

Basic Item Database

Item

+Item_Id: Integer
+Item_Name: String
+BOM: List of Materials
+Purchases: List of Purchases

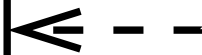
Each Item BOM

List of Materials

+BOM: List of Materials
+Description: Text
+Yield_Unit: Unit_ID
+Yield_Quantity: Real

Material

+Item_Id: Integer
+Quantity: Real
+Unit_Id: Integer



Quantity on Hand

Purchase

+Item_Id: Number
+Quantity: Real
+Unit_Id: Integer
+Bin_Id: Integer

Bin

+Bin_Id: Integer
+Bin_Description: String
+Cost_Center_Id: Integer

Cost Center

+Cost_Center_Id: Integer
+Cost_Center_Name: String
+Address1: String
+Address2: String
+State/Province: String
+Postal_Code: String
+Country: String
+Cost_Center_Description: String

Unit Database

Unit

+Unit_Id: Integer
+Unit_Name: String
+Unit_Type: Mass/Volume/Count
+Conversion Ratio: Rational
+Fundamental: Flag