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

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| GENERAL CHARACTERISTICS | |
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| **Last Update:** | [2/21/17 / Filled out use case] |
| **Scope** | [Restaurant Automation System] |
| **Level** | [user-level] |
| **Status** | [in progress]  [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 | [Repeat step 2 until all items are in the order] |
| 4 | [Order is set to in progress and an order number is generated] |

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| EXTENSIONS or Alternate Flows | |
| **Step** | **Branching Action** |
| *n..m* | [description in words of the extension scenario] <[pointer to scenario diagrams for the extension scenario]> |
| [An extension scenario indicates the step or range of steps in the main success scenario where possible branching occurs, and the resulting actions which vary from the main success scenario. Identify the step number of main scenario where branching action occurs (*n*), and list the condition followed by the actions.]  [na. Condition causing branching:]  [*n*a1. Action (or name and number of “extend” use case)]  [*n*a2. Action (or name and number of “extend” use case)] |

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| SPECIAL REQUIREMENTS | |
| **Req Num** | **Requirement** |
| *n* | [any non-functional, quality attribute or constraint related to the use case. IE: POS system should use touchscreen UI.] |

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| TECHNOLOGY AND DATA VARIATIONS LIST | |
| **Var Num** | **Variation** |
| *n* | [variations on how things should be done. IE: “POS system must support credit card input by card reader or keyboard.”, or “Barcode reader should support UPC, EAN and SKU barcode types”] |

***FREQUENCY OF OCCURRENCE***: [How frequently will this Use Case occur?]

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
| *n* | [list of all requirements or possible requirements that have been deferred to future increments; any open questions that need to be answered before the use case can be completed] |