|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data Name | Data Type | Character Length | Validation Type | Example |
| ItemDonationCode | String | 5 | Range Check | 64832 |
| ItemDescription | String | 0 - 30 | Range Check | “A leather chair” |
| ItemPrice | Float | 0 - 6 | Range Check, Type Check | 42.56 |
| ItemCategory | String | 0 - 20 | Range Check | “Furniture” |
| ItemQualityCheck | Boolean | 1 | True/False | TRUE |
| ItemSaleCheck | Boolean | 1 | True/False | TRUE |
| Items | String | 0 - 100 | Range Check | "Pie, Chair, Plane, Train" |
| Date | String | 0 - 6 | Range Check | “21/11/96 |
| ItemUniqueCode | String | 0 - 5 | Range Check | “AB801” |
|  |  |  |  |  |
| DonatorName | String | 0 - 30 | Range Check | “Wendy Hudden” |
| DonatorAddress1 | String | 0 - 20 | Range Check | “2 Not Lane” |
| DonatorAddress2 | String | 0 - 20 | Range Check | “Flat 20C” |
| DonatorCity | String | 0 - 15 | Range Check | “Melbreth” |
| DonatorCounty | String | 0 - 15 | Range Check | ”Cambridgeshire” |
| DonatorPostCode | String | 0 - 8 | Range Check | “SG9 3KW” |
| DonatorContact | String | 0 - 15 | Range Check | “01189998235” |
|  |  |  |  |  |
| StaffName | String | 0 - 30 | Range Check | “Wiggy Wog” |
| StaffInitals | String | 0 - 6 | Range Check | “WW” |

To clarify, when a donation happens, all the items 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.