**Use case name** listVehicles

**Participating actors** Initiated by RegisteredUser

**Flow of Events**

1. RegisteredUser enters the homepage of the website,

VehicleRentingSystem, then goes to the search panel displayed on that page and enters the information of the name of the receiving office, the name of the returning office, the receiving date of the vehicle and the returning date of the vehicle.Then registeredUser activates the listVehicles function of the VehicleRentingSystem

1. VehicleRentingSystem responds to the RegisteredUser by displaying a list of vehicles on the page which matches to the information on search panel.
2. On that page, RegisteredUser views the vehicles

listed in increasing order based on their renting prices and tagged with their model name along with the price information.

**Entry Condition -** The RegisteredUser is logged into VehicleRentingSystem.

**Exit Condition -** The RegisteredUser has directed to a new page with a list

of vehicles which is displayed as a

response from the VehicleRentingSystem.

**Use case name** VehiclesNotFound

**Participating actors** Communicates with RegisteredUser

**Flow of Events** 1. RegisteredUser enters the necessary information on

the related fields of search panel and activates the

listVehicles fuction.

2. There is not found any available vehicles by

VehicleRentingSystem which matches any of the

information on search panel fields.

3. VehicleRentingSystem displays an informative

message to RegisteredUser about

there is no available vehicles to be listed.

4. The VehicleRentingSystem clears the fields on

search panel.

**Entry Condition**

It extends the listVehicles use case. Initiated by the

VehicleRentingSystem, when there is no available

vehicles to show RegisteredUser which matches the

information that RegisteredUser entered on search panel.

**Exit Condition** The RegisteredUser receives a message about there are

no available vehicles to be displayed and the fields on

search panel is emptied out as a response from

VehicleRentingSystem.

**Use case name** extendRentDate

**Participating actors** Initiated by RegisteredUser

**Flow of Events**

1. RegisteredUser enters the “My Profile” page of the website, then scroll down on page and moves into the new page, “My Rentings”. On that page, RegisteredUser sees the list of the rentings which is displayed by VehicleRentingSystem based on RegisteredUser’s current and past rentings.
2. RegisteredUser goes into, selects the detail of the current renting that he/she choses and activates the extendRentDate function.
3. VehicleRentingSystem responds to the RegisteredUser by presenting a list of appropriate dates for returning date.On that page, RegisteredUser views the vehicles

Listed

1. Then, RegisteredUser selects one of the dates on the list and activates the “Save the Returning Date” function.
2. VehicleRentingSystem saves the new returning date of this selected current renting of RegisteredUser. Then, displays a informative message of “Saved Successfully” to the RegisteredUser .

**Entry Condition** RegisteredUser is logged into VehicleRentingSystem.

**Exit Condition**

RegisteredUser has received an message from VehicleRentingSystem which is the change in returning date is saved successfully as a response.

**Use case name** extendDateNotAllowed

**Participating actors** Communicates with RegisteredUser

**Flow of Events**

1. RegisteredUser enters the “My Rentings” page of the website, then sees the list of the current and past rentings. Then, selects a one of the current rentings that he/she has own.
2. RegisteredUser goes into the detail of the current renting that he/she choses and activates the extendRentDate function.
3. VehicleRentingSystem activates extendDateNotAllowed function and responds to the RegisteredUser by displaying an informative message of “There is no available returning date to be extended.”
4. Then, VehicleRentingSystem directs RegisteredUser to “My Rentings” page

**Entry Condition**

It extends the extendRentDate use case. Initiated by the VehicleRentingSystem when there is no new available returning date for the current renting that RegisteredUser selected

**Exit Condition** The RegisteredUser receives a message of there is

no available returning date for renting to be extended

as a response from VehicleRentingSystem.

**Use case name** manageTheRenting

**Participating actors** Initiated by OfficeUser

Communicates with RegisteredUser

**Flow of Events**

1. RegisteredUser delivers the vehicle to the officeUser at returning office. Registered User fills out necessary forms and remarks that vehicle is damaged. OfficeUser takes these forms and activates the manageTheRenting function on the “Rentings” page of the VehicleRentingSystem.
2. OfficeUser changes the renting status of the vehicle using “Save renting status” function and VehicleRentingSystem saves the changes. OfficeUser Continues with checking the form and notices the damage information of the vehicle. Following, OfficeUser changes the physical status of vehicle and uses “Save physical status” function. VehicleRentingSystem saves the changes as a response.
3. OfficeUser charges the RegisteredUser for an additional damage cost for the vehicle and hands over the related form to RegisteredUser. After RegisteredUser signs the form about accepting the additional charge, OfficeUser finishes and completes the process of delivery of renting.

**Entry Condition**

RegisteredUser delivers his/her renting(vehicle) to the OfficeUser works at the specified returning office which renting is said to be returned.

**Exit Condition**

OfficeUser finishes and completes the renting process for the RegisteredUser

**Use case name** changeTheSearch

**Participating actors** Initiated by RegisteredUser

**Flow of Events**

1. RegisteredUser enters the homepage of the website,

VehicleRentingSystem, then goes to the search panel displayed on that page and enters the information of the name of the receiving office, the name of the returning office, the receiving date of the vehicle and the returning date of the vehicle. Then registeredUser activates the listVehicles function of the VehicleRentingSystem

1. VehicleRentingSystem responds to the RegisteredUser by displaying a list of vehicles on the page which matches to the information on search panel.
2. On that page, RegisteredUser views the vehicles

listed in increasing order based on their renting prices and tagged with their model name along with the price information.

1. RegisteredUser notices the information panel which displays the returning,receiving date and offices information. On this panel, RegisteredUser activates ChangeTheSearch function.
2. The search panel is displayed by VehicleRentingSystem and RegisteredUser enters the necessary information of returning,receiving date and offices on the search panel and activates the search function,listVehicles, to make a new search.
3. VehicleRentingSystem responds to the RegisteredUser by displaying a list of vehicles on the page which matches to the information on search panel.

**Entry Condition** RegisteredUser logs into the VehicleRentingSystem.

**Exit Condition** The RegisteredUser has directed RegisteredUser to a page

with a list of vehicles which is displayed as a

response from the VehicleRentingSystem.

**Use case name**  VehicleRenting

**Participating actors** Initiated by RegisteredUser

**Flow of Events**

1. RegisteredUser enters the homepage of the website,

VehicleRentingSystem, then goes to the search panel displayed on that page and enters the information of the name of the receiving office, the name of the returning office, the receiving date of the vehicle and the returning date of the vehicle. Then registeredUser activates the listVehicles function of the VehicleRentingSystem

1. VehicleRentingSystem responds to the RegisteredUser by displaying a list of vehicles on the page which matches to the information on search panel.
2. On that page, RegisteredUser views the vehicles

listed in increasing order based on their renting prices and tagged with their model name along with the price information.

1. RegisteredUser selects a vehicle from the list and adds to its chart. After, RegisteredUser opens its chart and goes to checkout to activate the vehicleRenting function to complete the renting.
2. VehicleSystem displays a page with automatic filled personal information form and empty payment information form. RegisteredUser enters the fields of name, surname, address, social security and credit/debit card information with the valid/appropiate information and confirms it.
3. VehicleRentingSystem responses with displaying a message about “Your rent is done succesfully.” information on the website and sends an email to RegisteredUser which includes detailed information about renting.

**Entry Condition** RegisteredUser logs into the VehicleRentingSystem.

**Exit Condition**

RegisteredUser receives a message about renting process is successfully done and an email about the renting information from theVehicleRentingSystem as a response.

**Use case name** CheckingReceivingDate

**Participating actors** Inıtiated by RegisteredUser

**Flow of Events**

1. RegisteredUser enters the “My Rentings” page of the website, then sees the list of the current and past rentings. Then, selects a one of the current rentings that he/she has own.
2. RegisteredUser goes into the detail of the current renting that he/she choses and activates the checkingReceivingDate function.
3. VehicleRentingSystem responses by directing RegisteredUser to a details of the renting.
4. Then, RegisteredUser notices and views the receiving date information and all the other information of his/her renting.

**Entry Condition** RegisteredUser logs into the VehicleRentingSystem

**Exit Condition** RegisteredUser views the receiving date information of

his/her renting on the details which the

VehicleRenting has displayed as a response.