```
Api/management.py
def getAllSales():
    :return: 200 if completed successfully
def getXReport():
    :return: 200 on completion
def getAndUpdateMenu():
    :return: 200 on success 400 on failure
def getAndUpdateInventory():
    :return:
def restockInventory():
    :return: 204 on success and 400 on fail
def voidInventoryItem():
    :return: 204 on success and 400 on fail
def viewTransactions():
    :return: table-ready JSON containing each transaction received
```

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def getAndUpdateEmployees():
def getItem():
def getInvItem():
   :return: The JSON of the item
   :rtype: list[Tuple[dateTime, boolean, integer, float, boolean]]
```

```
models/management.py
def getAllSales():
    :return: All sales collected by the database
    :rtype: list[Tuple[dateTime, boolean, integer, float, boolean]]
def matchItemToCategoryAndPrice() -> dict:
    :rtype: dict[str, Tuple[str, float]]
def categorizeSales(startDate, endDate):
    :type startDate: str or datetime.datetime
    :param endDate: A string representing the ending date to be categorized
    :type endDate: str or datetime.datetime
    :return: A dictionary matching each category to the money spent on items
    :rtype: dict[str, float]
def markDaysAsReported():
    :rtype: Tuple[datetime, datetime]
def viewTransactions(startDate=None, endDate=None):
    :param startDate: starting date
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:return: The results from the performed query based on the date range
   :rtype: List[Tuple]
def adjustPrice(identifier, price: float):
   :type identifier: str or int
   :param price: The updated price
   :type price: float
def getMenuItems():
   :return: Dictionary modeling JSON return
   :return: JSON formatted list of inventory items
   :rtype: list[dict, ...]
def addMenuItem(name: str, display: str, category: str, sized: bool,
   :param display: external name of the item
   :param sized: boolean representing if the drink has tall/grande/venti
   :param price: price of the item or tuple for the three different prices
   :param autocalc: flag that determines if pricing is auto-calculated for
def removeMenuItem(identifier):
   :param identifier: a str for the item name or int for the item id
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def updateMenuIngredients(id, newIngredients):
   :param identifier: a string or int representing the item name or item id
   :type identifier: int or str
def getIngredients(identifier):
   :param identifier: a string or int representing the item name or item id
   :type identifier: int or str
def restockItem(identifier, amount):
   :param identifier: a string or int representing the item name or item id
   :param initialAmount: initial amount of the item
   :param cost: cost to supply the item
   :param lowStockThreshold: threshold to be considered low stock
def changeInventoryCost(identifier, cost: float):
   :param identifier: a string or int representing the inventory name or
   :type identifier: int or str
   :param cost: new cost of the ingredient
def changeLowStockThreshold(identifier, threshold: float):
```

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Changes the low stock threshold of the given item
    :param identifier: a string or int representing the inventory name or
    :type identifier: int or str
def getLowStock():
    :return: Table of all low stock items and all columns from the database
deleteIfInMenu: bool = False):
    :param identifier: a string or int representing the inventory name or
    :type deleteIfStockLeft: bool
    :param deleteIfInMenu: flag that will allow deletion if menu items are
    :type deleteIfInMenu: bool
    :return: a bool indicating if the item was removed and a string message
    :rtype: tuple[bool, str]
    :type identifier: int or str
    :param amount: amount of item to be restocked
    :type amount: float
def getAmountOfInventroy(identifier):
    :param identifier: a string or int representing the item name or item id
```

```
def getEmployees():
def addEmployee(name, email, management=False):
   :param name: Name of the employee
   :type name: str
   :param management: boolean representing if the employee is management
   :type management: bool
   :param email: email of the employee to be used with OAuth
   :rtype tuple[bool,str]
def removeEmployee(identifier):
   :param identifier: Either the email or id to find the employee by
   :type identifier: int or str
def getInvItem(identifier):
   :param identifier: name of the inventory item
   :type identifier: str
   :return: JSON formatted dict of the inventory item
```

```
menu_board_view.js

function autoscroll()

/**

    * Automatically scrolls up and down the page,
    * with a 5-second pause upon reaching the top or bottom,
    * before the scroll reverses.
    */

function scrollUp()

/**

    * Scrolls up by the number of pixels specified by top
    */
function scrollDown()

/**

    * Scrolls down by the number of pixels specified by top
    */
*/
**

** Scrolls down by the number of pixels specified by top
    */
*/
**

** Scrolls down by the number of pixels specified by top
    */
*/
**

** Scrolls down by the number of pixels specified by top

*/
```