UML

Use case

Scenario

Customer

Primary

Basic webpage before the log-in page

The customer launches the website on their web browser. Then the customer logs- in or registers to view the main page

Alternative

If the customer does not have an account they must register by submitting a registration form

If the form does not submit for some reason customer must fill it at again and re-submit

Once the customer has logged in they must be able to see a list of available cars with pictures and descriptions

Alternative

If the customer cannot log-in due to loss of password, they must be able to recover this password

-suggestion: by using e-mail that receives a temporal password

Alternative

If a list of cars with pictures cannot be displayed the user must still see a description . Unavailable cars should display booked or under maintenance

The customer should then be able to select a car and submit it for booking

Alternative

If the car is not available the customer should receive a warning and then be returned to the car selection page

After the customer has selected a car they should receive prompt for period of use, then they should be redirected to a ‘cart’ page that shows them the selection and gives them a chance to cancel the bookings. The selection and period of use should display pending-confirmation until the selection is confirmed

When the selection is confirmed (by the owner) the customer should receive an e-mail requiring payments. When a payment has been received the selection should change to confirmed and the customer should receive a new email with confirmation details:

-money received

-outstanding amount

-picture of the car

-registration number

-reference number

Alternative

If customer cancels the booking the selection should be removed from the page

Alternative

If the customer does not pay they should receive an e-mail warning them of selection removal after 48hours

The customer should be able to log-off at any time except during period selection

Alternative

If the customer tries to log-off during period selection they should receive a warning

User case

Owner

Primary

The owner launches the website and log-in using their details

Alternative

If the owner forgot or lost their log-in details, they should

-suggestion: receive an e-mail with a temporary new password

Once the owner has logged in they should be able to see their home screen

The home screen should contain:

-a list of pending booking with options to:

-confirm booking: system sends e-mail to ask for payments

-confirm payment: system e-mails the booking information

-deny: system e-mails that transaction denied

The owner should also see a list of cars currently out and a list of bookings completed for the period that she will be able to change from the settings that will allow her to change settings