1. Structure

* Project
* Tasks (Source of demand like Work Order/Sales Order)
* Activity (Operation of a work order)
* Resource
* Material

1. Transaction

* Material
* Resource

1. Billing
2. Costing
3. Agreement
4. Activities

* Create
* Approve
* Close
* Template

**Close**

1. **Valuation must be zero**
2. **No stock reserved for the project/task**

**Special Stocks**

1. **Customer (At customer location Costed and Quantity Tracked)**
2. **Supplier (At your location but belongs to suppler Quantity Tracked and Non-Costed)**
3. **Project (Issued to a project – both cost and quantity tracked )**

**Onhand**

Onhand table contains the below columns to specify special stocks

1. Project Id
2. Task Id
3. Supplier Site Id
4. Customer Site Id

**Project Transaction**

1. **Project Issue – OH Impact Type - BOTH**

Issue from stock to project. Moves from one balance sheet account to another balance sheet account. i.e. RAW to PIP or PWIP

The stock is not available for any other transaction. In the OnHand screen, you can view the stock against the project.

However, the stock is still part of the inventory

The system adds project\_id/task\_id to the stock

1. **Project Return – OH Impact Type - BOTH**

Move from project stock to normal stock

The reverse of step 1.

The system removes project\_id / task\_id from the stock

1. **Project Shipment – OH Impact Type - NEGATIVE**

Ship from project stock to customer

Moves amount from PIP/PWIP to COGS

1. **Project Shipment Return – OH Impact Type - POSITIVE**

Return from customer to project stock

**Resource Transaction**

1. Are used for reporting purposes. Resources used in a project. Data available from the resource transaction table
2. Use for cost calculation – Total PWIP of the project
3. Used to create financial journal entries

**Stock Transfer Constraints**

**stock\_constraint\_type**

**restricted\_stock\_type**

ENUM('customer','supplier', 'project' , 'reservation', 'internal', 'others', '')

**restriction\_movement\_type**

into: Move stock from unrestricted to restricted stock (the from sub inventory does not contain the restriction but the to contains restriction)

Moving material from unrestricted to restricted stock

out\_of : Reverse of into: Move stock from restricted stock to unrestricted

Into + both = project move to restriction (accounted)

out\_of + both = project move out of restriction (accounted)

**Stock**

**Stock = Onhand**

1. **Organization unrestricted stock (Onhand / Stock)**
2. **Project Stock**
3. **Customer Stock**
4. **Suppler Stock**

All stock belongs to a sub inventory and that decides if the stock are nettable or not