








































































































































































 <b>Restaurant</b>	 <b>String</b>
 <b>name</b>	 <b>String</b>
 <b>cuisine</b>	 <b>String</b>
 <b>managerList</b>	 <b>ArrayList&lt;Manager&gt;</b>
 <b>cooklist</b>	 <b>ArrayList&lt;Cook&gt;</b>
 <b>serverList</b>	 <b>ArrayList&lt;Server&gt;</b>
 <b>menu</b>	 <b>ArrayList&lt;MenuItem&gt;</b>
 <b>tableList</b>	 <b>ArrayList&lt;Table&gt;</b>
 <b>inventoryList</b>	 <b>ArrayList&lt;InventoryItem&gt;</b>
 <b>employeeList</b>	 <b>ArrayList&lt;Employee&gt;</b>
 <b>activeCookList</b>	 <b>ArrayList&lt;Cook&gt;</b>
 <b>numTables</b>	 <b>int</b>
 <b>vmManager</b>	 <b>VirtualManager</b>
 <b>setStaff(int, int, int)</b>	 <b>void</b>
 <b>setTable(int)</b>	 <b>void</b>
 <b>setInventoryList(ArrayList&lt;InventoryItem&gt;)</b>	 <b>void</b>
 <b>setMenu(ArrayList&lt;MenuItem&gt;)</b>	 <b>void</b>
 <b>getInventoryItems()</b>	 <b>ArrayList&lt;InventoryItem&gt;</b>
 <b>getTableList()</b>	 <b>ArrayList&lt;Table&gt;</b>
 <b>getEmployeeList()</b>	 <b>ArrayList&lt;Employee&gt;</b>
 <b>getMenu()</b>	 <b>ArrayList&lt;MenuItem&gt;</b>
 <b>getMenuItem(String)</b>	 <b>MenuItem</b>
 <b>getManagerList()</b>	 <b>ArrayList&lt;Manager&gt;</b>
 <b>getCookList()</b>	 <b>ArrayList&lt;Cook&gt;</b>
 <b>getServerList()</b>	 <b>ArrayList&lt;Server&gt;</b>
 <b>getInventoryItem(String)</b>	 <b>InventoryItem</b>
 <b>setVirtualManager(VirtualManager)</b>	 <b>void</b>
 <b>getVirtualManager()</b>	 <b>VirtualManager</b>
 <b>activateCooks()</b>	 <b>void</b>
 <b>getActiveCook()</b>	 <b>Cook</b>
 <b>removeActiveCook()</b>	 <b>void</b>









 <b>Order</b>	 <b>Cook</b>
 <b>cook</b>	 <b>int</b>
 <b>totalOrders</b>	 <b>int</b>
 <b>order_num</b>	 <b>double</b>
 <b>menuItem</b>	 <b>MenuItem</b>
 <b>table_num</b>	 <b>int</b>
 <b>status</b>	 <b>String</b>
 <b>server</b>	 <b>Server</b>
 <b>extras</b>	 <b>ArrayList&lt;String&gt;</b>
 <b>getStatus()</b>	 <b>String</b>
 <b>getServer()</b>	 <b>Server</b>
 <b>getOrderNum()</b>	 <b>int</b>
 <b>getMenuItem()</b>	 <b>MenuItem</b>
 <b>getTableNum()</b>	 <b>int</b>
 <b>setCook(Cook)</b>	 <b>void</b>
 <b>getCook()</b>	 <b>Cook</b>
 <b>changeStatus(String)</b>	 <b>void</b>
 <b>generateMessage()</b>	 <b>Object</b>
 <b>additions(InventoryItem)</b>	 <b>void</b>
 <b>subtract(InventoryItem)</b>	 <b>void</b>
 <b>toString()</b>	 <b>String</b>



















 <b>Employee</b>	 <b>int</b>
 <b>id</b>	 <b>boolean</b>
 <b>online</b>	 <b>double</b>
 <b>salary</b>	 <b>ArrayList&lt;Object&gt;</b>
 <b>notificationList</b>	 <b>boolean</b>
 <b>isOnline()</b>	 <b>void</b>
 <b>addroNotifications(Notification)</b>	 <b>int</b>
 <b>updateStatus(boolean)</b>	 <b>void</b>
 <b>getid()</b>	 <b>int</b>


 <b>Server</b>	 <b>double</b>
 <b>getBill(int)</b>	 <b>String</b>
 <b>toString()</b>	 <b>String</b>





























 <b>Cook</b>	 <b>void</b>
 <b>confirm(ArrayList&lt;Order&gt;, int)</b>	 <b>void</b>
 <b>prepared(Order)</b>	 <b>int</b>
 <b>getCookid()</b>	 <b>String</b>
 <b>toString()</b>	 <b>String</b>





















 <b>Table</b>	 <b>int</b>
 <b>tableNumber</b>	 <b>Bill</b>
 <b>bill</b>	 <b>ArrayList&lt;MenuItem&gt;</b>
 <b>itemsOrdered</b>	 <b>Server</b>
 <b>server</b>	 <b>ArrayList&lt;Order&gt;</b>
 <b>orderList</b>	 <b>int</b>
 <b>getTableNumber()</b>	 <b>Bill</b>
 <b>getBill()</b>	 <b>Server</b>
 <b>getServer()</b>	 <b>void</b>
 <b>setServer(Server)</b>	 <b>ArrayList&lt;MenuItem&gt;</b>
 <b>getItemsOrdered()</b>	 <b>ArrayList&lt;MenuItem&gt;</b>
 <b>getOrderList()</b>	 <b>Order</b>
 <b>getOrder(String)</b>	 <b>void</b>
 <b>subtractOrder(Order)</b>	 <b>Order</b>
 <b>addOrder(MenuItem)</b>	 <b>void</b>
 <b>cleanTable()</b>	 <b>void</b>





















 <b>Notification</b>	 <b>void</b>
 <b>Notify/Recipient()</b>	 <b>void</b>
 <b>setUrgent(boolean)</b>	 <b>String</b>
 <b>toString()</b>	 <b>String</b>

 <b>PreparedNotification</b>	 <b>String</b>
 <b>content</b>	 <b>boolean</b>
 <b>is_urgent</b>	 <b>Order</b>
 <b>order</b>	 <b>Server</b>
 <b>recipient</b>	 <b>void</b>
 <b>Notify/Recipients()</b>	 <b>void</b>
 <b>setContent()</b>	 <b>void</b>
 <b>setUrgent(boolean)</b>	 <b>void</b>
 <b>toString()</b>	 <b>String</b>

 <b>InventoryNotification</b>	 <b>String</b>
 <b>content</b>	 <b>boolean</b>
 <b>is_urgent</b>	 <b>ArrayList&lt;Manager&gt;</b>
 <b>managers</b>	 <b>ArrayList&lt;Manager&gt;</b>
 <b>createManagerList(ArrayList&lt;Employee&gt;)</b>	 <b>void</b>
 <b>Notify/Recipients()</b>	 <b>void</b>
 <b>setContent(InventoryItem)</b>	 <b>void</b>
 <b>setUrgent(boolean)</b>	 <b>void</b>
 <b>toString()</b>	 <b>String</b>

 <b>EventReader</b>	 <b>String</b>
 <b>events</b>	 <b>String</b>
 <b>output</b>	 <b>String</b>
 <b>recipes</b>	 <b>VirtualManager</b>
 <b>restaurant1</b>	 <b>HandleBill</b>
 <b>vmManager</b>	 <b>HandleStatus</b>
 <b>billHandler</b>	 <b>HandleStatus</b>
 <b>deliverHandler</b>	 <b>HandleOrder</b>
 <b>handleStatus</b>	 <b>HandlePrepare</b>
 <b>orderHandler</b>	 <b>HandlePrepare</b>
 <b>prepareHandler</b>	 <b>HandleReceive</b>
 <b>recipeHandler</b>	 <b>ArrayList&lt;ArrayList&gt;</b>
 <b>recipeReader()</b>	 <b>void</b>
 <b>reader()</b>	 <b>void</b>

 <b>InventoryItem</b>	 <b>int</b>
 <b>threshold</b>	 <b>String</b>
 <b>name</b>	 <b>int</b>
 <b>totalQuantity</b>	 <b>int</b>
 <b>getThreshold()</b>	 <b>int</b>
 <b>setThreshold(int)</b>	 <b>int</b>
 <b>getTotalQuantity()</b>	 <b>int</b>
 <b>increaseTotalQuantity(int)</b>	 <b>void</b>
 <b>decreaseTotalQuantity(int)</b>	 <b>String</b>
 <b>getName()</b>	 <b>String</b>
 <b>equals(Object)</b>	 <b>boolean</b>





 <b>MenuItem</b>	 <b>String</b>
 <b>name</b>	 <b>double</b>
 <b>price</b>	 <b>double</b>
 <b>inventoryItem</b>	 <b>Map&lt;InventoryItem, Integer&gt;</b>
 <b>setQuantities(InventoryItem, int)</b>	 <b>void</b>
 <b>getName()</b>	 <b>String</b>
 <b>getInventoryItem()</b>	 <b>Map&lt;InventoryItem, Integer&gt;</b>
 <b>getPrice()</b>	 <b>double</b>
 <b>setPrice(double)</b>	 <b>void</b>
 <b>toString()</b>	 <b>String</b>

 <b>HandleDeliver</b>	 <b>void</b>
 <b>process(String[], Restaurant)</b>	 <b>void</b>

 <b>HandleReceive</b>	 <b>void</b>
 <b>process(String[], Restaurant)</b>	 <b>void</b>

 <b>HandleBill</b>	 <b>void</b>
 <b>process(String[], Restaurant)</b>	 <b>void</b>

 <b>HandleStatus</b>	 <b>void</b>
 <b>process(String[], Restaurant)</b>	 <b>void</b>

	<b>HandleOrder</b>	
	<b>process(String[], Restaurant)</b>	<b>void</b>
	<b>add_item(String[], Table, Restaurant)</b>	<b>ArrayList&lt;Object&gt;</b>
	<b>changes_to_menuItem(Order, String[], Restaurant)</b>	<b>void</b>