

Instructions for using the transport module cmd app

The main menu is:

```
=====
Welcome to the Transport Module!
Please select an option:
1. Manage transports
2. Manage item lists
3. Manage transport module resources
4. Generate data
5. Exit
>> |
```

We use an intuitive multiple choice menu for reaching all the app's functionality. in order to enter a menu, enter the number and click enter.

The menus for managing transports and item lists are available from the main menu. however, in order to reach the menus to manage sites, drivers and trucks you will need to go into the "Manage transport module resources" menu, which will reveal further menus which are nearly identical to the other managing menus:

There are explanations printed in place for every functionality that requires user input.

```
Transport module resources management
Please select an option:
1. Manage sites
2. Manage drivers
3. Manage trucks
4. Return to main menu
>> |
```

Generated data:

```
=====
All drivers: Drivers
=====
Employee ID: 3456
Name: david lee
License type: C3
=====
Employee ID: 1234
Name: megan smith
License type: A1
=====
Employee ID: 7890
Name: sarah kim
License type: C3
=====
Employee ID: 9012
Name: emily chen
License type: C2
=====
Employee ID: 5678
Name: john doe
License type: B2
=====
```

```
=====
All sites: Sites
=====
Transport zone: zone c
Address: 789 elm st
Phone number: (555) 345-6789
Contact name: bob johnson
Site type: SUPPLIER
=====
Transport zone: zone b
Address: 456 oak ave
Phone number: (555) 234-5678
Contact name: jane doe
Site type: LOGISTICAL_CENTER
=====
Transport zone: zone d
Address: 246 maple st
Phone number: (555) 456-7890
Contact name: mary jones
Site type: BRANCH
=====
Transport zone: zone a
Address: 123 main st
Phone number: (555) 123-4567
Contact name: john smith
Site type: BRANCH
=====
Transport zone: zone e
Address: 369 pine ave
Phone number: (555) 567-8901
Contact name: tom smith
Site type: LOGISTICAL_CENTER
=====
```

```
=====
All trucks: Trucks
=====
License plate: jkl012
Model: honda
Base weight: 3000
Max weight: 25000
Cooling capacity: FROZEN
=====
License plate: def456
Model: chevy
Base weight: 2000
Max weight: 15000
Cooling capacity: COLD
=====
License plate: mno345
Model: nissan
Base weight: 3500
Max weight: 30000
Cooling capacity: FROZEN
=====
License plate: abc123
Model: ford
Base weight: 1500
Max weight: 10000
Cooling capacity: NONE
=====
License plate: ghi789
Model: toyota
Base weight: 2500
Max weight: 20000
Cooling capacity: COLD
=====
```

Item Lists:

===== All item lists:

Item list ID: 1001
Items loading list:
 pants : 15
 shirts : 20
 socks : 30
Items unloading list:
 gloves : 20
 hats : 5
 jackets : 10

Item list ID: 1002
Items loading list:
 pencils : 50
 notebooks : 20
 erasers : 30
Items unloading list:
 highlighters : 25
 markers : 15
 pens : 40

Item list ID: 1003
Items loading list:
 smartphones : 20
 tablets : 10
 laptops : 5
Items unloading list:
 printers : 6
 desktops : 8
 monitors : 12

Item list ID: 1004
Items loading list:
 celery : 20
 broccoli : 10
 carrots : 15
Items unloading list:
 tomatoes : 12
 peppers : 8
 cucumbers : 18

Item list ID: 1005
Items loading list:
 nails : 1000
 bolts : 750
 screws : 500
Items unloading list:
 washers : 800
 clamps : 900
 anchors : 600

Transports part 1:

=====
All transports:
Transport id: 2001
Date: 2023-04-05
Time: 08:30
DriverId: 1234
TruckId: abc123
Weight: 10000
Source: Trn. zone: zone a | Address: 123 main st | Phone: (555) 123-4567 | Contact: john smith | Type: BRANCH
Destinations:
 Trn. zone: zone b | Address: 456 oak ave | Phone: (555) 234-5678 | Contact: jane doe | Type: LOGISTICAL_CENTER (items list id: 1001)
 Trn. zone: zone c | Address: 789 elm st | Phone: (555) 345-6789 | Contact: bob johnson | Type: SUPPLIER (items list id: 1002)

Transport id: 2002
Date: 2023-04-07
Time: 12:00
DriverId: 5678
TruckId: def456
Weight: 15000
Source: Trn. zone: zone b | Address: 456 oak ave | Phone: (555) 234-5678 | Contact: jane doe | Type: LOGISTICAL_CENTER
Destinations:
 Trn. zone: zone a | Address: 123 main st | Phone: (555) 123-4567 | Contact: john smith | Type: BRANCH (items list id: 1003)
 Trn. zone: zone d | Address: 246 maple st | Phone: (555) 456-7890 | Contact: mary jones | Type: BRANCH (items list id: 1004)

Transport id: 2003
Date: 2023-04-10
Time: 09:30
DriverId: 9012
TruckId: ghi789
Weight: 20000
Source: Trn. zone: zone c | Address: 789 elm st | Phone: (555) 345-6789 | Contact: bob johnson | Type: SUPPLIER
Destinations:
 Trn. zone: zone a | Address: 123 main st | Phone: (555) 123-4567 | Contact: john smith | Type: BRANCH (items list id: 1002)
 Trn. zone: zone e | Address: 369 pine ave | Phone: (555) 567-8901 | Contact: tom smith | Type: LOGISTICAL_CENTER (items list id: 1005)

```
-----
Transport id: 2004
Date: 2023-04-12
Time: 14:00
DriverId: 3456
TruckId: jkl012
Weight: 25000
Source: Trn. zone: zone d | Address: 246 maple st | Phone: (555) 456-7890 | Contact: mary jones | Type: BRANCH
Destinations:
  Trn. zone: zone b | Address: 456 oak ave | Phone: (555) 234-5678 | Contact: jane doe | Type: LOGISTICAL_CENTER (items list id: 1004)
  Trn. zone: zone c | Address: 789 elm st | Phone: (555) 345-6789 | Contact: bob johnson | Type: SUPPLIER (items list id: 1001)
  Trn. zone: zone e | Address: 369 pine ave | Phone: (555) 567-8901 | Contact: tom smith | Type: LOGISTICAL_CENTER (items list id: 1003)
-----
Transport id: 2005
Date: 2023-04-15
Time: 10:00
DriverId: 7890
TruckId: mno345
Weight: 30000
Source: Trn. zone: zone e | Address: 369 pine ave | Phone: (555) 567-8901 | Contact: tom smith | Type: LOGISTICAL_CENTER
Destinations:
  Trn. zone: zone d | Address: 246 maple st | Phone: (555) 456-7890 | Contact: mary jones | Type: BRANCH (items list id: 1002)
-----
```

Transports part 2: