שאלה 1

# Functional Requirements

## Adding an order

* + 1. A person placing an order (henceforth called the End-user) shall enter the following information into the system, about the desired order:
       1. End-user's name
       2. Desired meal
       3. Date range of the order (can be a single date)
       4. Order type, and shipping address if the order type is shipping order
          1. An order type can be one of the following:

Shipping order –an address to which the order shall be delivered to.

Sit & Eat order – the End-user shall receive and consume the order inside the restaurant

* + - 1. Pay method – one of the following:
         1. Cash
         2. Credit card
         3. End-user's company
    1. When the End-user instructs the system to complete the order:
       1. If the order pay method is ‎1.1.1.5.1, then the system shall perform the following actions:
          1. The system shall add the order information to its database, and assign an order-id to the order
       2. If the order pay method is ‎1.1.1.5.2, then the system shall complete the transaction
          1. If the transaction cannot be completed, the system shall notify the End-user
          2. When the transaction is completed, the system shall perform ‎‎1.1.2.1.1
       3. If the order pay method is ‎1.1.1.5.3, then the system shall verify that:
          1. The company exists
          2. The End-user's name exists in the company
       4. If at least one of the conditions {‎1.1.2.3.1, ‎1.1.2.3.2} fails, then the system shall notify the End-user
       5. If both conditions {‎1.1.2.3.1, ‎1.1.2.3.2} pass, then the system shall perform ‎‎1.1.2.1.1
    2. When the system assigns an order-id to an order, it shall notify the End-user who placed the order, and display the order-id

## Removing an order

* + 1. An End-user shall enter the following information into the system, about the desired order:
       1. End-user's name
       2. Order-id
    2. If an order with this information exists in the system, then the system shall perform the following actions:
       1. If the order pay method is 1.1.1.5.2, then the system shall cancel the transaction
       2. The system shall remove the order from its database
       3. The system shall notify the user

## Editing an order

* + 1. An End-user shall enter the following information into the system, about the desired order:
       1. Order-id
       2. End-user's name
    2. If an order with this information exists in the system, then the system shall allow the End-user to change the following information about the order:

1. ‎1.1.1.2
2. ‎1.1.1.3
3. ‎1.1.1.4
4. ‎1.1.1.5
   * 1. When the End-user instructs the system to complete the order:
        1. If the order pay method was changed by the End-user:
           1. If the order pay method was ‎1.1.1.5.2, before the change, then the system shall cancel the transaction
        2. The system shall perform the actions from ‎1.1.2.1 (including) to ‎1.1.3 (excluding)