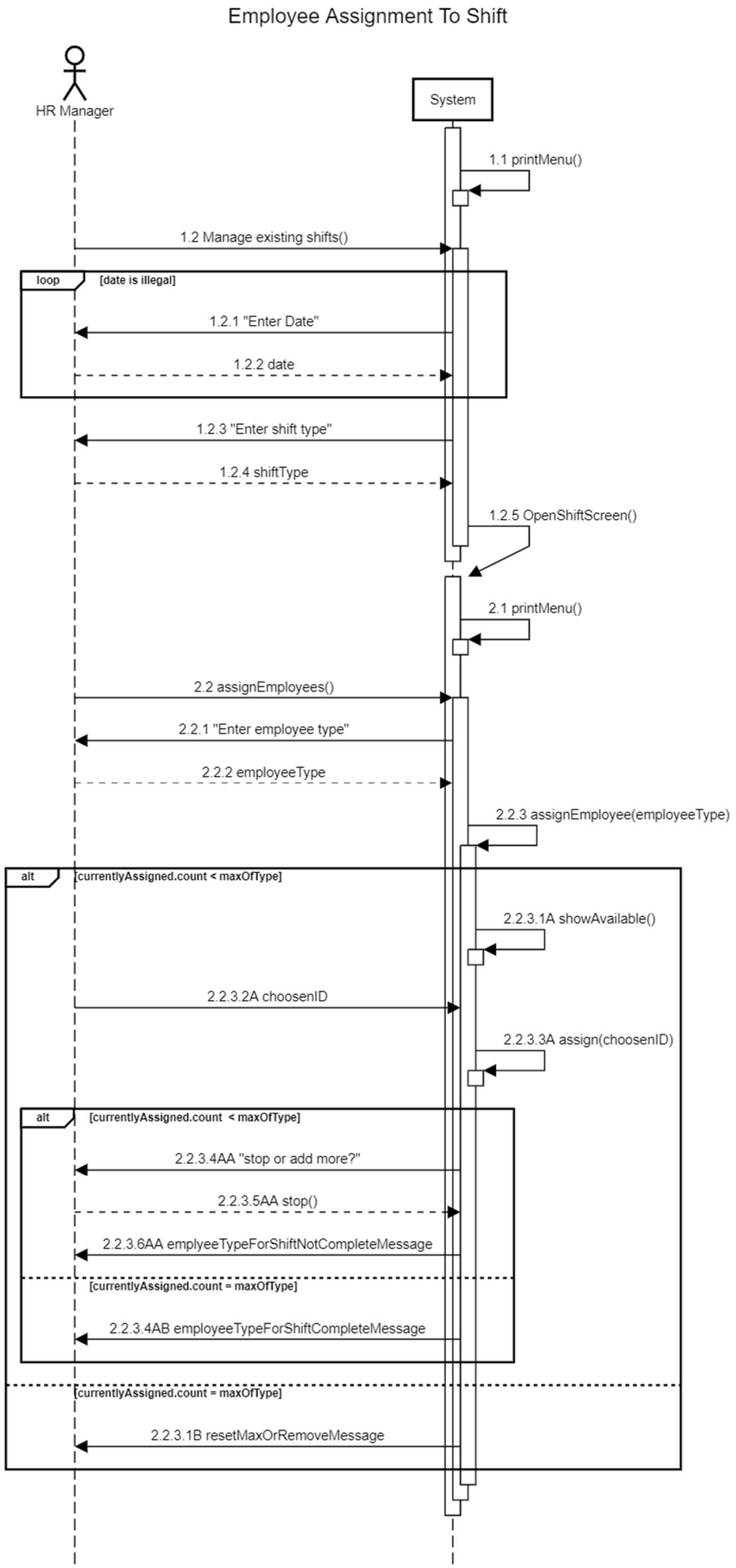
Detailed Use Cases:

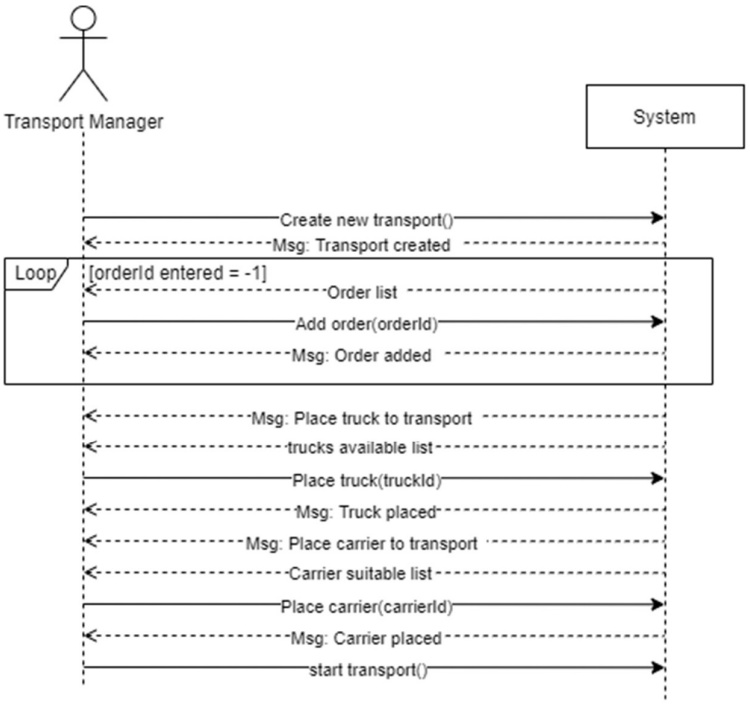
Use case name	Assigning-Employee-to-Shift
Textual Description	The HR manager assigns a specific employee to a specific shift.
List of Actor	HR Manager
Pre-Conditions	The HR manager is in the ShiftMenu, The shift must exist in the system; The employee has to have a constraint matching shift date and type; The employee must not be assigned to the shift
Post-Conditions	The shift has the employee assigned to it; the database includes a record which details the assignment
Main success scenario	1) The HR manager chooses the shift through the ShiftMenu 2) The HR manager chooses to add to the shift employees of the type of the wanted employee 3) System validates number of already assigned employees of chosen type is less than set max number for this type 4) System shows available employees for chosen shift of chosen type 5) HR Manager chooses the employee out of the list of available employees 6) System checks new number of currently assigned to set max 7) HR Manager stops the assignment process
Alternative/Extensions	3') Number of assigned employees matches set number 4') System notifies HR manager of the situation and offers to reset the number of employees for the shift or remove already assigned employee
	7'') System stops the assignment process

Use case name	Carrying out transport
Textual Description	Creating and carrying out a transport.
List of Actor	Transport manager and Carrier
Pre-Conditions	There is an order for transportation. An available truck exists for the time of the transportation. A carrier with a suitable license for this truck and with a constraint for the shift time. There are sources and destinations of transportation
Post-Conditions	In the completed transports archive the order exist. The truck and driver will be available for other transports
Main success scenario	**1)** Transport Manager create new transport. **2)** Transport manager adds transport-orders to the transport. **3)** Transport manager chooses truck for the transport. **4)** Transport manager chooses carrier suitable for this transport. **5)** The carrier updates the destination-document for each destination visited, the change is saved in the archive. 6) When the carrier finishes his ride the transport is marked as finished in the transport-document, the change is saved in the archive.
Alternative/Extensions	In case the truck enters overweight state an alert will be sent to the carrier and a redesign of the transport will be performed. The transport will end and start over.

When assigning an employee to a shift the system will interact with the manager in order to produce identifying data for the shift and the employee. The system will assign and save the assignment in the system if conditions are met.



When we want to create transport, the transport manager need to assign the orders of the transport, a truck and a carrier for the transport, and then he can start the transport



When the transport starts the carrier updates when he arrives to the next location. If he arrive to source and the truck is in overweight we start redesign and stop the transport. For every destination that the carrier arrives the driver get destination document for this destination and at the end gets the transport document.