

USE CASE DOCUMENT
<DYNASTY CARS INVENTORY SYSTEMS>

DYNASTY CARS
STREET ADDRESS
CITY, STATE ZIP CODE

7-11-2020

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INTRODUCTION

The Use Case Document is a business document that provides a story of how our inventory system will be used to allow guests and admins to search for vehicles on Dynasty Cars' lot. This document will include a detailed step-by-step description of how the system will be used by its actors as well as details on actors, preconditions, post-conditions, flow and alternative flows, exceptions, and requirements.

USE CASE

Name of Use Case:	Car Inventory Use Case Document		
Created By:	Leo Parker	Last Updated By:	7-10-2020
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Description:	The Dynasty Cars Inventory System will allow actors to efficiently search through a car lot with a set of pre-determined parameters.		
Actors:	Dynasty Cars, employees, guests, admins, and technicians		
Preconditions:	<ol style="list-style-type: none"> 1. The software is installed on local systems at Dynasty Cars. 2. Actors will need access to the local car inventory system via Dynasty Cars' on-site computers. 3. If an admin is trying to access the system, they will need a username and password. 		
Post-conditions:	<ol style="list-style-type: none"> 1. The system successfully displays all vehicles matching pre-determined parameters. 2. Guests are able to find their vehicle of choice without the help of an employee. 3. The database must be updated to reflect any changes made. 		
Flow:	<ol style="list-style-type: none"> 1. The actor will log in to the inventory system as a guest. 2. The actor specifies what brand, type, miles per gallon, fuel type, convertible, and color they wish to search for. 3. The actor selects "find" and a pop-up window shows the user that the search is on-going. The actor hits "Ok". 4. The system searches through its database and selects all cars that match the chosen parameters. 5. The program displays all cars it found. 6. User can then restart by hitting "New Search" 		
Alternative Flows:	<ol style="list-style-type: none"> 1. In step 1 of the normal flow, if the actor chooses admin, they will need to input a username and password in order to unlock enhanced capabilities. 2. Upon logging in as an admin, the actor will be presented will options including Search, Display Total Inventory, Log Out, and Exit. 3. The actor chooses to search <ol style="list-style-type: none"> a. The actor specifies what brand, type, miles per gallon, fuel type, convertible, and color they wish to search for. b. The actor selects "find" and a pop-up window shows the user that the search is on-going. The actor hits "Ok". 		

	<ul style="list-style-type: none">c. he system searches through its database and selects all cars that match the chosen parameters.d. The program displays all cars it found.e. User can then restart by hitting "New Search" <ul style="list-style-type: none">4. In step 3, if the actor chooses to Display Total Inventory, the system will display all cars held within the database.<ul style="list-style-type: none">f. After browsing, the actor can choose "Back" to go back to the menu.5. In step 3, if the actor chooses to "Log Out", they will be sent back to the log in screen.6. In step 3, if the actor chooses to "Exit", the program will terminate itself.
Exceptions:	<ul style="list-style-type: none">1. If the actor sees the car they want while walking into Dynasty Cars, they can bypass searching through the system and go directly to a sales agent.
Requirements:	<ul style="list-style-type: none">1. Computers must be installed at Dynasty Cars.2. The software must be installed onto local computers.3. Admin access information must be created and implemented.4. The database must be filled with vehicles for actors to search for.

SPONSOR ACCEPTANCE

Approved by the Project Sponsor:

_____ Date: 7-10-2020 _____
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