**Class Method Descriptions**

**Order Class**

The Order class contain information about your order like order ID, date, price, status and order line.

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | addItems |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows you to add items to your order |

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | setStatus |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | status: String |
| **Description** | This method allows the chef to indicate the order status |

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | getStatus |
| **Visibility** | public |
| **Return type** | String |
| **Parameters, types** | none |
| **Description** | This method allows the customer to know the order status |

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | CalcSubTotal |
| **Visibility** | public |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method calculates the total price of items |

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | CalcTax |
| **Visibility** | public |
| **Return type** | void |
| **Parameters, types** | None |
| **Description** | This method calculates the tax of order |

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | CalcTotal |
| **Visibility** | public |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method calculates the amount price of order (sub total + Tax) |

|  |  |
| --- | --- |
| **Class** | Order |
| **Method** | CalcTotalCalories |
| **Visibility** | public |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method calculates the amount calories of all items |

**Item Class**

The Item class contain information about items in the restaurant like item ID, name, price, description, type (drink,food…etc) and calories.

|  |  |
| --- | --- |
| **Class** | Item |
| **Method** | setItem |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows the owner to indicate the item details |

|  |  |
| --- | --- |
| **Class** | Item |
| **Method** | getItem |
| **Visibility** | private |
| **Return type** | String |
| **Parameters, types** | none |
| **Description** | This method allows the owner to know the item details |

|  |  |
| --- | --- |
| **Class** | Item |
| **Method** | printInfo |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method prints all the item information. |

|  |  |
| --- | --- |
| **Class** | Item |
| **Method** | updatePrice |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows the owner to modify the item price |

|  |  |
| --- | --- |
| **Class** | Item |
| **Method** | isAvailable |
| **Visibility** | private |
| **Return type** | boolean |
| **Parameters, types** | none |
| **Description** | This method checks if the item exists or not |

|  |  |
| --- | --- |
| **Class** | Item |
| **Method** | inStock |
| **Visibility** | private |
| **Return type** | boolean |
| **Parameters, types** | none |
| **Description** | This method checks if the item is in stock or not |

**Table Class**

The Table class contain information about tables in the restaurant like table ID, number of seats and If it is occupied or not.

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| --- | --- |
| **Class** | Table |
| **Method** | addTable |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows owner to add new table |

|  |  |
| --- | --- |
| **Class** | Table |
| **Method** | deleteTable |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows owner to delete a table |

|  |  |
| --- | --- |
| **Class** | Table |
| **Method** | setTable |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows owner to modify table details |

|  |  |
| --- | --- |
| **Class** | Table |
| **Method** | getTable |
| **Visibility** | public |
| **Return type** | int |
| **Parameters, types** | none |
| **Description** | This method shows the table details |

|  |  |
| --- | --- |
| **Class** | Table |
| **Method** | setOccupied |
| **Visibility** | private |
| **Return type** | void |
| **Parameters, types** | none |
| **Description** | This method allows the owner to indicate the table status |

|  |  |
| --- | --- |
| **Class** | Table |
| **Method** | getOccupied |
| **Visibility** | public |
| **Return type** | boolean |
| **Parameters, types** | none |
| **Description** | This method shows if the table occupied or not |