donated, by who, when and who processed the donation |
| Date | Date of the donation |
| ItemDescription | A short description for an individual item |
| ItemPrice | Individual item’s price |
| ItemCategory | Individual item’s category. Categories will be selected from a drop down menu. |
| ItemCategoryDescription | The individual pre-selected categories an item could be |
| ItemQualityCheck | Either TRUE or FALSE, if FALSE the item must be returned to the donator |
| ItemUniqueCode | A code to represent an individual product |
| ItemStatus | Represents where the item currently is ; “Stored”, “In Shop” and “Sold” |
| DonatorID | A code to represent a specific donator of items |
| DonatorFirstName | The donator’s first name |
| DonatorLastName | The donator’s last name |
| DonatorAddress1 | First line of the donator’s address (i.e street name and number) |
| DonatorAddress2 | Second line of the donator’s address (i.e flat number) |
| DonatorCity | The village/town/city/whatever the donator lives in |
| DonatorCounty | The county the donator lives in |
| DonatorPostCode | Donator’s postcode |
| DonatorContact | The donator’s contact number (Home/Mobile) |
| StaffID | Unique identifier for individual staff that processed the donation |
| StaffFirstName | That staff’s first name |
| StaffLastName | That staff’s last name |