Personal Portfolio

(Group number 117)

(Name: Wai Ieong Chong)

(Student ID: n9641980)

(Github: IFB299Assignment/IFB299)

Artefact 1 – Established the function of adding car, client and employee data of our company.

(The main function including Update, Insert and Delete, the function of delete is Manh Quyen Nguyen deal with , ID: **n10073370**)

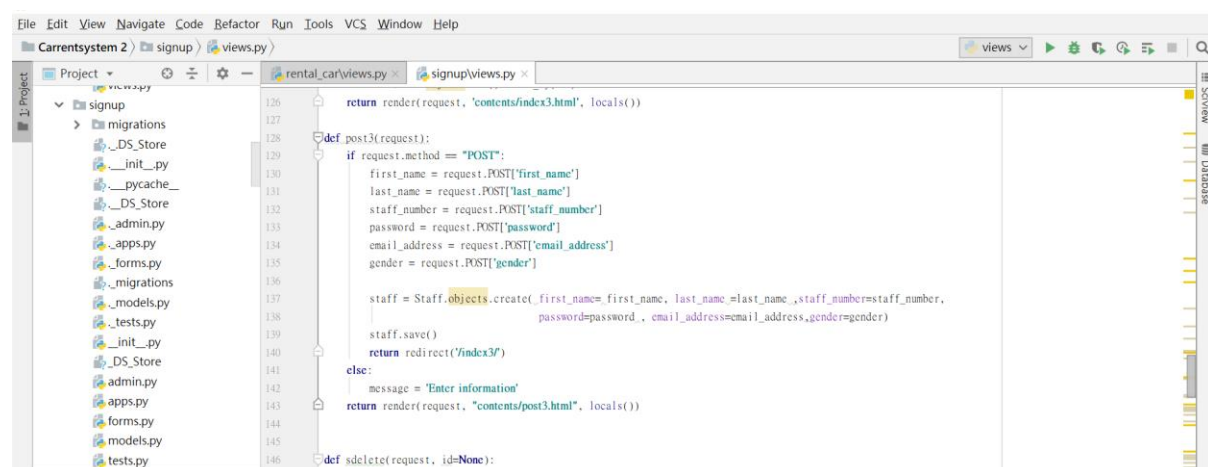(Description about what the artefact is in general)
- Based on the three charts (car, client and company employee) that I had successfully generated in the database, I created the insert button with using HTML code then clicked it. Enter the relevant data, such as client phone number, car type or staff ID) respectively and press save. The process of successfully generating the data.

- On the other hand, insert the data on the different table (car, client and company employee) let staff easily to manage the database.

(Brief description of how it was used/contribution to the project)

- A repository or website with new customers need to insert or delete old customers every day. Adding features can add new customers, car and staff to our company, allowing the company to better manage guest data.

- On the other hand, it also allows us to better manage the operation of our company, such as customer contact information, the location of pick up and return can also be better mastered and managed.

- Companies may purchase new vehicles every day, so adding features is a must-add project that fully manages the company's assets.
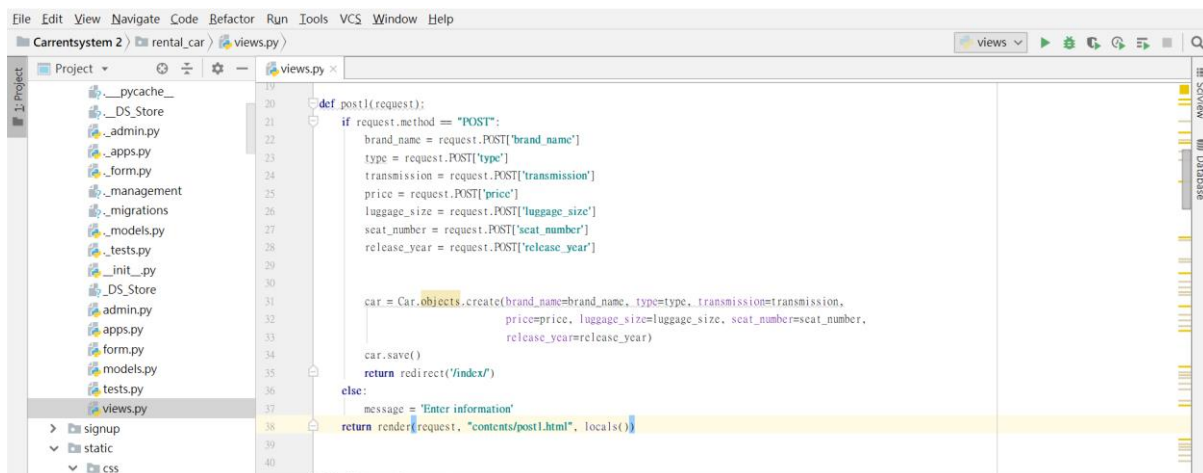
(Screen capture of where it's used)

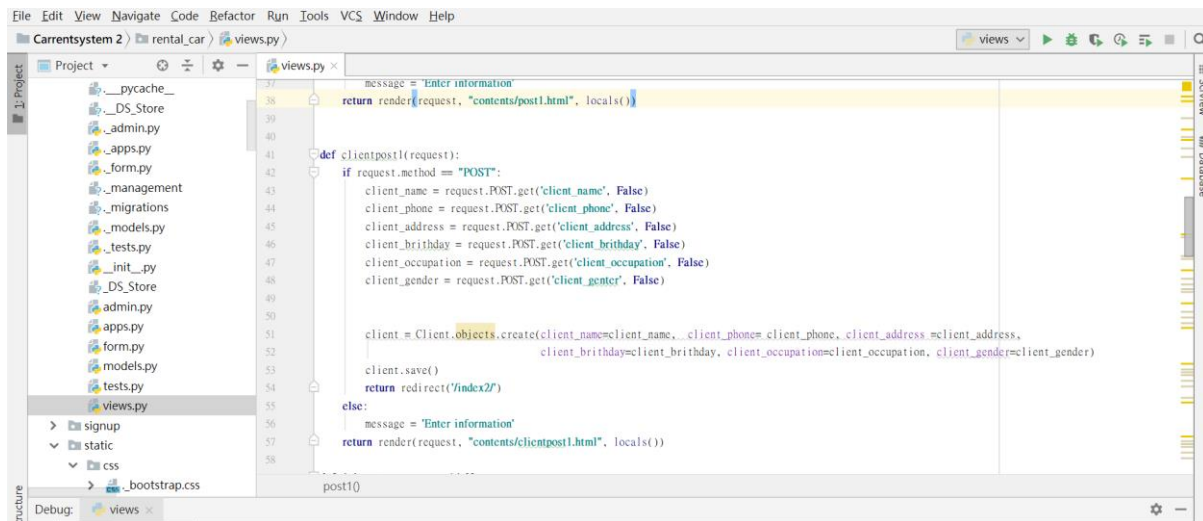The function of insert staff using views.py

The function of insert car using views.py

The function of insert client using views.py

The example of Insert function (car): Click Insert

All information on data sheet
Insert
Client information
Staff information

Car_id	Brand_name	Type	Transmission	Price	Luggage_size	Seat	Release Year	Record	
14860	BMW	4D SEDAN	4A	51320	3	5	1997	None	Update Delete
14862	BMW	4D SEDAN	5M	53950	1	5	2001	None	Update Delete
14863	BMW	4D WAGON	5AS	82350	5	5	2001	None	Update Delete
14864	BMW	5D HATCHBACK	6A	47800	5	5	2006	None	Update Delete
14865	BMW	4D SEDAN	5M	52070	1	5	2000	None	Update Delete
14866	BMW	4D WAGON	5AS	84000	1	5	2006	None	Update Delete
14867	BMW	4D SEDAN	5M	49650	8	5	1995	None	Update Delete
14870	BMW	2D COUPE	5M	73900	5	5	1999	None	Update Delete
14871	BMW	4D WAGON	6A	86800	8	5	2006	None	Update Delete
14872	BMW	4D SEDAN	5M	54370	8	5	1999	None	Update Delete
14873	BMW	2D COUPE	4A	57110	6	5	1996	None	Update Delete
14874	BMW	3D HATCHBACK	5M	41750	1	5	2004	None	Update Delete

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The example of Insert function (car): Click save

Home   Special Offers   Locations   Customer Service   123   Sign out

New data sheet

Brand_name	BMW1
Type	Family
Transmission	auto
Price	1000
Luggage_size	4
Seat_number	4
Release_year	2003
	Submit Reset

Enter information
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The example of Insert function (car): Showing the new data

15324	AUDI	3D HATCHBACK	6M	65850	6	5	2000	None	Update Delete
15325	AUDI	5D HATCHBACK	6ADSG	47750	7	5	2006	None	Update Delete
15326	AUDI	3D HATCHBACK	4A	42450	3	5	1999	None	Update Delete
15327	AUDI	5D HATCHBACK	5M	44950	4	5	2004	None	Update Delete
15328	AUDI	2D ROADSTER	6M	92500	6	2	2004	None	Update Delete
15329	AUDI	5D HATCHBACK	5M	38700	2	5	2002	None	Update Delete
15330	AUDI	4D SEDAN	CVTM6	80900	1	5	2003	None	Update Delete
15340	SAAB	4D WAGON	5A	53400	1	5	2007	None	Update Delete
15341	SAAB	4D SEDAN	4A	67986	1	5	2000	None	Update Delete
15342	SAAB	4D SEDAN	5A	56400	7	5	2004	None	Update Delete
15343	SAAB	5D HATCHBACK	4A	64575	1	5	2002	None	Update Delete
15344	SAAB	4D SEDAN	5AST	84900	7	5	2004	None	Update Delete
15345	SAAB	5D HATCHBACK	4A	63900	1	5	1996	None	Update Delete
15346	SAAB	2D CONVERTIBLE	4A	73000	4	5	2003	None	Update Delete
		4D HATCHBACK					1998	None	Update Delete
15351	BMW1	Family	auto	1000	4	4	2003	None	Update Delete

Artefact 2

Date and time of the meeting with the client and made a preliminary button and link of the staff page

(Description about what the artefact is in general)
I took two days to meet with client. In order to improve the configuration of the data sheet and the various buttons, the first day was to show him my original page. To collect opinions from customers. The next day from the customer's insights to optimize the website

- On the 22nd and 23rd make a meeting with the client to optimize them.

- On the 23nd, I explained my preliminary manage data page, collected the current customer's evaluation of the page, including what client didn't understand and found out that something needs to be upgraded.

- On the 23rd Optimize and fix the staff page and let client to the whole function again, then I explain the changes there to the client.

(Brief description of how it was used/contribution to the project)
- Optimization web pages, features or other projects. The most effective way is to collect data from users.
  The main purpose of those two days to upgrade the page is not to let users understand my web page. The main point is improving the rental company cleanly and understandable website is the beginning of success, which will enable our company to develop more beneficially page.
- Example of improvement is that ID is decrease progressively, I had fixed that become increment

(Screen capture of where it's used)

The preliminary manages data page 22nd

| | Home | Special Offers | Locations | Customer Service | 123 | Sign out |

All information
Insert Client information Staff information

Car_id	Brand_name	Type	Transmission	Price	Luggage_size	Seat	Release Year	Record	
15351	BMW1	Family	auto	1000	4	4	2003	None	Update Delete
15347	SAAB	4D HATCHBACK	4A	54900	4	5	1998	None	Update Delete
15346	SAAB	2D CONVERTIBLE	4A	73000	4	5	2003	None	Update Delete
15345	SAAB	5D HATCHBACK	4A	63900	1	5	1996	None	Update Delete
15344	SAAB	4D SEDAN	5AST	84900	7	5	2004	None	Update Delete
	SAAB					5		N	Update

The new manage data page on 23rd

All information on data sheet
Insert
Client information
Staff information

Car_id	Brand_name	Type	Transmission	Price	Luggage_size	Seat	Release Year	Record	
14860	BMW	4D SEDAN	4A	51320	3	5	1997	None	Update Delete
14862	BMW	4D SEDAN	5M	53950	1	5	2001	None	Update Delete
14863	BMW	4D WAGON	5AS	82350	5	5	2001	None	Update Delete
14864	BMW	5D HATCHBACK	6A	47800	5	5	2006	None	Update Delete
14865	BMW	4D SEDAN	5M	52070	1	5	2000	None	Update Delete
14866	BMW	4D WAGON	5AS	84000	1	5	2006	None	Update Delete
14867	BMW	4D SEDAN	5M	49650	8	5	1995	None	Update Delete
14870	BMW	2D COUPE	5M	73900	5	5	1999	None	Update Delete
14871	BMW	4D WAGON	6A	86800	8	5	2006	None	Update Delete
英 72	BMW	4D SEDAN	5M	54370	8	5	1999	None	Update Delete
http://127.0.0.1:8000/index2/		2D COUPE	4A	57110	6	5	1996	None	Update Delete
14874	BMW	3D HATCHBACK	5M	41750	1	5	2004	None	Update Delete

Artefact 3 – Established the function of update car data of our company

(The main function including Update, Insert and Delete, the function of delete is Manh Quyen Nguyen deal with ID: **n10073370**)

(Description about what the artefact is in general)

The function of modifying the data is based on the three DB data sheets that have been created before (client, car and staff), and the data can be modified in the old data sheet so that the customer can update their data through us.

(Brief description of how it was used/contribution to the project)

Normally, a regular company will have thousands to 10,000 customers. They will have data updates, such as phone numbers or certain personal information, to make their information most complete and usable. It is also convenient for us to manage and communicate. If there are some unexpected situations, you can also use the DB to control or contact client.

(Screen capture of where it's used)

Click the Update button

Car_id	Brand_name	Type	Transmission	Price	Luggage_size	Seat	Release Year	Record	
15351	BMW1	Family	auto	1000	4	4	2003	None	Update Delete
15347	SAAB	4D HATCHBACK	4A	54900	4	5	1998	None	Update Delete
15346	SAAB	2D CONVERTIBLE	4A	73000	4	5	2003	None	Update Delete
15345	SAAB	5D HATCHBACK	4A	63900	1	5	1996	None	Update Delete
15344	SAAB	4D SEDAN	5AST	84900	7	5	2004	None	Update Delete
15343	SAAB	5D HATCHBACK	4A	64575	1	5 英	2002	None	Update Delete
15342	SAAB	4D SEDAN	5A	56400	7	5	2004	None	Update Delete
15341	SAAB	4D SEDAN	4A	67986	1	5	2000	None	Update Delete
15340	SAAB	4D WAGON	5A	53400	1	5	2007	None	Update Delete

Fill the correct data and click Save

Data updata(一)

brand_name	BMW
type	4D HATCHBACK
transmission	4A
price	54900
luggage_size	4
seat_number	5
release_year	1999

submit   reset

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The latest information

All information on data sheet
Insert
Client information
Staff information

Car_id	Brand_name	Type	Transmission	Price	Luggage_size	Seat	Release Year	Record	
15351	BMW1	Family	auto	1000	4	4	2003	None	Update Delete
15343	BMW	4D HATCHBACK	4A	54900	4	5	1999	None	Update Delete
15346	S	2D CONVERTIBLE	4A	73000	4	5	2003	None	Update Delete
15345	SAAB	5D HATCHBACK	4A	63900	1	5	1996	None	Update Delete
15344	SAAB	4D SEDAN	5AST	84900	7	5	2004	None	Update Delete
15343	SAAB	5D HATCHBACK	4A	64575	1	5 英	2002	None	Update Delete
15342	SAAB	4D SEDAN	5A	56400	7	5	2004	None	Update Delete
15341	SAAB	4D SEDAN	4A	67986	1	5	2000	None	Update Delete
15340	SAAB	4D WAGON	5A	53400	1	5	2007	None	Update Delete

Artefact 4 – Generate a table of our company's vehicles, customers and

employees from the database

(Description about what the artefact is in general)

From the database we had created the whole before that for this artefact I generate a three table, from here you can clearly see all the information of car, customer or employee

(Brief description of how it was used/contribution to the project)

Base on those designed databases previously, I create the table for prepare modifications, deletions, or additions, any changes can be seen automatedly show on table and make it easier for employees to manage.

(Screen capture of where it's used)

Car data

All information on data sheet
Insert
Client information
Staff information

Car_id	Brand_name	Type	Transmission	Price	Luggage_size	Seat	Release Year	Record	
15351	BMW1	Family	auto	1000	4	4	2003	None	Update Delete
15347	BMW	4D HATCHBACK	4A	54900	4	5	1999	None	Update Delete
15346	SAAB	2D CONVERTIBLE	4A	73000	4	5	2003	None	Update Delete
15345	SAAB	5D HATCHBACK	4A	63900	1	5	1996	None	Update Delete
15344	SAAB	4D SEDAN	5AST	84900	7	5	2004	None	Update Delete
15343	SAAB	5D HATCHBACK	4A	64575	1	5	2002	None	Update Delete
15342	SAAB	4D SEDAN	5A	56400	7	5	2004	None	Update Delete
15341	SAAB	4D SEDAN	4A	67986	1	5	2000	None	Update Delete
15340	SAAB	4D WAGON	5A	53400	1	5	2007	None	Update Delete
15330	AUDI	4D SEDAN	CVTM6	80900	1	5	2003	None	Update Delete
15329	AUDI	5D HATCHBACK	5M	38700	2	5	2002	None	Update Delete

Client data

```
     All information on data sheet<br>
     <a href="/clientpost1/">Insert </a><br>
     <a href="/index/">All car inoformation </a>
        <a href="/index3/">All staff inoformation </a>

</h2>
<table border="1" cellpadding="10" cellspacing="1">
    <th>Client_id</th>
    <th>Client_name</th>
    <th>Client_phone</th>
    <th>Client_address</th>
    <th>Client_brithday</th>
    <th>Client_occupation</th>
    <th>Client_gender</th>

    {% for Client in client %}
    <tr>
        <td>{{Client.client_id}}  </td>
        <td>{{Client.client_name}}  </td>
        <td>{{Client.client_phone}}  </td>
        <td>{{Client.client_address}}  </td>
        <td>{{Client.client_brithday}}  </td>
        <td>{{Client.client_occupation}}  </td>
        <td>{{Client.client_gender}}  </td>

        <td>
            <a href="/clientedit/{{Client.client_id}}" title="Update 1">英 </a>
            <a href="/cdelete/{{Client.client_id}}" title="Delete">Delete</a>
        </td>
    </tr>
    {% endfor %}
```

All information on data sheet
Insert
All car inoformation All staff inoformation

Client_id	Client_name	Client_phone	Client_address	Client_brithday	Client_occupation	Client_gender	
15	Shannon A	1 (11) 543 535-015*	268, avenue de l?Europe	1971-05-15	Nurse	F	Update Delete
16	Shannon H	458-535-011*	4679 Duke Way	1958-02-15	Nurse	F	Update Delete
17	Jason W	694-535-017*	6771 Bundros Court	1979-10-18	Labour	F	Update Delete
18	Jason W	694-535-017*	6771 Bundros Court	1979-10-18	Labour	F	Update Delete
19	Megan W	918-535-018*	6898 Holiday Hills	1980-08-13	Labour	F	Update Delete
20	Victoria S	230-535-013*	3623 Barquentine Court	1969-03-10	Manager	M	Update Delete
21	Katelyn H	249-535-011*	7496 Deerfield Dr.	1937-09-10	Retiree	M	Update Delete
22	Katelyn H	249-535-011*	7496 Deerfield Dr.	1937-09-10	Retiree	M	Update Delete
23	Trevor J	120-535-012*	4697 Yosemite Dr.	1957-02-10	Manager	F	Update Delete

Staff data

```
<title>All information</title>{% endblock %}
{% block content %}
  <h2 align="left">
    All information on data sheet<br>
        <a href="/post3/">Insert</a><br>
    <a href="/index/">Car information</a><br>
    <a href="/index2/">Client information</a><br>

  </h2>
  <table border="1" cellpadding="10" cellspacing="1">
    <th>Staff_id</th>
    <th>First_name</th>
    <th>Last_phone</th>
    <th>Staff_number</th>
    <th>Password</th>
    <th>Email_address</th>
    <th>Created_date</th>

    {% for staff in staff %}
    <tr>
      <td>{{staff.id}}  </td>
      <td>{{staff.first_name}}  </td>
      <td>{{staff.last_name}}  </td>
      <td>{{staff.staff_number}}  </td>
      <td>{{staff.password}}  </td>
      <td>{{staff.email_address}}  </td>
      <td>{{staff.created_date}}  </td>

      <td>
        <a href="/sedit/{{staff.id}}" title="Update 1">Update </a>
        <a href="/sdelete/{{staff.id}}" title="Delete">Delete</a>
```

All information on data sheet
Insert
Car information
Client information

Staff_id	First_name	Last_phone	Staff_number	Password	Email_address	Created_date	
1	123	123	123	123	123@gmail.com		Update Delete
14	eric	eric	123	123	dfsd@gmail.com		Update Delete

Artefact 5 – The HTML of the insert, delete and update

(The main function including Update, Insert and Delete, the function of delete is Manh Quyen Nguyen deal with ID: **n10073370**)

 (Description about what the artefact is in general)

The display of the function, define the information type, this artefact for the what data type and which data should showing on the screen.

(Brief description of how it was used/contribution to the project)

Design which data should take and display. Manage the information to staff cleanly and easy to understand.

(Screen capture of where it's used)

The HTML code of Insert function

```
1      {% extends 'base.html' %}
2    ⊟{% block title %}
3      <meta charset="utf-8">
4      <title>Insert Data</title>
5    ⊟{% endblock %}
6
7    ⊟{% block content %}
8        <h2>New data sheet</h2>
9
10       <form action="." method="POST" name="form1">    <!-- "."表示執行相同的url -->
11           {% csrf_token %}
12           <table border="1" cellpadding="13" cellspacing="1">
13               <tr>
14                   <th>Brand_name</th>
15                       <td><input type="text" id="brand_name" name="brand_name" /></td>
16               </tr>
17               <tr>
18                   <th>Type</th>
19                   <td><input type="text" id="type" name="type" /></td>
20               </tr>
21               <tr>
22                   <th>Transmission</th>
23                   <td><input type="text" id="transmission" name="transmission" /></td>
24               </tr>
25               <tr>
26                   <th>Price</th>
27                   <td><input type="text" id="price" name="price" /></td>      英
28               </tr>
29               <tr>
30                   <th>Luggage_size</th>
31                   <td><input type="text" id="luggage_size" name="luggage_size" /></td>
```

```
25               <tr>
26                   <th>Price</th>
27                   <td><input type="text" id="price" name="price" /></td>
28               </tr>
29               <tr>
30                   <th>Luggage_size</th>
31                   <td><input type="text" id="luggage_size" name="luggage_size" /></td>
32               </tr>
33               <tr>
34                   <th>Seat_number</th>
35                   <td><input type="text" id="seat_number" name="seat_number" /></td>
36               </tr>
37               <tr>
38                   <th>Release_year</th>
39                   <td><input type="text" id="release_year" name="release_year" /></td>
40               </tr>
41
42               <tr>
43                   <th colspan="2" align="center">
44                       <input type="submit" name="button" id="button" value="Submit">
45                       <input type="reset" name="button2" id="button2" value="Reset">
46               </tr>
47           </table>
48           <span style="...">{{message}}</span>
49       </form>
50   ⊟{% endblock %}                                    英
```

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The HTML code of update function

```html
{% extends 'base.html' %}
{% block title %}

<meta charset="utf-8">
<title>Data update(一)</title>
{% endblock %}

{% block content %}
    <h2>Data updata(一)</h2>

    <form action="/edit/{{car.car_id}}/edit" method="GET" name="form1">
        {% csrf_token %}
        <table border="1" cellpadding="13" cellspacing="1">
            <tr>
                <th>brand_name</th>
                    <td><input type="text" id="brand_name" name="brand_name" value="{{car.brand_name}}"></td>
            </tr>
            <tr>
                <th>type</th>
                <td><input type="text" id="type" name="type" value="{{car.type}}"></td>
            </tr>
            <tr>
                <th>transmission</th>
                <td><input type="text" id="transmission" name="transmission" value="{{car.transmission}}"></td>
            </tr>
            <tr>
                <th>price</th>
                <td><input type="text" id="price" name="price" value="{{car.price}}"></td>
            </tr>
            <tr>
                <th>luggage_size</th>
```

```html
            </tr>
            <tr>
                <th>price</th>
                <td><input type="text" id="price" name="price" value="{{car.price}}"></td>
            </tr>
            <tr>
                <th>luggage_size</th>
                <td><input type="text" id="luggage_size" name="luggage_size" value="{{car.luggage_size}}"></td>
            </tr>
            <tr>
                <th>seat_number</th>
                <td><input type="text" id="seat_number" name="seat_number" value="{{car.seat_number}}"></td>
            </tr>
            <tr>
                <th>release_year</th>
                <td><input type="text" id="release_year" name="release_year" value="{{car.release_year}}"></td>
            </tr>
            <tr>
                <th colspan="2" align="center">
                    <input type="submit" name="button" id="button" value="submit">
                    <input type="reset" name="button2" id="button2" value="reset">
            </tr>
        </table>
        <span style="...">{{message}}</span>
    </form>
{% endblock %}
```

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