# Use Case # 8 Inventory Item Adding

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| GENERAL CHARACTERISTICS | |
| **Author** | Abdulaziz Alayadi |
| **Last Update:** | 2/21/17 |
| **Scope** | Resturant Automation |
| **Level** | User Level |
| **Status** | Finalized Conceptualization |
| **Primary Actor** | Resturant Manager, a person who has the athurity to add new items to the inventory. |
| **Secondary Actors** | Chef. |
| **Stakeholders and Interests** | Manager, wants to add a new item to the inventory.  Chef, wants the Manager to add a new item to the inventory.  Suppliers, want to know when items are low to supply more.  Resturant Owner, wants to know the cost of items in the inventory. |
| **Preconditions** | Manager logged in and authinticated. |
| **Success Post Condition** | The virtual inventory has the new item, how many of it and suppliers information. |
| **Failed Post Condition** | The inventory 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 | Manager chooses to add a new item. |
| 2 | Manager adds new item’s; name, description, suppliers name and contact information, current counts of the item in the inventory. |
| 3  4 | Manager submits the new item’s form.  Virtual Inventory shows the new item in the list of items. |
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| EXTENSIONS or Alternate Flows | |
| **Step** | **Branching Action** |
| *a.*  *2* | At anytime, System fails:   1. Manager log in and re-do the process. |
| The Manager chooses the cancel option:   1. The state of the virtual inventory is not affected. |

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

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| TECHNOLOGY AND DATA VARIATIONS LIST | |
| **Var Num** | **Variation** |
|  | N/A |

***FREQUENCY OF OCCURRENCE***: Sometimes

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
|  | How the chef will communicate the need for a new item to the manager? |