## Use Case Specification

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| --- | --- |
| Name | Maintain Inventory |
| id | 3 |
| Scope | Automotive Parts Ordering System |
| Priority | High |
| Summary | Allows Employee (Receiving) to accept shipments and update inventory in the system. |
| Primary Actor | Employee (Receiving) |
| Supporting Actor(s) | Parts Database |
| Stakeholders |  |
| Generalization |  |
| Include |  |
| Extend |  |
| Precondition | New Shipment arrives at warehouse |
| Trigger |  |
| Normal Flow | 1. Employee (Receiving) receives shipment invoice. 2. Employee (Receiving) enters part number on shipment invoice. 3. System queries Parts Database with part number. 4. Parts Database acknowledges part number is part of catalog. 5. Employee (Receiving) updates quantity in system. 6. System acknowledges change to inventory. 7. System prompts for next Item.    1. Repeat steps 2 through 7 until complete 8. Employee (Receiving) selects “Complete Receiving Shipment.” 9. System acknowledges shipment completion. |
| Sub-Flows | Parts do not exists in Parts Database  4.1 Parts Database advises Employee (Receiving) Part not found.  4.2 Employee (Receiving) acknowledges alert.  4.3 System prompts for and awaits next received part entry.  4.4 Employee (Receiving) sends non-stocked items back as a return.  4.5 Resume normal flow at 2. |
| Alternate Flow/Exceptions |  |
| Postcondition | Human error entering part number or quantity |
| Open Issues |  |
| Source | Statement  Stakeholders |
| Author | Group 1 |
| Revision and Date | Rev 1.2 2/25/2015 |