Car-Rental: Use Case Description

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| Case Number: 1 | | | | |
| Name : CRUD operations of car | | | | |
| Brief description: Manages car profile | | | | |
| Actor: Administrator | | | | |
| Preconditions: | | | | |
| The admin must log in to the system | | | | |
| Flow of Events | | | | |
| 1.Basic Flows | | | | |
| 1.1.0 Post Car | | | | |
| Steps | User Action | | System Action | |
| 1 | The Administrator click on the create car button or link. | | The system displays the create car form with the required fields. | |
| 2 | The Administrator fills out the form and requests the system to save the details. | | The system verifies all fields are filled as required and saves the car and returns the success message on success or a fail message in case of failure. | |
| Postconditions | | | | |
| The car details is persisted in the system | | | | |
| Business Rules | | | | |
| No duplicate car details. A unique car is identified by vin number. | | | | |
| 1.1.1 Remove Car | | | | |
| Steps | User Action | | System Action | |
| 1 | The Administrator click the show list of car button or link. | | The system displays the list of cars in the system | |
| 2 | The Administrator clicks on the delete button or link associated with the car to be deleted | | The system removes the car from the list and returns the success message on success or a fail message in case of failure. | |
| Postconditions | | | | |
| The car details are removed from the system | | | | |
| Business Rules | | | | |
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| 1.1.2 Update Car | | | | |
| Steps | User Action | | System Action | |
| 1 | The Administrator click the show list of car button or link. | | The system displays the list of cars in the system | |
| 2 | The Administrator clicks on the update button or link associated with the car to be updated | | The system displays the car details | |
| 3 | The Administrator edit all data to be updated and click on the update button | | The system verifies all fields are filled as required and saves the car and returns the success message on success or a fail message in case of failure. | |
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| Postconditions | | | | |
| The car details are updated on the system | | | | |
| Business Rules | | | | |
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| 1.1.3 Read Cars | | | | |
| Steps | User Action | | System Action | |
| 1 | The Administrator click the show list of car button or link. | | The system displays the list of cars in the system | |
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