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| Use Case Number : 1 | | |
| Brief description this use allows admin to add car, delete car, edit car | | |
| Actor Admin | | |
| Preconditions | | |
| The admin must logged in to the system | | |
| Flows of Events: | | |
| 1. Basic Flows | | |
| 1.1.0 Add Car | | |
| Step | User Actions | System Actions |
| 1 | Click add car button | The system display add car form |
| 2 | The admin fills out the form and requests the system to save the details | The system verifies that there’s no other car in the database with the Vehicle Identification Number(VIN) and save car and returns the success message on success or a fail message in case of failure |
| Postconditions | | |
| The car is persisted in the system | | |
|  | | |
| Business Rule | | |
| No same car. A unique profile is identified by VIN number | | |
|  | | |
| 1.1.1 view all car list | | |
| Step | User Actions | System Actions |
| 1 | The admin selects to view a list of car | The system returns a list of all cars. |
| Postconditions | | |
| Display all cars | | |
|  | | |
| Business Rules | | |
| The rented cars are not display | | |
|  | | |
| 1.1.2 view car detail | | |
| Step | Use Actions | System Actions |
| 1 | The admin selects to view a list of car | The system returns a list of all cars. |
| 2 | The admin select to detail of one car | The system display detail information about the car |
| Postconditions | | |
| Detail information about selected one car | | |
|  | | |
| Business Rules | | |
| The rented cars are not display | | |
|  | | |
| 1.1.3 edit car | | |
| step | Use Actions | System Actions |
| 1 | The admin selects to view a list of car | The system returns a list of all cars |
| 2 | The admin select to detail of one car | The system display detail information about the car |
| 3 | The admin select Car they want to update | The system displays an editable car from pre-populated with the card details |
| 4 | The admin updates the fields they want to update and requests system to save the new details | The system update the record and returns the success message or a fail message on exception |
| postconditions | | |
| Update information about selected one car | | |
|  | | |
| Business Rule | | |
| The VIN number field should be Unwritable | | |
|  | | |
| 1.1.3 delete car | | |
| Step | User Actions | System Actions |
| 1 | The admin selects to view a list of car | The system returns a list of all cars |
| 2 | The admin select to detail of one car | The system display detail information about the car |
| 3 | The admin selects to delete a car from a list of car | the system display a confirmation dialogue window |
| 4 | The admin selects OK on the confirmation dialog window to confirm deleting the profile | The system confirms the faculty is not assigned to any selections or blocks and deletes the car. The system returns message a success message on success or a failure message. |
| Postconditions | | |
| The car will be deleted | | |
|  | | |
| Business Rules | | |
| Remove all information from everywhere | | |
|  | | |
| 1.20 check out the car | | |
| Step | User Actions | System Actions |
| 1 | The admin selects to check out the car | The system display an check out form pre- populated with the car details |
| 2 | The admin fill out all requirement and then press submit button | The system hide the car and returns the success message or a fail message on exception. |
| Postconditions | | |
| The user want one car then that car | | |
| Business Rules | | |
| The rented car will be disappear | | |
|  | | |
| 1.2.1 check in the car | | |
| step | User Actions | System Actions |
| 1 | The admin selects to check in the car | The system displays an check in form |
| 2 | The admin fill out the requirement and the press submit button | The system show the car and returns the success message or a fail message on exception |
| Postconditions | | |
| The user return back the car | | |
|  | | |
| Business Rules | | |
| The rented car will be display on the page | | |

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| Use case Number : 2 | | |
| **Brief description** : this use case provided a user side page. | | |
| **Actor** user | | |
|  | | |
| **preconditions** | | |
| The user no need to logged in to the system | | |
| **Flow of Events:** | | |
| * 1. Basic Flows | | |
| 1.0 list of car view | | |
| Steps | User Actions | System Actions |
| 1 | The user open the website | The system returns a list of all cars |
| Postconditions | | |
| Display all cars | | |
|  | | |
| Business Rules | | |
| The rented cars are not display | | |
|  | | |
| 1.1 view car detail | | |
| Step | User Actions | System Actions |
| 1 | The user open the website | The system returns a list of all cars |
| 2 | The user select to detail of one car | The system display detail information about the car |
| Postconditions | | |
| Detail information about selected one car | | |
|  | | |
| Business Rules | | |
| The returned cars are not display | | |
|  | | |
| 1.2 sign up | | |
| Step | User Actions | System Actions |
| 1 | The user select sign up button | The system display sign Up form |
| 2 | The user fill out the form and requests the system to submit the form | The system verifies there is no the same profile in the database with same email address and save the user and return the success message on the success or a fail message in case of failure |
| Postconditions | | |
| The user is persisted in the system | | |
|  | | |
| Business Rules | | |
| No the same user. A unique profile is identified by email address | | |
|  | | |
| 1.3 login in | | |
| Step | User Actions | System Actions |
| 1 | The user select log in button | The system display log in form |
| 2 | The user fill out the requirement form and requests the system to submit the form | The system check user name and password, if its match log in the page, or do not match display fail message on the failure |
| Postconditions | | |
| The user access the system | | |
|  | | |
| Business Rules | | |
| The user name is not same as other user name | | |
|  | | |
| 1.4 reservation | | |
| Step | Use Actions | System Actions |
| 1 | The user open the website | The system returns a list of all cars |
| 2 | The user select to detail of one car | The system display detail information the car |
| 3 | The user fill out the form and requests the system to submit the form | The system ask log in first then display form |
| 4 | The user fill out the form and requests the system to submit the form | The system display rent car form |
| 5 | The user fill out the form and request the system to submit the form | The system display success full or if it is fail display fail |
| Postconditions | | |
| The user rented car online | | |
|  | | |
| Business rules | | |
| The rented car will be disappear form the website or hide it | | |