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| **Use Case Name:** Managing Inventory | **ID:** 3 | **Importance level:** High |
| **Primary Actor:** Inventory Manager | **Use Case Type:** Overview, Essential | |
| **Stakeholders and Interests:**  The inventory of the company is managed and controlled by the Inventory manager. The inventory manager reviews the orders from the customers and also updates the order accordingly. And, if required the inventory manager also places new orders to the manufacturers accordingly. | | |
| **Brief Description:**  How the inventory is organized and managed in the company is described in this case. | | |
| **Trigger:** When a sale is initiated by a car dealership or new product is launched and if there is a requirement unavailability.  **Type:** Internal | | |
| **Relationships:**  **Association:** Inventory manager | | |
| **Normal Flow of Events:**   1. A sale is initiated by the car dealership, when a customer selects a car. 2. Inventory manager raises a request to update the inventory. 3. The inventory update request is approved by the Financial Manager. 4. A new order is placed to the manufacturers by the Inventory Manager. 5. The inventory stock is updated accordingly by the Inventory Manager. | | |
| **Sub-flows:**  **S1:** If there is an unavailability of a car in the internal stock.  A request is raised for the inventory by the Sales Manager as per the customer requirement. If there is unavailability of the product in the inventory, the Inventory Manager will raise a request for updating the inventory.  **S2:** Customer selects a trade-in option.  Once the trade-in is approved by the Inventory Manager, the vehicle is added to the internal inventory. | | |
| **Alternative/Exceptional Flow:** | | |

**Activity Diagram**

