# Use Case # [Use Case 3: Placing a new order]

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| GENERAL CHARACTERISTICS | |
| **Author** | [Sayan Ekambarapu] |
| **Last Update:** | [2/21/17 / Filled out use case] |
| **Scope** | [Restaurant Automation System] |
| **Level** | [user-level] |
| **Status** | [Finalized]  [conceptualization] |
| **Primary Actor** | [Waiter] |
| **Secondary Actors** | [Customer placing the order] |
| **Stakeholders and Interests** | [Customer: Wants their order to be correctly entered so they can get their food  Manager: Wants correct order information so that customer is pleased with the service  ] |
| **Preconditions** | [Order has items that are on the menu] |
| **Success Post Condition** | [Order is successfully placed and in the system] <[All items in order are on the menu]> |
| **Failed Post Condition** | [Order has an error] <[Not all items are 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 | [Waiter logs into system] |
| 2 | [Waiter picks the item number and the quantity for an item in the order] |
| 3  4 | [Repeat step 2 until all items are in the order]  [Waiter is asked to confirm the placement of the order] |
| 5 | [Order is set to in progress and an order number is generated] |

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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 placed |
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| SPECIAL REQUIREMENTS | |
| **Req Num** | **Requirement** |
| 1 | [Screen would have to be touch screen for faster creating of an order] |

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

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

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
| *n* | [Should the customer be able to place an order from their table wihtout the waiter? Touchscreen pad at table?] |