

Detailed UseCase – Create Transport

Textual Description:

When there is a shortage of products in the branches, transportation is required in order to collect products and distribute them in the desired branches

List of actors:

- Transport Manager

Pre-conditions:

- Branches that need supplies.
- Suppliers that hold the relevant product.
- Driver to drive the truck.
- Warehouse keeper to receive the supply at the branch.

Post-conditions:

- A truck left on time for transport.
- the truck can carry the weight of the products.
- the driver has a suitable license to drive the truck.
- the truck arrived to all of the destination.

Main success Scenario:

1. The Transport Manager of the transports chooses the option of creating a new transport
2. The Transport Manager of the transport selects the transport documents that he wants to attach to the transport.
3. The Transport Manager of the transports chooses the time and date on which the transport will depart
4. The Transport Manager of the transports selects the truck with which the transport will take place
5. The transport manager selects the driver who will carry out the transport

6. The Transport Manager of transport selects one supplier or several suppliers
7. The Transport Manager of the transportation selects an area for the stores to carry out the transportation
8. Then the transport was recorded successfully

Sequence Diagram – Successful Scenario:

See attached file: **Adding Transport Sequence - Successful scenario.PDF**

Alternative and Extensions Scenario:

1. The Transport Manager of the transports chooses the option of creating a new transport
2. The Transport Manager of the transport selects the transport documents that he wants to attach to the transport.
3. If the transport manager selects a transport document that does not exist, the transport is canceled and he returns to the main screen.
4. The Transport Manager of the transports chooses the time and date on which the transport will depart
5. If the transport manager selects a date which expired, the transport is canceled and he returns to the main screen.
6. The Transport Manager of the transports selects the truck with which the transport will take place
7. If the transport manager selects a truck that cannot carry the weight of the products, the transport is canceled and he returns to the main screen.
8. The transport manager selects the driver who will carry out the transport
9. If the truck manager selects a driver whose license does not fit the selected truck, the truck is canceled and he returns to the main screen.
10. The Transport Manager of transport selects one supplier or several suppliers
11. If the transport manager selects a supplier who is not in the system, the transport is canceled and he returns to the main screen.
12. The Transport Manager of the transportation selects an area for the stores to carry out the transportation
13. If the transport manager selects a transport area that does not exist in the system, the transport is canceled and it returns to the main screen.
14. Then the transport was recorded successfully

Sequence Diagram – Alternatives and extensions:

See attached file: **Adding Transport Sequence - extensions.PDF**