TPM – Transport Manager

HRM – Human resource Manager

Sequence 1:

1. The TPM logins into the system using his ID
2. The TPM requests to schedule a new Delivery to Monday next week.
3. The System requests details of the Transport. The Date: 01, departure time, arrival time, driver's name, source of the delivery, destination, docs info, and truck weight in ton.
4. The TPM fills in the requested details
5. The Shift Controller Checks if a driver that is available on shift during the delivery hours. The Shift Controller did not find any driver on shift during those hours that meets the criteria.
6. The Shift Controller Changes the recommended lineup for the upcoming shift on Monday Morning, incrementing the number of drivers with the fitting license needed, by one.
7. If no storekeeper in the recommended lineup of the shift In the Destination's location, the Shift Controller inserts that 1 storekeeper to the recommended line up.
8. The TPM Logs out.

Sequence 2:

1. HRM logs in.
2. On Thursday, HRM creates shifts.
3. The Employee controller returns lists of all available workers (considering personal constraints) for the jobs needed.
4. The Shift controller Assigns workers automatically in according to the recommended line up of the shift and succeeds.
5. HRM logs out
6. TPM logs in
7. after the shifts have been made, the TPM requests to assign drivers to the upcoming deliveries.
8. The TP controller automatically Assigns driver to the delivery from the drivers on duty and that are available during the delivery hours.
9. TPM logs out.