Contracts:

|  |  |
| --- | --- |
| **9)**  **Contract name:** Drop at Stores.  **Pre-conditions:**  -The supplier that was suppose to load the products to the truck has done it successfully.  **Post-conditions:**  - Truck is unloaded with products.  - Truck weight has been modified.  -Order Document is moved to finished orders.  **2)**  Validate date **Contract name:**  **Pre-conditions:**  - Date of the transit is today  - Valid transit Id  **Post-conditions:**  -Set departure time of transit to now. | **4)**  Pickup at suppliers **Contract name:**  **Pre-conditions:** - no overloading of the truck.  **Post-conditions:**  - Truck is loaded with products.  - Truck weight has been modified.  -Transit Weight at exit from each supplier has been modified.  **3)**  Validate StoreKeeper **Contract name:**  **Pre-conditions:** - StoreKeepers work at every Store in this transit.  **Post-conditions:**  - validation of StoreKeeper.  -Truck begins transit from Parking.  **1)**  Validate Transit id **Contract name:**  **Pre-conditions:**  - transit id is valid  **Post-conditions:** -validation of date |

**6)**

**Contract name:** replace truck and driver

**Pre-conditions:**- Overweight truck.

-Available truck in the logistic center.

-the available truck is big enough to load the entire overweighted products.

-Qualified driver in the logistical center.

**Post-conditions:**

- new truck is replacing the current truck.

-transferring products from current truck to new truck.

-new driver is replacing the current driver.

**5)**

**Contract name:** Overweight

**Pre-conditions:**- truck carry weight is over the maximum weight.

**Post-conditions:**

- transit has continued after manager interferes.

-transit record overweight is set to true.

**10)**

**Contract name:** Save Transit Record

**Pre-conditions:**- Transit finished.

**Post-conditions:**

- A transit record has been created with exit weight of each supplier.

**7)**

**Contract name:** delete products from order

**Pre-conditions:**- Overweight truck.

**Post-conditions:**

- products from the current order has been removed.

-truck is no longer overweighted.

-truck weight has been modified.

**8)**

**Contract name:** remove order from transit

**Pre-conditions:**- Overweight truck.

**Post-conditions:**

- removed order from transit.

-truck is no longer overweighted.

-truck weight has been modified.