# P[Use Case # [Use Case 5: Add items to order]

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| GENERAL CHARACTERISTICS | |
| **Author** | [Sayan Ekambarapu] |
| **Last Update:** | [2/21/17 / Initial Creation] |
| **Scope** | [Restaurant Automation System] |
| **Level** | [User level] |
| **Status** | [in progress]  [conceptualization] |
| **Primary Actor** | [Waiter] |
| **Secondary Actors** | [Customer] |
| **Stakeholders and Interests** | [Waiter wants to be able to do it quickly for a higher tip  Customer wants to add an item from their order because they changed their mind  Manager wants the customer to be happy so they return to the restaurant] |
| **Preconditions** | [The item being added is on the menu]> |
| **Success Post Condition** | [The order is updated so that the item is added or the quantity is increased] <[The item is on the menu]> |
| **Failed Post Condition** | [An error occurs because the item that is trying to be added isn’t on the menu] |

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| MAIN SUCCESS SCENARIO (or basic flow) | |
| **Step** | **Action -** description in words of each step in success scenario |
| 1 | [Customer tells waiter what item he/she wants added to the order] |
| 2 | [Waiter logs into system] |
| 3  4 | [Waiter adds the item from the order]  [Waiter is asked to confirm the changes] |
| 5 | [The updated order is printed out so that the customer knows the item has been add] |

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| EXTENSIONS or Alternate Flows | |
| **Step** | **Branching Action** |
| 1.1  2.1 | System fail  Waiter restarts system and places order again  Waiter cancels during confirmation phase  Order is not changed |
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| SPECIAL REQUIREMENTS | |
| **Req Num** | **Requirement** |
| *1* | [Touchscreen system so that waiter can easily update order] |

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

***FREQUENCY OF OCCURRENCE***: [Many times every day]

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
| *1* | [Should the customer be able to do it without contacting the waiter?] |