# Use Case # 7 Inventory Count Update

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| GENERAL CHARACTERISTICS | |
| **Author** | Abdulaziz Alayadi |
| **Last Update:** | 2/21/17 |
| **Scope** | Resturant Automation System |
| **Level** | User Level |
| **Status** | Finalized  Conceptualization |
| **Primary Actor** | Chef. |
| **Secondary Actors** | Suppliers. |
| **Stakeholders and Interests** | Chef, wants to update the inventory.  Manager, wants to view the inventory and inventory costs.  Suppliers, want to know when an item is low in the inventory. |
| **Preconditions** | Chef is logged in and authnticated. |
| **Success Post Condition** | The virtual inventory items are updated to match current real life situation. |
| **Failed Post Condition** | The inventory is state does not change. |

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| MAIN SUCCESS SCENARIO (or basic flow) | |
| **Step** | **Action -** description in words of each step in success scenario |
| 1 | Chef views items in inventory. |
| 2 | Chef selects to change count of an item (delete/add). |
| 3 | Chef chooses how many units of this item shall be deleted or added. |
| 4  5 | Chef confirms the update.  Items are updated in the virtual inventory. |

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| EXTENSIONS or Alternate Flows | |
| **Step** | **Branching Action** |
| *a.*  *2-4*  *5.a* | At anytime, System fails:   1. Manager log in and re-do the process. |
| Chef selects the option of cancelling.   1. The system goes back to step one with no change to state of the inventory.   If item counts are deducted:   1. System checks if items count is low 2. If item count is low, notify suppliers. |

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| SPECIAL REQUIREMENTS | |
| **Req Num** | **Requirement** |
| *n* | N/A |

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| TECHNOLOGY AND DATA VARIATIONS LIST | |
| **Var Num** | **Variation** |
| *1* | System should have access to a notification method (e.g. e-mail). |

***FREQUENCY OF OCCURRENCE***: Very Often

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
| *n* | N/A |