User's Guide to Delivery Program

1. Setup

    a. When the system starts up it will immediately ask if you'd like to automatically set up data or set it manually.
    If you'd like an automatic set-up, enter "y". Otherwise, enter "n".
    Notice: once the system is set up there's no going back!

    b. If you chose an automatic setup, the setup will be as described at the end of this guide under "Automatic Setup".

    c. If a manual setup is chosen, the system will present a menu of items you can add. Choose the item and enter its details in the requested format. Notice: if you fail to follow the format, the item will not be accepted. You can only add items to the system and these items can't be changed.

2. Receiving Supplies and Creating Deliveries

    a. Once setup is complete, you can start receiving supplies and creating deliveries.

    b. If an independent supplier has given you new supplies, you can add them to the system by choosing "1" at the menu. The program will ask for the name of the supply and the quantity to add.

    c. To create a delivery, choose option "2". The system will ask you questions and provide the format in which to enter the information about the delivery.

        i. The final step of creating a delivery is creating a delivery document (List of products for a destination). You can create as many delivery documents as you'd like as long as they are valid

        ii. If you don't follow the format requested for the document, the system will not create the document and print a suiting message.

        iii. When you finish entering the data for one document, the program will ask if you'd like to make another one. If you choose "y", the process will continue. Otherwise no more documents will be added to the delivery.

        iv. When you're done giving all the information needed, the delivery will be created. If the system doesn't have enough of the supplies to deliver or one of the destinations doesn't exist, an error message will be printed and the document will not be added to the delivery.

        v. A delivery will not be created if no document is provided.

d. If the delivery was created successfully, it will immediately be executed. Whenever the delivery arrives at a destination, the system will ask if any supplies should be picked up.

    i. If you choose "y", the system will ask for the supplies and quantities to pick up.

e. The system will continuously ask if you'd like to add supplies or create a delivery until you choose to quit. To quit the system enter "3".

3. Automatic Setup

a. Supplies:

    i. Supply Name: First   Quantity: 2

    ii. Supply Name: Second   Quantity: 5

    iii. Supply Name: Third   Quantity: 10

b. Drivers:

    i. Name: Moshe   Licenses: Mazda, Toyota

    ii. Name: Joseph   Licenses: Mercedes

c. Sections:

    i. Section 1: Super Lee, Lee Office

    ii. Section 2: Shufersal, Max Stock, Best Buy

    iii. Section 3: Mega, Costco

d. Locations:

    i. Address: Super Lee, Phone No: 052, Associate: Haim

    ii. Address: Lee Office, Phone No: 058, Associate: Romi

    iii. Address: Shufersal, Phone No: 054, Associate: Tony

    iv. Address: Max Stock, Phone No: 050, Associate: Ziv

    v. Address: Best Buy, Phone No: 055, Associate: Tomer

    vi. Address: Mega, Phone No: 053, Associate: Sivan

    vii. Address: Costco, Phone No: 057, Associate: Gali

e. Trucks:

    i. Truck ID: 1, Plate: 111, Neto Weight: 1000, Max Weight: 4000, Type: Mazda

    ii. Truck ID: 2, Plate: 222, Neto Weight: 1200, Max Weight: 7000, Type: Toyota

    iii. Truck ID: 3, Plate: 333, Neto Weight: 1100, Max Weight: 5500, Type: Mercedes

    iv. Truck ID: 4, Plate: 123, Neto Weight: 2000, Max Weight: 4000, Type: Mazda