Second scenario: Completing a delivery-
After adding the delivery from the first scenario, the user added the item "milk" with quantity 10000000 to destination 2 (id) of delivery1. After the arrival of the truck to destination 2, the user updated the weight of the truck to 30 kg.

:LoginPage —opens→ **:MenuPage** —opens→

presenting

:Response<Integer>
-status= true
-message= ""
-data= 0

:Gateway

<<creates>>

:UserTreminal
-sc= new Scanner(System.in)

presenting

service:DeliveryService

contains

contains

trucksController:TrucksController
-licenseMapper={<LicenseType.C,Integer.MAX_VALUE>,
<LicenseType.C1, 12000>}

sitesController:SitesController
-nextId:3

manages

uses

contains

uses

:TruckDAO
-tableName="Trucks"
+path=":database.db"
-trackCache =
{<1000001,t1>}

driversController:DriversController

deliveriesController:DeliveriesController
-nextDeliveryId:2

uses

:SiteDAO
-tableName="Sites"
+path=":database.db"
-siteCache =
{<1,s1>,<2,b1>}
-maxId = 2

manages

manages

stores

t1:Truck
-plateNum=1000001
-model="small truck"
-maxWeight: 9000

:DriverDAO
-tableName="Drivers"
+path=":database.db"
-driverCache =
{<200000001,d1>}

:DeliveryDestinationItemsDAO
-tableName=
"DeliveryDestinationsItems""
+path=":database.db"
-DeliveryDestinationsItemsCache ={}

manages

stores

s1:SupplierWarehouse
-id= 1
-address= "Haifa"
-phoneNumber= "054-0000001"
-contactName= "supplier1"

stores

:LicenseType
-C1

stores

:DriverDAO stores

d1:Driver
-id=200000001
-name="c1 driver1"

:DeliveryDestinationDAO
-tableName=
"DeliveryDestinations"
+path=":database.db"
-deliveryDestinationCache =
{<1,{2}>}

manages

b1:Branch
-id= 2
-address= "Dimona"
-phoneNumber= "054-0000006"
-contactName= "branch4"

possesses

manages

located at

:DeliveryArchiveDAO
-tableName=
"DeliveryArchive"
+path=":database.db"
-deliveryArchiveCache ={<1, "Delivery id: 1
* Driver name: c1 driver1
* Driver id: 200000001
* Truck plate number: 1000001
* Start time: 13-10-2023 13:10
* End time: 13-10-2023 15:10
* Origin: Haifa
* Weight: 30
* Destinations:
** Destination id: 2, Address: Dimona
*** Items:
**** Item name: milk, Quantity: 10000000">}
-maxId = 1

:UpcomingDeliveryDAO
-tableName=
"UpcomingDeliveries"
+path=":database.db"
-UpcomingDeliveryCache =
{}
-maxId = 1

:DeliveryZone
North

:DeliveryZone
South

located at