3-***Managing Inventory:***

| **Field Name** | **Description** |
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| UC Name | Managing Inventory |
| Summary | This use case involves the inventory manager accessing a comprehensive dashboard to view all cars currently in stock. The dashboard displays relevant information such as make, model, condition, availability, and price. The manager can filter and search through the inventory based on different criteria. |
| Dependency | None (this use case does not depend on other use cases). |
| Actors | Primary Actor: Inventory Manager |
| Predictions | The system must be operational and accessible to the inventory manager. |
| Preconditions | The inventory manager must be authenticated and authorized to access the system. |
| Description of Main Sequence | 2. The dashboard displays a list of all cars currently in stock, along with relevant information such as make, model, condition, availability, and price.  3. The manager utilizes filtering and search functionalities to narrow down the inventory based on criteria such as make, model, condition, and availability.  4. The system updates the displayed inventory in real-time as per the manager's filtering and search criteria. | |
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| Non-functional requirements | Performance: The system should provide fast response times when loading and updating inventory data.  Security: Access to the inventory management dashboard should be restricted to authorized inventory managers only.  Usability: The dashboard should be user-friendly and intuitive, facilitating easy navigation and data exploration for the inventory manager. |
| Postconditions | The inventory manager successfully views and manages the inventory based on their filtering and search criteria.s |