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| **Use Case ID** | FR3.4 |
| **Use Case Name** | Manage Delivery Schedule |
| **Actor** | Logistics Manager |
| **Description** | How the logistics manager generates and manages delivery schedules to make sure all customer orders are delivered on time. |
| **Pre-conditions** | * The system must contain confirmed customer orders. * The logistics manager must be logged into the system. |
| **Main Flow** | 1. The logistics manager logs into the system. 2. The manager navigates to the "Delivery Schedule Management" section. 3. The system displays a list of pending and confirmed customer orders. 4. The logistics manager selects orders to include in a new or existing delivery schedule. 5. The system suggests optimal delivery routes and times based on customer locations and vehicle availability. 6. The logistics manager reviews and confirms the delivery schedule. 7. The system saves the delivery schedule and notifies relevant warehouse and transport staff. |
| **Post-conditions** | * Delivery schedules are successfully created, updated, or managed. * The system stores the updated delivery information |
| **Alternative Flow** | * If there are missing or delayed orders, the system displays an alert and allows the manager to reschedule deliveries. * If no delivery vehicles are available, the system suggests rescheduling options. |
| **Exceptions** | * System error while saving schedule. * Network or database connection failure. |