**Dealership Project Use Cases:**

**Use Case Enable Vehicle Rent Status**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Modify Dealership Inventory” from main menu |  |
|  | 1. Software presents buttons with options to enable, disable rent, remove vehicle, transfer inventory |
| 1. User clicks enable rent |  |
|  | 1. Software presents a list of all dealerships in the company that are currently able to rent vehicles. If there are no dealerships currently in the company that can rent, the software notifies the user. |
| 1. User selects the dealership they want to modify |  |
|  | 1. Software presents a table with the dealership’s vehicles. If the dealership does not currently have any vehicles, software prompts to add vehicle(s) through file or manual input. |
| 1. User selects vehicle(s) to enable rent by clicking on button(s) in front of each row and then clicking select at the top of the window. |  |
|  | 1. The vehicle(s) rentState attribute will be changed from false to true and will be moved from the dealership’s sales inventory to the dealership’s rental inventory |
|  |  |

**Use Case Disable Vehicle Rent Status**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Modify Dealership Inventory” from main menu |  |
|  | 1. Software presents buttons with options to enable, disable rent, remove vehicle, transfer inventory |
| 1. User clicks disable rent |  |
|  | 1. Software presents a list of all dealerships in the company that are currently renting. If there are no dealerships currently in the company renting software notifies the user. |
| 1. User selects the dealership they want to modify |  |
|  | 1. Software presents a table with the current vehicles the dealership is renting. If the dealership does not currently have any rentals the user will be notified that there are no current rentals at the dealership |
| 1. User selects vehicle(s) to disable rent by clicking on button(s) in front of each row and then clicking select at the top of the window |  |
|  | 1. The vehicle(s) rentState attribute will be changed from true to false. Vehicles selected will be moved from the dealership’s rental inventory to its sales inventory |

**Use Case Add Dealership Name**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Modify Dealership Profile” from main menu. |  |
|  | 1. Software provides buttons for the following options Add Dealership Name, Edit Dealership Name |
| 1. User clicks Add Dealership Name |  |
|  | 1. Software provides a list of all dealerships in the company without a name. |
| 1. User clicks the dealerships for which they’d like to add a name |  |
|  | 1. Software provides a text field to enter dealership name |
| 7. User enters dealership name |  |
|  | 8. Dealership name attribute is changed to user input. |

**Use Case Edit Dealership Name**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Modify Dealership Profile” from main menu. |  |
|  | 1. Software provides buttons for the following options Add Dealership Name, Edit Dealership Name |
| 1. User clicks Edit Dealership Name |  |
|  | 1. Software provides a list of all dealerships in the company with a name |
| 1. User clicks the dealerships for which they’d like to edit its name |  |
|  | 1. Software provides a text field to change dealership name |
| 7. User enters dealership name |  |
|  | 8. Dealership name attribute is changed to user input. |

**Use Case Transfer Vehicle**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Modify Dealership Inventory” from main menu |  |
|  | 2. Software presents buttons to enable, disable rent, remove vehicle, transfer inventory |
| 3. User clicks transfer inventory |  |
|  | 4. Software provides two list of dealerships in the company. One list is dealership sending vehicle(s), the other list is the dealership receiving vehicle(s). The dealership receiving list only shows dealerships accepting vehicles |
| 4. The user selects one dealership to send and one dealership to receive inventory |  |
|  | 5. The software provides a table containing all vehicles at the sender dealership both rental and sales inventory |
| 6. The user selects one or more vehicles to transfer to the receiving dealership |  |
|  | 7. The software moves the selected vehicle(s) to the receiving dealership and places them in either sales or rental inventory depending on the vehicle’s rental state attribute. |

**Use Case Add Vehicle with Manual Input**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Add Inventory” button in main menu |  |
|  | 2. Software presents two buttons with options to “Add from File”, “Add Manually” |
| 3. User clicks “Add Manually” |  |
|  | 4. Software presents a list of dealerships accepting new vehicles |
| 5. User selects dealership to add inventory to |  |
|  | 6. Software presents text fields to enter each vehicle attribute |
| 7. User enters vehicle data into text fields and once all text fields are filled. The user clicks create button |  |
|  | 8. If an illegal input was entered into a text field an error message is printed next to field informing the user about legal entries |
|  | 9. Once the text fields are successfully filled and the vehicle created. The vehicle is put into the selected dealership’s sales inventory |

**Use Case Remove Vehicle**

|  |  |
| --- | --- |
| Actions Performed by the Actor | Response from the System |
| 1. User clicks “Modify Dealership Inventory” from main menu |  |
|  | 2. Software presents buttons with buttons to enable, disable rent, remove vehicle, transfer inventory |
| 3. User clicks “Remove Vehicle” |  |
|  | 4. The software presents a list of all dealerships in the company |
| 5. User selects dealership from which to remove inventory |  |
|  | 6. Software presents a table with all vehicles from the dealerships |
| 7. User selects the vehicle(s) they wish to remove from inventory by clicking the buttons in front of each row and then clicking “Select” button at top of window |  |
|  | 8. Once vehicle(s) have been selected, they are deleted from dealership inventory |