Inventory Documentary.

**Functionality**:

Display current item in stocks.

Add product.

Add ProductSubType.

Update item qty(Add/remove/return/damage).

pagination

Search.

User can pull data on monthly or daily basis (Audit).

Graph on display.

**FE Screens:**

Login page.

Pagination page.

Page or card to add/remove/return/damage button.

Page to Manage user.

**API**

Login.

Create item.

item

Add item.

Remove item.

Return.

Damage.

User

Add user.

Remove user.

Grant access.

Revoke access.

Add entry to access based on admin user request.

Search.

createUser and grantAccess.

Audit data pull with filter option on item and month.

datapull for chart.

Forgot password.

**Data-structure**

Item

itemId

itemName

itemSubtype

dateAdded

category

inStock

warehouseID

warehouse

warehouseID

address

audit

entryId

dateModified

action(add/remove/damage)

userId

storeId

User

userId

password

isAdmin

creationDate

access

accessId

userId

accessType (ALL,Readonly,readWrite)

warehouseID

Json

{"users":{

"userId" : "u101",

"password" : "abc123",

“isAdmin” : ‘y’,

"creationDate" : “2012-04-23T18:25:43.511Z”,

}

{

"userId" : "u102",

"password" : "xyz123",

“isAdmin” : ‘N’,

"creationDate" : “2012-04-23T18:25:43.511Z”,

}

}

{“access”:{

“accessId” : “a1”,

“userId” : “u101”,

“accessType” : “ALL”,

“warehouseID” : “ALL”

}

{

“accessId” : “a2”,

“userId” : “u102”

“accessType” : “read/write”,

“warehouseID”: “wh1”

}}

{“warehouse”:{

“warehouseID” : “wh01”,

“Address” : “abc”

}

}

{ “Item”:{

“itemId”: “it101”,

“itemName” : “ALTERNATOR”,

“itemSubtype” : “ADVANI”,

“dateAdded” : “2012-04-23T18:25:43.511Z”,

“category” : “consumable”,

“inStock” : “1”,

“warehouseID” : “wh01”

}

{

“itemId”: “it101”,

“itemName” : “AIR COMPRESSOR”,

“itemSubtype” : “ATLAS COPCO-XAH 210”,

“dateAdded” : “2012-04-23T18:25:43.511Z”,

“category” : “nonconsumable”,

“inStock” : “1”,

“warehouseID” : “wh01”

}

{

“itemId”: “it101”,

“itemName” : “AIR COMPRESSOR”,

“itemSubtype” : “ELGE 300/100”,

“dateAdded” : “2012-04-23T18:25:43.511Z”,

“category” : “nonconsumable”,

“inStock” : “1”,

“warehouseID” : “wh01”

}