Event Table

| S. no. | Event | Trigger | Source | Use Case | Response | Destination |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Issue a bill for the consignment. | Consignment arrives at the transport company office. | Manager | Billing and update consignment details. | The volume, senders address and destination address are registered in the database and the bill of the consignment is calculated. | Manager |
| 2 | Allot next truck | When the total volume of the truck exceeds 500 cbm, then the next truck is allotted. | Manager | Allocating truck. | A new a truck with a new truck id is allocated for the consignments to be transported in and the truck id is printed. | Manager |
| 3 | Print consignment details | When a truck is ready for dispatch, i.e., all the consignments in it are ready for dispatch. | Manager | Print details of consignment and truck on availability before dispatch. | All the details including consignment id, volume, senders address and name, receivers address and name, truck id are printed. | Manager |
| 4 | Print Consignment details and current whereabouts | When the manager queries for details of the consignments | Manager | Facility for the manager to check Consignment details. | Status of any particular consignment and the details of volume of consignments handled to any particular destination and the corresponding revenue is generated. | Manager |
| 5 | Order a new truck. | When the average wait time of a consignment exceeds the threshold waiting time, then a new truck is ordered. | Manager | Order new Truck | A new truck is ordered by the manager whose truck id is printed on screen. | Manager |
| 6 | Print average idle time of a truck | When the manager queries for the average waiting time of a truck id. | Manager | Average Waiting Time of a truck at a branch. | Calculate the average idle time for a truck  Id and print it. | Manager |