**WAM**

**How the business process goes, lets make points on those:**

1. Items (may be laptop, TV, wine) is brought from vendor.
2. Items details are available. (like price, name, quantity etc)
3. Items go to the stores.
4. Item is moved from one Store to another.
5. While moving the item, it got damaged.
6. Some part of the item is get used partially.
7. Item get sold to the customer (whole).
8. Sometimes all the items get sold, some time partial.
9. Large items may be sold by breaking it small.
10. While selling or being used, it may follow different valuation Type.
11. Same items prices may vary due to the time factor.
12. In some case Tax, Vat, Service charge is also added.
13. If we sell 10 cups of coffee, it may be equals to 1 packet coffee.
14. Same item can be placed in different store with different quantity.
15. There can be items quantity defined by user. Like (full, peg, single room etc)
16. A full Royal Stag (9 peg) is not equal to the A full black label(12 peg).

*Let’s collects things like this.*

*And our application should be able to handle this.*

Tables (Domains)

This table should contain unique field of item domain.

(Means item will have only one value on the following field)

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_Items | | |
| itemID | Number |  |
| Name |  |  |
| code |  |  |
| Alias |  |  |
| Des |  |  |
| hasImapactOnStock |  |  |
| valuationType |  | Like FIFO/LIFO etc |
| processedDate |  | Can be date of bill |
| availableDate |  | Adding today, available from tomorrow (may be) |
| groupID |  |  |

Holds groups Information

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_Groups | | |
| groupID | Number |  |
| parentID |  |  |
| Name |  |  |
| Desc |  |  |
| createdOn |  |  |
|  |  |  |
|  |  |  |

Holds Stores Information

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_Stores | | |
| storeID | Number |  |
| Name |  |  |
| Code |  |  |
| Desc |  |  |
| crrentlyInUse |  |  |
|  |  |  |
|  |  |  |

Holds price Units information

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_Units | | |
| unitID | Number |  |
| name |  |  |
| des |  |  |
|  |  |  |

Holds Measurement units information

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_CompoundUnits | | |
| compoundunitID | Number |  |
| firstunit |  |  |
| quantity |  |  |
| SecondUnit |  |  |

Holds vendors Information (we will not focus on this currently)

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_Vendors | | |
| vendorID | Number |  |
| Name |  |  |
| address |  |  |
| email |  |  |
| website |  |  |
| phone |  |  |
| officephone |  |  |

Tables Holding Relations:

This table handles relation between item, store, and quantity.

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_itemsStores | | |
| itemStoreID | Number |  |
| itemID |  |  |
| StoreID |  |  |
| quantity |  |  |
| unit |  |  |
|  |  |  |
|  |  |  |

This table handles sells activity.

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_Sells | | |
| sellID | Number |  |
| ItemID |  |  |
| locationID |  |  |
| sellPrice |  |  |
| soldBy |  |  |
| soldOn |  |  |
| ServiceCharge |  |  |
|  |  |  |

This table handles price of item

|  |  |  |
| --- | --- | --- |
| Eserve\_WAM\_ItemPrices | | |
| itemID | Number |  |
| actualPrice |  |  |
| marketPrice |  |  |
| vat |  |  |
| effectivefrom |  |  |
| effectiveTo |  |  |
| priceunitID |  |  |
| MUnitID |  |  |