# **Bigmart ordering system**

## **Introduction:**

Since the food items like fruits, vegetables, bakery, dairy etc. are spoiled after a day or so these items should be treated differently from other items while replenishing. So this system is created in order to replenish these items in a more efficient way.

## **Basic Function:**

1. To calculate the total amount of an items required for the buyer team to buy them.
2. To clarify the amount of items to be allocated to different stores.
3. Store should set the remaining stock every day at the end of the day. This insures that these stocks are being monitored in a daily basis.

## **Users:**

1. **Store User:**
   1. Roles:
      1. To enter the current stock of the items at end of each day.
      2. If the store user is not satisfied with the order amount generated, they can change it by adjusting the current stock amount (not directly).
2. **Buyer user/Warehouse user:**
   1. Roles:
      1. To calculate the total amount of goods required.
      2. To buy the required goods.
      3. To allocate the goods to stores according to the order.
      4. Can enable and disable order from specific stores.

## **Departments**:

This system is for a specific department i.e. Food and vegetable Department. Divisions under this department are as follows:

1. **Fresh vegetables and bakery.**

**Calculation:**

* In this division the amount to be delivered should be calculated in such a way that the stock is enough for that day only. (i.e. the stock is zero by the end of the day)
* The sale rate for a specific day is calculated by averaging the sales of that day only for the past specified weeks

1. **Fruits and certain veggies**

**Calculation**

* In this division the amount to be delivered should be calculated in such a way that the stock at the end of the day will be close to its MBQ.