1. Gate entry(GateEntry.aspx)

* Access required for gate entry “Admin” and “GATEENTRY”
* Gate entry number will automatically generated data inserted into “Gate entry table” with “GRN Pending Status”

1. GateEntry.aspxPicklist Upload(Picklist.aspx)
   * Access required for gate entry “Admin” and “UPLOADER”
   * Data uploaded into “Picklist” table and “Pickliststatus” table updated
   * “GateEntry” table will also updated and status “GRN Done”
   * Picklist table will updated against each line of itemcode and the status is “GRN uploaded”.
   * PicklistStatus table is updated with upload number and the status is “Open”
2. Change Status(ChangeStatus.aspx)

* Change status to either 1.Offer to quality 2.Quality Start 3.Quality End for that Access is required “Admin” or as per “GRN\_Status” table.
* Status will be changing in Picklist Table in Status1 Column

1. Bin Allotment(WH\_Issuence.aspx)

* Upload number is coming from Picklist status where Status1 is not closed.
* =======================criteria to bin allotment===========
  + Checking whether itme code is avaible in “Itemcode\_size” table or not other wise it shows error as “Item code is not mapped with bin type.”
  + Check whether itemcode is available in “Handling\_Unit” table, if it not available then simply move the code ahead.

if it is available then it is checking whether duplicate itemcode, ItemUID and transaction type ‘Inv\_In’ is available in “TrolleyLaser” Table. It is is found then it shows the erro “"Item code with duplicate UID code is not allowed.”

* + Checking whether partcode grn list means picklist table or not ? and Status must be Quality End or else it will shows the   
    error “Item code not found in given upload number or IQC not Done”.

If it is there then code runs further and get the Sum Quantity(Qty from Picklist table)

1. get sum of quantity of itemcode in Uploadno where transaction type =’Inv\_In’ that is call already\_entered\_qty in variable. Now checking
2. if already enter quantity + Qty(from textbox) > sum quantity then it will show error “ upload number xxxx and part number yyyy is already having zzzz quantity and current input qty aaa which in more then Grn quantity pppp
   * checking Expiry\_ItemMaterial where expiry total date is available or not if not then show error : "Expiry date is mandatory for this item, please check the labels". Else code runs ahead and getting expiry date.
   * Working with view (view\_CurrentTI) and table (currentTI) : ->
     + Checking view\_CurrentTI item code and size wise basis upon the below query
     + *select \* from view\_CurrentTI where CurrentItem='" & itmcode & "' and size='" & size & "' order by TrolleyIndex asc, Rackindex asc, slotNo asc*
     + if raw not found then :  
        check currentTI table with size as per below query row found then the get the unique id and return to page other wise show the error that “no Bin space available to keep this material”

*(select Top 1 \* from CurrentTI where size='" & size & "' and Currentitem is null and Qty is null order by TrolleyIndex asc, Rackindex asc, slotNo asc)*

* if raw found then :

then apply a loop on currentTI table where current bin count + quantity <= current\_bin\_capacity then get unique id.  
if it not works then get unique id as per old method mentioned above.