

Contracts

UC1: הוצאת הזמנה תקופתית מספק

createPeriodicOrder()

Operation:Cross createPeriodicOrder ()

References: Periodic order from the supplier

Preconditions: 1. There are agreements in the system.

PostConditions: 1. An orderFromSupplier instance was created without products.

2. OrderFromSupplier's attributes: supplier, id - were initialized.

3. OrderFromSupplier's attribute priceBeforeTotalDiscount was initialized to 0.

4. PeriodicOrder instance was created with the attributes: OrderFromSupplier, dayForInvite and Id.

buildProductsList()

Operation:Cross buildProductsList ()

References: Periodic order from the supplier

Preconditions: 1. New orderFromSupplier was created without products.

2. PeriodicOrder instance was created with the attributes: OrderFromSupplier, dayForInvite and Id.

PostConditions: 1. orderFromSupplier's products list was initialized.

2. PeriodicOrder saved in the system.

UC2: הוצאת הזמנה מספק עקב חוסר

CreateOrderReport(String)

Operation:Cross CreateOrderReport(String)

References: Order from supplier due to shortage

Preconditions: The user must enter reporter's name

PostConditions: 1. An order report instance was created.
2. Attributes of the order report were initialized.
3. The order report is printed to the screen.
4. The order report is added to the ReportController.

makeOrderForLastReport()

Operation:Cross makeOrderForLastReport()

References: Order from supplier due to shortage

Preconditions: 1. Order report was created
2. The user chose "yes" - to make an order.

PostConditions: 1. order report was sent to make new reservation.

makeOrderFromOrderReport(OrderReport)

Operation:Cross makeOrderFromOrderReport(OrderReport)

References: Order from supplier due to shortage

Preconditions: 1. An order report was received.
2. The list of barcodes and list of amounts are not empty.

PostConditions: 1. Create a list of generic products according to the barcodes received.

createProductsSupplierArray()

Operation:Cross createProductsSupplierArray()

References: Order from supplier due to shortage

Preconditions: 1. The list of generic products and list of amounts are not empty.

PostConditions: 1. A list of potential suppliers that answer the requirements (provide products in minimum time and minimum split in the reservation) was created.
2. initialize MustBuyOrders attribute (supplier that I must buy from them).

generateCombinations(int [] start, int [] end, int[] current, int index)

Operation:Cross generateCombinations(int [] start, int [] end, int[] current, int index)

References: Order from supplier due to shortage

Preconditions: 1. A list of potential suppliers that answer the requirements .

2. initialize MustBuyOrders attribute.

PostConditions: 1. The optimal order was chosen by UpdateTheBestOrder method.

2. The order was invite.