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| Use Case ID: UC/INV/001 | |
| Use Case Name**: Raise Indent** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Floor Manager/Employee |
| Trigger: | * When Production floor needs any raw materials * When any Employee or Department need any consumable items |
| Business Rule | * Indent can be raised by Production floor for raw materials requires for Finished Goods production * Indent can be raised by any Employee or any department whenever any consumable items require * Multiple item can exist in single Indent. * Indent will have the target store name * Only approved Indent(s) will be available to Inventory authority for further action |
| Description: | Whenever any item is require for production or general consumption then the related authority ask the require item(s) from Inventory authority through Indent. One Indent is for raw materials and another one id for general consumption |
| Frequency of Use | * Medium |
| Preconditions | * Item (s) must be exists in System. * Unit of Measurement must exists in System. |
| Post Conditions | * Appropriate message will be displayed after each entry being saved / updated. * Approval Authority will be notified for approval response. |
| Assumption | * N/A |
| Goal | Create Indent in system |
| Normal Flow | 1. Indent raise by the authority for any raw materials/consumable goods requirement 2. Approval authority approve the Indent 3. Inventory authority receive the Indent for further action |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if Indent can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/002 | |
| Use Case Name**: Edit/Modify Indent** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Inventory Authority |
| Trigger: | * When any modification requires for any unapproved Indent. |
| Business Rule | * If Indent is not approved then Edit/Modification can take place. * Modification after approval needs special permission. * Modification can take place if there is any mistake in Indent. * Modification can take place if there is any changes in Indent. |
| Description: | If changes or modification requires for any raised and unapproved Indent then concern authority edit/modify that Indent. |
| Frequency of Use | Medium |
| Preconditions | * Indent must exist in System. * Indent status must be “active”. * Indent must be at unapproved state. |
| Post Conditions | * Appropriate message will be displayed after each entry being saved/updated. * Approval Authority will be notified for approval response. |
| Assumption | * N/A |
| Goal | Adjust necessary changes in Indent |
| Normal Flow | 1. Authorized user can edit/modify unapproved Indent. 2. Authorized user can login to system and open the Indent needs to modify. 3. User can edit/modify require Item (s) & Quantity. |
| Alternate Flow | * Approved Indent get special permission to modify by the Authorized user. * Authorized user edit/modify respective modification requirements. |
| Exception | * Proper message should be displayed if no content is found while loading the project list. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * Use Case ID: UC/INV/001 |

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| Use Case ID: UC/INV/003 | |
| Use Case Name**: Approve Indent** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Approval Authority |
| Trigger: | * When any raised Indent needs approval for further action |
| Business Role | * Approval Authority get notification for pending approval of Indent (s) * Approval authority approve the Indent to enable it for further business action * Approval authority reject the Indent to prevent it for any further business action |
| Description: | After raising Indent by the Production Floor Manager/Employee it needs to be approved by the approval authority for further approval |
| Frequency of Use | * Medium |
| Preconditions | * Indent must exists in System. * Approval Authority got notification for pending approval. |
| Post Conditions | * Indent will be approved. * Approved Indent will be freeze for any further modification. * Approved Indent will be available to Inventory for further action. |
| Assumption | * N/A |
| Goal | Approve Indent for further use. |
| Normal Flow | 1. Production Floor authority raise Indent for Production raw materials. 2. Employee/Department raise indent for general consumable item(s) 3. Approval Authority get notification for pending approval. 4. Approval Authority Approve the Indent. 5. Approved Indent can’t be modified. |
| Alternate Flow | 1. Production Floor authority raise Indent for Production raw materials. 2. Employee/Department raise indent for general consumable item(s) 3. Defined approval authority other than Floor Manager/ Department Head can approve the Purchase Requisition. |
| Exception | * Proper message should be displayed if no content is found while loading the Indent. * Appropriate message should be displayed if approval not possible. * Any system exception/application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * Use Case ID: UC/INV/001 |

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| Use Case ID: UC/INV/004 | |
| Use Case Name**: Cancel Indent** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Production Floor Authority, Employee |
| Trigger: | When any raised Indent canceled by the indenter |
| Business Role | * Authorized user created Indent * Indent may or may not be approved * Indent is not require any more so it needs to be cancelled. * Indent Can’t be cancelled if indenter has already received item(s) against the Indent |
| Description: | If any Indent get Invalid then the authority cancel that Indent |
| Frequency of Use | * Low |
| Preconditions | * Indent must exists. * No Inventory issue happen against the Indent * No Purchase Requisition has created against the Indent. * Entire Indent quantity is pending yet to create Purchase Requisition. * Only Authorized authority can cancel Indent. |
| Post Conditions | * Indent will be cancelled. * No further business action will take place after cancellation of Indent. * Indent will not be available to Issue Inventory Item against it. * Indent will not be available to create Purchase Requisition. * If Purchase Requisition was created against any Indent then the related user will be notified to Cancel the Purchase Requisition. |
| Assumption | * N/A |
| Goal | Cancel any Indent |
| Normal Flow | 1. Production floor Authority raise Indent for production raw materials items. 2. Employee or Department raise Indent for General consumable items 3. Authorized user Cancel the Indent (Approved & unapproved both). |
| Alternate Flow |  |
| Exception | * Proper message should be displayed if no content is found while loading the Indent. * Appropriate message should be displayed if Cancellation not possible. * Any system exception/application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * Use Case ID: UC/INV/001 |

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| Use Case ID: UC/INV/005 | |
| Use Case Name**: Close Indent** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Production Floor Authority, Employee or Authorized User |
| Trigger: | When any raised Indent need to be closed before completing the full operation. |
| Business Role | * Production floor Authority raise Indent for production raw materials items. * Employee or Department raise Indent for General consumable items * Indent is already approved. * Indent cannot be cancelled. * Purchase Requisition has already been generated against the Indent (Partially). * No Purchase Requisition will be created against the Indent for pending Items(Ex: Indent is having 1000 quantity and Purchase Requisition was created for 400 quantity and somehow it has been decided that no Purchase Requisition will be generated for the balance 600 qty. In that case Indent can’t be cancelled as already valid Purchase Requisition exists against it, On the other side it can’t display 600 quantity as balance for yet to create Purchase Requisition so Close statement of any Indent will keep the Existing Purchase Requisition active and no Indent quantity will be displayed as pending). * Or Inventory issue has already been triggered against the Indent (Partially) * No Purchase Requisition will be created against the Indent for pending Items(Ex: Indent is having 1000 quantity and Purchase Requisition was created for 400 quantity and somehow it has been decided that no Purchase Requisition will be generated for the balance 600 qty. In that case Indent can’t be cancelled as already valid Purchase Requisition exists against it, On the other side it can’t display 600 quantity as balance for yet to create Purchase Requisition so Close statement of any Indent will keep the Existing Purchase Requisition active and no Indent quantity will be displayed as pending). * No Inventory issue will happen against the Indent for pending Items(Ex: Indent is having 1000 quantity and Inventory has issued 400 quantity and somehow it has been decided that no Inventory issue will happen for the balance 600 quantity as it is not require for the Indenter anymore. In that case Indent can’t be cancelled as already Inventory issue has taken place, On the other side it can’t display 600 quantity as balance for yet to Issue from Inventory so Close statement of any Indent will keep the Existing Inventory issue active and no Indent quantity will be displayed as pending). |
| Description: | If any Indent have some pending Quantity to issue from Inventory or create Purchase Requisition but decision has taken that it will not be executed anymore or not require in that case the Indent will be declared as ‘Closed’ so that it will not display the pending item Indent quantity for Inventory issue or Create Purchase Order anymore. |
| Frequency of Use | * Low |
| Preconditions | * Indent must exists. * Indent may get approved. * Inventory item (s) has been issued partially against the Indent. * Purchase Requisition has created against the Indent for partial quantity. * Pending Indent quantity must exists to issue from Inventory for create Purchase Requisition. |
| Post Conditions | * Indent will be state as closed. * Already Issued item (s) from Inventory against the Indent will remain same. * Already created Purchase Requisition will remain same. * Item can’t be issue anymore against the Indent. * New Purchase Requisition can’t be created against that Indent. |
| Assumption | * N/A |
| Goal | Close any Indent. |
| Normal Flow | 1. Production floor Authority raise Indent for production raw materials items. 2. Employee or Department raise Indent for General consumable items. 3. Floor Manager/Authority approve the Indent. 4. Inventory authority issue item(s) against the indent (Partially). 5. Inventory Authority Create Purchase Requisition (Partial). 6. Authority got decided that inventory issue will not happen newly against the pending quantity of the Indent. 7. Authority got decided that no further Purchase Requisition will be created against the pending quantity of the Indent. 8. Close Purchase Requisition. 9. Indent will not be available to issue Inventory item(s) for pending quantity. 10. Indent will not be available for create Purchase Requisition for pending quantity. |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if no content is found while loading the Indent. * Appropriate message should be displayed if Indent Closing not possible. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * Use Case ID: UC/INV/001 |

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| Use Case ID: UC/INV/006 | |
| Use Case Name**: Receive Goods against Purchase Order** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * When Inventory authority receives goods against Purchase order |
| Business Role | * Supplier deliver goods to Inventory against the given Purchase Order * Inventory Authority receive the goods against Purchase Order |
| Description: | * Supplier deliver goods to Inventory as per the given Purchase Order, Storekeeper receive delivered goods as per the documents. |
| Frequency of Use | * Medium |
| Preconditions | * Approved Purchase Order issued to Supplier. * Inventory Location must exist. |
| Post Conditions | * Item(s) will be received against the Supplier Purchase Order. * It will move to QC Process * QC authority will receive notification for pending QC |
| Assumption | * N/A |
| Goal | Receive Delivered Items from Supplier against the Purchase Order |
| Normal Flow | 1. Procurement authority issue Purchase Order to Supplier against Bill of Materials (BOM) 2. Procurement authority issue Purchase Order to Supplier against Purchase Requisition. 3. Supplier deliver goods to Inventory against the Purchase Order 4. Inventory Authority receives goods from supplier against the Purchase Order. |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if Inventory receive transaction cannot be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * Use Case ID: UC/PRO/010 |

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| Use Case ID: UC/INV/007 | |
| Use Case Name**:** Receive Return to Supplier before QC | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * When inventory received items needs to return to supplier. |
| Business Rule | * Supplier deliver goods to Inventory against the given Purchase Order * Inventory Authority receive the goods against Purchase Order * Inventory authority return the goods to supplier for any reason * Inventory received goods will not move to QC process or will not be added to Inventory stock |
| Description: | Supplier delivered goods to storekeeper as per the Purchase Order Storekeeper receives goods accordingly but If there is any mismatch then storekeeper return the goods to supplier |
| Frequency of Use | * Low |
| Preconditions | * Supplier Purchase Order Must exist * Inventory receive must exist against the Purchase Order |
| Post Conditions | * Appropriate message will be displayed after successfully returning the received items in system. * Received item quantity will not flow to QC process. * Received item quantity will be added in pending Purchase Order delivery quantity * This quantity will be available to receive again from Supplier |
| Assumption | * N/A |
| Goal | Return goods to Supplier after Inventory receive and before QC process |
| Normal Flow | 1. Procurement authority issue Purchase Order to Supplier against Bill of Materials (BOM) 2. Procurement authority issue Purchase Order to Supplier against Purchase Requisition. 3. Supplier deliver goods to Inventory against the Purchase Order   Inventory Authority receives goods from supplier against the Purchase Order.  Inventory authority return the received goods to supplier before QC for any reason. |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if receive return to supplier cannot be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/008 | |
| Use Case Name: Purchase Order Cancellation for Returned Items | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Procurement Authority |
| Trigger: | * When Purchase order need to be canceled for receive returned items |
| Business Rule | * Supplier deliver goods to Inventory against the given Purchase Order * Inventory Authority receive the goods against Purchase Order * Inventory authority return the goods to supplier for any reason * Inventory received goods will not move to QC process or will not be added to Inventory stock * Procurement Authority cancel the Purchase Order for the received returned quantity. |
| Description: | Inventory authority returned receive goods against purchase order and cancel purchase order as well. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Supplier Purchase Order Must exist * Inventory must receive goods * Inventory return goods |
| Post Conditions | * Appropriate message will be displayed after successfully returning the received items in system. * Purchase Order receive return quantity will not be received from Supplier |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Receive goods  2. Return goods  3. Cancel purchase order |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if Purchase order cancellation for returned items can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/009 | |
| Use Case Name**: Perform QC of received goods** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * QC |
| Trigger: | * When execute the QC process |
| Business Rule | * Inventory Authority receive the goods against Purchase Order * Inventory received goods will execute QC process * Only QC passed quantity will be updated to inventory stock |
| Description: | QC inspector goes for QC process of the received goods. Only QC passed quantity will be updated to the stock and failed quantity will be returned to supplier. |
| Frequency of Use | * Medium |
| Preconditions | * Goods must be received |
| Post Conditions | * Appropriate message will be displayed after successfully returning the received items in system. * Purchase Order receive return quantity will not be received from Supplier |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Receive goods  2. QC process execute  3. Only QC passed quantity will be updated the stock |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if QC can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0010 | |
| Use Case Name**: Receive Return to Supplier after QC** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * QC failed quantity returned to supplier |
| Business Rule | * Receive goods from supplier * Sending back mismatched goods to supplier |
| Description: | * If goods mismatch then send back to supplier |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Goods must be received |
| Post Conditions | * Appropriate message will be displayed after successfully returning the received items in system. * Receive back of delivery goods |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Receive goods  2. QC process execute  3. Only QC passed quantity will be updated the stock |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if mismatched can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0011 | |
| Use Case Name**: Update stock with QC passed quantity** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * System |
| Trigger: | * When passed goods of QC process |
| Business Role | * Passed the QC process * Update the stock |
| Description: | QC authority execute the QC process in the receive goods and update the stock of passed QC. |
| Frequency of Use | * Medium |
| Preconditions | * Passed the QC process |
| Post Conditions | * Appropriate message will be displayed after successfully update the stock. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Receive goods  2. QC process execute  3. Only QC passed quantity will be updated the stock |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if stock can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0012 | |
| Use Case Name**: Return QC failed quantity to Supplier** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * When failed goods of QC process |
| Business Role | * Failed the QC process * Update the stock |
| Description: | QC authority execute the QC process in the receive goods and returned QC failed quantity to supplier |
| Frequency of Use | * Medium |
| Preconditions | * Failed the QC process |
| Post Conditions | * Appropriate message will be displayed after successfully failed goods returned to supplier. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Receive goods  2. QC process execute  3. Only QC failed quantity will be returned to supplier |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if goods returned can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0013 | |
| Use Case Name**: Order Cancellation for QC failed items/Qty** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Procurement/Authority |
| Trigger: | * When Purchase order need to be canceled for QC failed items |
| Business Rule | * Supplier deliver goods to Inventory against the given Purchase Order * Inventory Authority receive the goods against Purchase Order * Authority execute QC process of receive goods * Procurement Authority cancel the Purchase Order for the failed QC goods |
| Description: | Inventory authority canceled purchase order QC failed goods. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Supplier Purchase Order Must exist * Inventory must receive goods * Inventory perform QC process |
| Post Conditions | * Appropriate message will be displayed after successfully execute QC process * Purchase Order canceled of failed QC goods |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Receive goods  2. Perform QC process  3. Cancel purchase order |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if Purchase order cancellation for failed QC items can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0014 | |
| Use Case Name**: Receive replaced goods of QC failed returned qty** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * When QC failed products receive from Supplier |
| Business Role | * Inventory concerned person perform QC process and identify failed goods. * Supplier deliver replaced goods to Inventory against the given Purchase Order * Inventory Authority receive the replaced goods against Purchase Order |
| Description: | Inventory authority receive replaced goods of QC failed goods. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Supplier Purchase Order Must exist * Inventory perform QC process |
| Post Conditions | * Appropriate message will be displayed after successfully receive replaced goods |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | 1. Perform QC process  2. Receive replaced goods |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if replaced goods receive can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled.   Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| --- | --- |
| Use Case ID: UC/INV/0015 | |
| Use Case Name**: Request for Item Transfer** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Merchandiser * Employee * Storekeeper |
| Trigger | * When Merchandiser, Employee, Store Keeper wants to transfer items. |
| Business Rule | * Transfer Request Authority (Merchandiser/Storekeeper/Others) sends request to Approval Authority for item transfer. * Approval Authority requests the transfer request |
| Description | Transfer Request Authority (Merchandiser/Storekeeper/Others) sends request. Approval Authority for item transfer. Approval Authority requests the transfer request |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Prepares a list for transferring item. |
| Post Conditions | * Verify the request with necessary information. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Transfer Request Authority prepares a list of item for transfer. * Transfer Request Authority sends item transfer request to Approval Authority. * Approval Authority receives transfer request and verify the request with necessary information. |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0016 | |
| Use Case Name**: Approve Transfer Request** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Approval Authority |
| Trigger | * When Transfer Request Authority (Merchandiser / Storekeeper / others) sends request for item transfer. |
| Business Rule | * Approval Authority receives request from Transfer Request Authority with list of item and other necessary information. * If approved then request to concerned storekeeper to transfer the item and update the stock as well. |
| Description | Approval Authority receives request from Transfer Request Authority with list of item and other necessary information. If approved then request to concerned storekeeper to transfer the item and update the stock as well. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Must have item transfer request. |
| Post Conditions | * After taking approval decision system must have reflect the decision. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Approval Authority receives request from Transfer Request Authority with list of item and other necessary information. * If approved then request to concerned storekeeper to transfer the item and update the stock as well. |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0016 |

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| Use Case ID: UC/INV/0017 | |
| Use Case Name**: Cancel Transfer Request** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Approval Authority |
| Trigger | * When Approval Authority takes decision to cancel the request. |
| Business Rule | * Approval Authority receive request from Transfer Request Authority with item list with necessary information. * If Approval Authority decides not to approve the Transfer Request then cancel decision comes. * After cancel the request Approval Authority ends the request process here. |
| Description | Approval Authority receive request from Transfer Request Authority with item list with necessary information. If Approval Authority decides not to approve the Transfer Request then cancel decision comes. After cancel the request Approval Authority ends the request process here. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Approval Authority must takes decision not to approve the request. |
| Post Conditions | * Process must be end. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Approval Authority receive request from Transfer Request Authority with item list with necessary information. * If Approval Authority decides not to approve the Transfer Request then cancel decision comes. * After cancel the request Approval Authority ends the request process here. |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0015 |

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| Use Case ID: UC/INV/0018 | |
| Use Case Name**: Transfer Out Goods from One Location by Transfer Note** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Approval Authority * Storekeeper |
| Trigger | * When Approval Authority approves the Item Transfer Request. |
| Business Rule | * If item transfer request approved then request to transfer list of items to concerned storekeeper/inventory. * Item transfer request from one inventory concerned person to another inventory concerned person. |
| Description | If item transfer request approved then request to transfer list of items to concerned storekeeper/inventory. Item transfer request from one inventory concerned person to another inventory concerned person. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Must have approve the item transfer the request. |
| Post Conditions | * Must have transfer the item from one location to another. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * If item transfer request approved then request to transfer list of items to concerned storekeeper/inventory. * Item transfer request from one inventory concerned person to another inventory concerned person. |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0016 |

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| Use Case ID: UC/INV/0019 | |
| Use Case Name**: Transfer In Goods Against Transfer Note** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger | * When inventory-1 sends the item for transfer. |
| Business Role | * Receive request from one inventory for transfer out item * Receive transfer out item * if full received then Update the stock |
| Description | Receive request from one inventory for transfer out item. Receive transfer out item. if full received then Update the stock |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Inventory -1 sends item to Inventory-2. |
| Post Conditions | * Receive items and update the stock. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Receive request from one inventory for transfer out item * Receive transfer out item * if full received then Update the stock |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0018 |

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| Use Case ID: UC/INV/0020 | |
| Use Case Name**: In Transit Item Adjustment** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Storekeeper-2 |
| Trigger | * Storekeeper-2 (inventory-2) receive request. |
| Business Role | * Storekeeper-2 (inventory-2) receive request from Storekeeper-1 (inventory-1) for transfer out item from stock. * If Storekeeper-2 (inventory-2) full item receive then stock update. * If Storekeeper-2 (inventory-2) full item not receive then in transit quantity acknowledge |
| Description | If not fully received then in transit quantity acknowledgement. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * List of items must have sent from inventory-1. |
| Post Conditions | * Update the stock according to decision. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Storekeeper-2 (inventory-2) receive request from Storekeeper-1 (inventory-1) for transfer out item from stock. * If Storekeeper-2 (inventory-2) full item receive then stock update. * If Storekeeper-2 (inventory-2) full item not receive then in transit quantity acknowledge |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0019 |

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| --- | --- |
| Use Case ID: UC/INV/0021 | |
| Use Case Name**: Request for Item Allocation** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Merchandiser * Employee * Storekeeper * Others |
| Trigger | * When Merchandiser, Employer, Storekeeper want to place bulk EPO. |
| Business Rule | * Allocation / De-allocation / Re-allocation request Authority (Merchandiser / Storekeeper / Others) request to Approval Authority for bulk Export Purchase Order (EPO). |
| Description | Allocation / De-allocation / Re-allocation request Authority (Merchandiser / Storekeeper / Others) request to Approval Authority for bulk Export Purchase Order (EPO). |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * When Merchandiser, Employer, Storekeeper needs EPO. |
| Post Conditions | * Place request to Approval Authority for bulk EPO. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Allocation / De-allocation / Re-allocation request Authority (Merchandiser / Storekeeper / Others) request to Approval Authority for bulk Export Purchase Order (EPO). |
| Alternate Flow |  |
| Exception |  |
| Cross Reference | * N/A |

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| --- | --- |
| Use Case ID: UC/INV/0022 | |
| Use Case Name**: Approve Allocation Request** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Approval Authority |
| Trigger | * When Merchandiser, Employer, Storekeeper request for bulk EPO approval. |
| Business Rule | * Approval Authority receives request for approval for bulk export purchase order (EPO) * If Approval authority is approved then request to storekeeper for allocation. |
| Description | Approval Authority receives request for approval for bulk export purchase order (EPO) . If Approval authority is approved then request to storekeeper for allocation. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Approval Authority sends approval confirmation. |
| Post Conditions | * Storekeeper takes necessary steps to EPO. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Approval Authority receives request for approval for bulk export purchase order (EPO). * If Approval authority is approved then request to storekeeper for allocation. |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0021 |

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| --- | --- |
| Use Case ID: UC/INV/0023 | |
| Use Case Name**: Cancel Allocation Request** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Storekeeper |
| Trigger | * If Approval Authority is not approved then request is cancel. |
| Business Rule | * If Approval Authority is not approved then request is cancel. * Approval Authority terminates the process. |
| Description | If Approval Authority is not approved then request is cancel. Approval Authority terminates the process. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Approval Authority cancels the request. |
| Post Conditions | * End the process. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * If Approval Authority is not approved then request is cancel. * Approval Authority terminates the process. |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0021 |

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| --- | --- |
| Use Case ID: UC/INV/0024 | |
| Use Case Name**: Allocate Goods from Bulk Stock to EPO** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Storekeeper |
| Trigger | * When storekeeper receives approval message to allocate goods from Bulk Stock to EPO. |
| Business Rule | * Storekeeper receive request for allocation. * Storekeeper execute allocation from bulk to export purchase order (EPO) |
| Description | Storekeeper receive request for allocation. Storekeeper execute allocation from bulk to export purchase order (EPO) |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Storekeeper must have approval. |
| Post Conditions | * Execute bulk to EPO transfer. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Storekeeper receive request for allocation. * Storekeeper execute allocation from bulk to export purchase order (EPO) |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * Use Case ID: UC/INV/0023 |

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| --- | --- |
| Use Case ID: UC/INV/0025 | |
| Use Case Name**: De-allocate Goods from EPO to Bulk** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Merchandiser * Employee * Storekeeper * Others |
| Trigger | * When Merchandiser, Employer, Storekeeper request to Approval Authority for export purchase order (EPO) to bulk de-allocation. |
| Business Rule | * Allocation / De-allocation / Reallocation request authority (Merchandiser / Storekeeper / Others) request to Approval Authority for export purchase order (EPO) to bulk de-allocation. * Approval authority receive request for approval for export purchase order (EPO) to bulk de-allocation. * If Approval authority is not approved then request is cancel. * If Approval authority is approved then request to storekeeper for de-allocation * Storekeeper receive request for de-allocation. * Storekeeper executes de-allocation from bulk to export purchase order (EPO). |
| Description | Allocation / De-allocation / Reallocation request authority (Merchandiser / Storekeeper / Others) request to Approval Authority for export purchase order (EPO) to bulk de-allocation. Approval authority receive request for approval for export purchase order (EPO) to bulk de-allocation. If Approval authority is not approved then request is cancel. If Approval authority is approved then request to storekeeper for de-allocation. Storekeeper receive request for de-allocation. Storekeeper executes de-allocation from bulk to export purchase order (EPO). |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * When Merchandiser, Employer, Storekeeper needs to de-allocate export purchase order (EPO) to bulk. |
| Post Conditions | * Process will successfully complete. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Allocation / De-allocation / Reallocation request authority (Merchandiser / Storekeeper / Others) request to Approval Authority for export purchase order (EPO) to bulk de-allocation. * Approval authority receive request for approval for export purchase order (EPO) to bulk de-allocation. * If Approval authority is not approved then request is cancel. * If Approval authority is approved then request to storekeeper for de-allocation * Storekeeper receive request for de-allocation. * Storekeeper executes de-allocation from bulk to export purchase order (EPO). |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * N/A |

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| --- | --- |
| Use Case ID: UC/INV/0026 | |
| Use Case Name**: Re-allocate Goods from EPO to EPO** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors | * Merchandiser * Employee * Storekeeper * Others |
| Trigger | * When Merchandiser, Employer, Storekeeper request to Approval Authority for export purchase order (EPO) to EPO re-allocation. |
| Business Rule | * Allocation / De-allocation / Reallocation request authority (Merchandiser / Storekeeper / Others) request to approval authority for export purchase order (EPO) to bulk re-allocation. * Approval authority receive request for approval for export purchase order (EPO) to bulk re-allocation. * If Approval authority is not approved then request is cancel. * If Approval authority is approved then request to storekeeper for re-allocation. * Storekeeper receive request for re-allocation. * Storekeeper executes re-allocation from bulk to export purchase order (EPO). |
| Description | Allocation / De-allocation / Reallocation request authority (Merchandiser / Storekeeper / Others) request to approval authority for export purchase order (EPO) to bulk re-allocation. Approval authority receive request for approval for export purchase order (EPO) to bulk re-allocation. If Approval authority is not approved then request is cancel. If Approval authority is approved then request to storekeeper for re-allocation. Storekeeper receive request for re-allocation. Storekeeper executes re-allocation from bulk to export purchase order (EPO). |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * When Merchandiser, Employer, Storekeeper needs to re-allocate export purchase order (EPO) to EPO. |
| Post Conditions | * Process will successfully complete. |
| Assumption | * N/A |
| Goal |  |
| Normal Flow | * Allocation / De-allocation / Reallocation request authority (Merchandiser / Storekeeper / Others) request to approval authority for export purchase order (EPO) to bulk re-allocation. * Approval authority receive request for approval for export purchase order (EPO) to bulk re-allocation. * If Approval authority is not approved then request is cancel. * If Approval authority is approved then request to storekeeper for re-allocation. * Storekeeper receive request for re-allocation. * Storekeeper executes re-allocation from bulk to export purchase order (EPO). |
| Alternate Flow | * N/A |
| Exception |  |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0027 | |
| Use Case Name**: Issue Stock against Indent (from Production floor)** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * When Storekeeper issue any store item against Indent |
| Business Role | 1. Production Floor authority raise Indent for Production raw materials. 2. Indent got approve 3. Storekeeper issue materials against Indent |
| Description: | Storekeeper receives Indent from production for any requires item(s) and issues the items as per Indent. |
| Frequency of Use | * Medium |
| Preconditions | * Receive Indent from Production Floor * Receive Indent from Employee/Department * Item Stock must exist |
| Post Conditions | * Appropriate message will be displayed after each entry being saved / updated. * Indenter will receive the issued item(s). |
| Assumption | * N/A |
| Goal | Issue items against Indent |
| Normal Flow | * Storekeeper receive indent from production floor * Storekeeper issue item to production floor against indent |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if issue can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0028 | |
| Use Case Name**: Issue Stock against Indent (From Employee)** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | * When Storekeeper issue any store item against Indent |
| Business Role | * Employee/Department raise indent for general consumable item(s) * Indent got approve * Storekeeper issue materials against Indent |
| Description: | Storekeeper receives Indent from Employee for any requires item(s) and issues the items as per Indent. |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Receive Indent from Production Floor * Receive Indent from Employee / Department * Item Stock must exist |
| Post Conditions | * Appropriate message will be displayed after each entry being saved / updated. * Indenter will receive the issued item(s). |
| Assumption | * N/A |
| Goal | Issue items against Indent |
| Normal Flow | * Storekeeper receive indent from Employee/Department * Storekeeper issue item Employee/Department against indent |
| Alternate Flow | * N/A |
| Exception | * Proper message should be displayed if issue can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0029 | |
| Use Case Name**: Receive Issued Item** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Receive Authority |
| Trigger: | * When Storekeeper issue any store item against Indent |
| Business Role | * Storekeeper issue materials against Indent * Receive Authority receive issue item against their raise indent |
| Description: | Receive Authority receive issue item(s) from storekeeper against their raise indent |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Storekeeper issue any store item * Item Stock must exist |
| Post Conditions | * Appropriate message will be displayed after each entry being saved / updated. * Receive Authority can return store item(s) if not use |
| Assumption | * N/A |
| Goal | Issue item(s) receive properly |
| Normal Flow | * Storekeeper issue item(s) Receive Authority against indent * Receive Authority receive issue item(s) from storekeeper against indent |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if receive item can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0030 | |
| Use Case Name**: Return Issued Item** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Receive Authority |
| Trigger: | * When Receive Authority receive issue item(s) |
| Business Role | * Receive Authority receive issue item against their raise indent * Receive Authority will return if item remain unused. * Storekeeper will receive unused item |
| Description: | Receive Authority return unused item(s) to storekeeper against their raise indent |
| Frequency of Use | * Medium (Regularly) |
| Preconditions | * Inventory item issue against Indent * Receive authority acknowledge the receive * Receive authority return the unused received materials to Inventory |
| Post Conditions | * Appropriate message will be displayed after each entry being saved / updated. * Inventory Stock will be updated by the issue return quantity. |
| Assumption | * N/A |
| Goal | Entering the Issue Return quantity |
| Normal Flow | * Production Floor/Employee raise Indent to Inventory for require item and quantity. * Inventory Authority issue item against Indent * Receive authority acknowledge the issued item from Inventory * Receive authority return the unused received item(s) to Inventory |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if Return Issued item can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| --- | --- |
| Use Case ID: UC/INV/0031 | |
| Use Case Name**: Physical Inventory** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Storekeeper |
| Trigger: | When Inventory stock and record stock get map |
| Business Role | * Inventory Authority count the item stock physically * Inventory authority adjust the difference between physical and record |
| Description: | Physical Inventory is happing to map the Inventory stock Physically and by record. All mismatch are getting adjust here. |
| Frequency of Use | * Low |
| Preconditions | * Inventory Stock record must exist |
| Post Conditions | * Stock record will be synced with the physical existence. * Adjustment will be declared for the mismatch |
| Assumption | * N/A |
| Goal | To sync the Inventory stock record with Physical existence |
| Normal Flow | * Inventory Authority count the item stock physically * Inventory authority adjust the difference between physical and record |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if Physical Inventory adjustment can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| --- | --- |
| Use Case ID: UC/INV/0032 | |
| Use Case Name**: Adjust Item (S)** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Inventory Authority |
| Trigger: | * When any item stock needs to be adjusted with the stock record for mismatch or surplus physical existence |
| Business Role | * Storekeeper find stock mismatch (Missing/damage/surplus). * Storekeeper adjust the identified item stock case by adjustment clause |
| Description: | If there is any item missing/damage/surplus in inventory stock then the storekeeper adjust that in inventory stock record by adjustment clause. |
| Frequency of Use | * Low |
| Preconditions | * Inventory Stock record must exist * Item missing/damage/surplus in inventory stock |
| Post Conditions | * Inventory Stock register will be updated with the adjustment along with clause |
| Assumption | * N/A |
| Goal | To adjust the missing/damage/surplus items in Inventory stock record |
| Normal Flow | * Storekeeper find stock mismatch (Missing/damage/surplus). * Storekeeper adjusts the identified item stock case by adjustment clause. |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if Inventory adjustment can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| --- | --- |
| Use Case ID: UC/INV/0033 | |
| Use Case Name**: Adjust Item (S) for item missing** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Inventory Authority |
| Trigger: | * When any item stock needs to be adjusted with the stock record for missing physical existence |
| Business Role | * Storekeeper find stock missing. * Storekeeper adjust the identified item stock case by adjustment clause |
| Description: | If there is any item missing in inventory stock then the storekeeper adjust that in inventory stock record by adjustment clause. |
| Frequency of Use | * Low |
| Preconditions | * Inventory Stock record must exist * Item missing in inventory stock |
| Post Conditions | * Inventory Stock register will be updated with the adjustment along with clause |
| Assumption | * N/A |
| Goal | To adjust the missing items in Inventory stock record |
| Normal Flow | * Storekeeper find stock missing. * Storekeeper adjusts the identified item stock case by adjustment clause. |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if Inventory adjustment can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |

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| Use Case ID: UC/INV/0034 | |
| Use Case Name**: Adjust Item (S) for item damage** | |
| Created By: **GenWeb2 Ltd.** | Date Created: 08 October, 2015 |
| Actors: | * Inventory Authority |
| Trigger: | * When any item stock needs to be adjusted with the stock record for damage physical existence |
| Business Role | * Storekeeper find stock damage. * Storekeeper adjust the identified item stock case by adjustment clause |
| Description: | If there is any item damage in inventory stock then the storekeeper adjust that in inventory stock record by adjustment clause. |
| Frequency of Use | * Low |
| Preconditions | * Inventory Stock record must exist * Item damage in inventory stock |
| Post Conditions | * Inventory Stock register will be updated with the adjustment along with clause |
| Assumption | * N/A |
| Goal | To adjust the damage items in Inventory stock record |
| Normal Flow | * Storekeeper find stock damage. * Storekeeper adjusts the identified item stock case by adjustment clause. |
| Alternate Flow | N/A |
| Exception | * Proper message should be displayed if Inventory adjustment can’t be saved. * Proper message should be displayed if any master or dependent data is missing or not found. * Appropriate message should be displayed if mandatory fields are not filled. * Any system exception/Application exception should be handled centrally with proper user message during the page browse/save/update/view operations. |
| Cross Reference | * N/A |