1-Adding New Cars

| **Field Name** | **Description** |
| --- | --- |
| UC Name | Adding New Cars |
| Summary | This use case involves the inventory manager adding new cars to the system by providing relevant details such as make, model, condition, etc., through a dedicated interface or dashboard. |
| 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 | 1. The inventory manager accesses the dedicated interface or dashboard.  2. The manager inputs relevant details about the new car, including make, model, condition, body type, transmission type, fuel type, build date, description, price, and pictures.  3. The system validates the input data to ensure completeness and accuracy.  4. If the validation is successful, the new car is added to the inventory.  5. If validation fails, the system prompts the manager to correct any errors in the input data. | |
| Description of Alternative Sequence | None (no alternative sequences defined for this use case). |
| Non-functional requirements | Performance: The system should be able to handle concurrent requests from multiple inventory managers efficiently.  Security: Access to the interface or dashboard for adding new cars should be restricted to authorized inventory managers only.  Usability: The interface or dashboard should be user-friendly and intuitive, facilitating easy data entry for the inventory manager. |
| Postconditions | The new car is successfully added to the inventory if validation is successful |