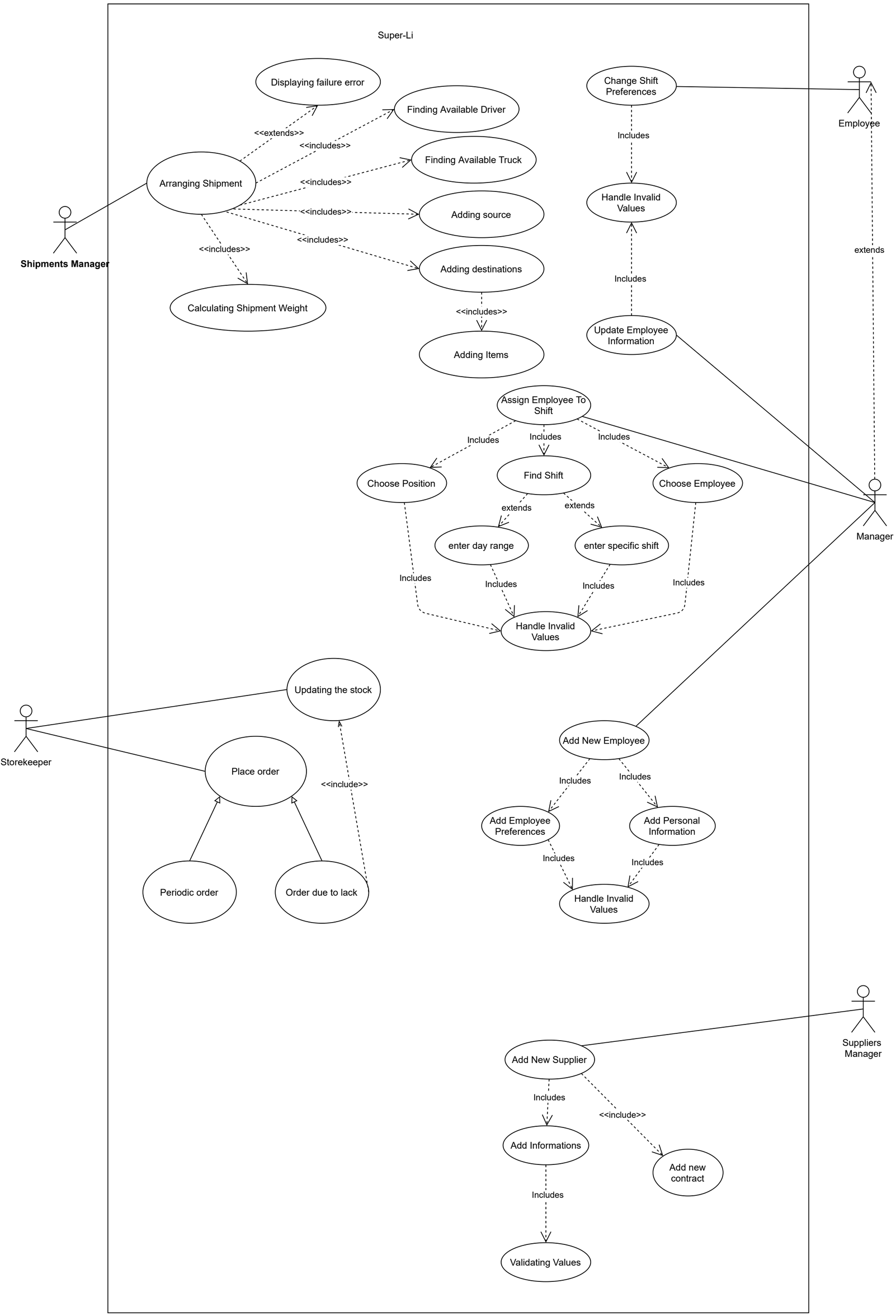

Assign Employee To Shift

A manager finds the shift he wants to assign employees to and enters the ID of the employee. Now the employee is assigned to the shift until a manager removes him from it.

Manager

pre-condition:
- shift exists
- Employee exists (anyone)
- Employee not assigned to shift

post-condition:
- Employee assigned to shift

Main success scenario as pseudo code:
1. Manager chooses the "ViewShift" option.
2. Manager chooses the shift by entering a specific shift.
3. Manager chooses to assign an employee to the shift.
4. Manager chooses a role to assign to the shift.
5. Manager chooses to see only the available employees.
6. Manager chooses the employee from the list shown to him.
Now the employee is assigned to the shift.

Alternatives/Extensions as pseudo code:
1. Manager chooses the "ViewShift" option.
2. Manager chooses the shift by a range of days and then picking one from the list
3. Manager chooses to assign an employee to the shift.
4. Manager chooses a role to assign to the shift.
5. Manager chooses to see all of the available employees.
6. Manager chooses the employee from the list shown to him.
Now the employee is assigned to the shift.

Arranging shipment

Arranging new shipment from specific source to one or more destination, also specifying the products for each destination such as item name, weight, amount. It automatically finds available driver and truck and arranges the shipment.

Shipment's Manager, Truck, Driver

pre-condition:
- Available Truck
- Available Driver
- Legal Shipment Weight
- Legal Driver's License

post-condition:
- Shipment details saved in the system.
- Truck & Driver are not available within the shipments time.
- One or more numbered document created for the destinations.

Main success scenario as pseudo code:
1. Shipment Manager adds new locations to be the source or the destinations.
2. Shipment Manager chooses "Arrange Shipment" option from menu.
3. He enters the date and the departure hour of the shipment.
4. He chooses source of the shipment.
5. He chooses the destination.
6. He enters item details for that destination.
7. May repeat for another destination.
8. The system accepts all the data and finds available driver and truck.
9. Finally, the shipment is saved in the system.

Alternatives/Extensions as pseudo code:

#1

1. Shipment Manager chooses "Arrange Shipment" option from menu.
2. He enters a date and departure hour of the shipment.
3. He chooses source and destination and enters the items etc.…
4. The system processes the data.
   4.1 The system display error that there is no available driver with the legal license.
5. The Manager chooses "exit" option and exist the program.

#2

1. Shipment Manager chooses "Arrange Shipment" option from menu.
2. He enters a date and departure hour of the shipment.
3. He chooses source and destination and enters the items etc...
4. The system processes the data.
   4.1 The system display error that the source is the same as the destination.
5. The Manager chooses "exit" option and exist the program.