Topic: Car Listing: Pagination Part 8

Speaker: Udemy Instructor Rathan Kumar | Notebook: Django Project: Car Listing

1. Use a Django package PAGINATOR to enable page activity.
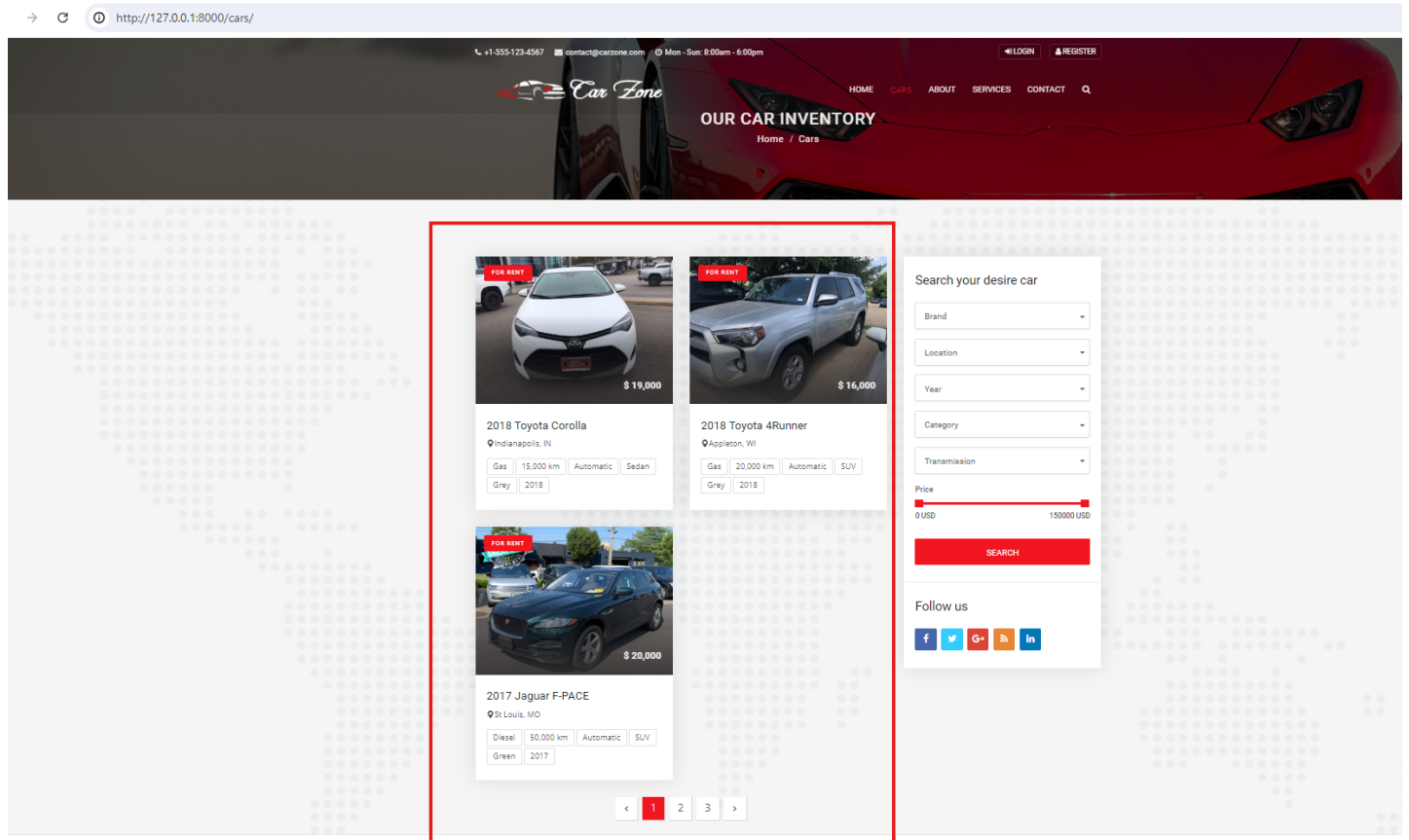
2. Update the CARS\VIEWS.PY

3. Run your CARS.HTML

4. To activate the PAGE BUTTONS, go to CARS.HTML,

FROM:

```html
<!-- Page navigation start -->
<div class="pagination-box p-box-2 text-center">
    <nav aria-label="Page navigation example">
        <ul class="pagination">
            <li class="page-item">
                <a class="page-link" href="#"><i class="fa fa-angle-left"></i></a>
            </li>
            <li class="page-item"><a class="page-link active" href="#">1</a></li>
            <li class="page-item"><a class="page-link" href="#">2</a></li>
            <li class="page-item"><a class="page-link" href="#">3</a></li>
            <li class="page-item">
                <a class="page-link" href="#"><i class="fa fa-angle-right"></i></a>
            </li>
        </ul>
    </nav>
</div>
```

TO:

Checks if there is a previous page:

```django
{% if cars.has_previous %}
<li class="page-item">
    <a class="page-link" href="?page={{cars.previous_page_number}}"><i
            class="fa fa-angle-left"></i></a>
</li>
{% else %}
<li class="page-item disabled">
    <a class="page-link"><i class="fa fa-angle-left"></i></a>
</li>
{% endif %}
```

Depending on how car items per page is displayed, it can show several page numbers, the loop below will do this:

```django
<!-- Loops thru multiple page numbers -->
{% for i in cars.paginator.page_range %}
<!-- make the page number active if we are on it-->
{% if cars.number == i %}
<li class="page-item"><a class="page-link active" href="#">{{ i }}</a></li>
{% else %}
<li class="page-item"><a class="page-link" href="?page={{i}}">{{ i }}</a></li>
{% endif %}
{% endfor %}
```

Checks if there is a next page:

```django
<!-- checks if there is a next page -->
{% if cars.has_next %}
<li class="page-item">
    <a class="page-link" href="?page={{cars.next_page_number}}"><i
            class="fa fa-angle-right"></i></a>
</li>
{% else %}
<li class="page-item disabled">
    <a class="page-link"><i class="fa fa-angle-right"></i></a>
</li>
{% endif %}
```

The entire pagination code block should be:

```
24      <div class="featured-car content-area">
25          <div class="container">
26              <div class="row">
27                  <div class="col-lg-8 col-md-12">
103                     <div class="pagination-box p-box-2 text-center">
105
106                         <!-- checks if there is a previous page -->
107                         {% if cars.has_other_pages %}
108                         <ul class="pagination">
109                             {% if cars.has_previous %}
110                             <li class="page-item">
111                                 <a class="page-link" href="?page={{cars.previous_page_number}}"><i
112                                     class="fa fa-angle-left"></i></a>
113                             </li>
114                             {% else %}
115                             <li class="page-item disabled">
116                                 <a class="page-link"><i class="fa fa-angle-left"></i></a>
117                             </li>
118                             {% endif %}
119
120                             <!-- Loops thru multiple page numbers -->
121                             {% for i in cars.paginator.page_range %}
122                             <!-- make the page number active if we are on it-->
123                             {% if cars.number == i %}
124                             <li class="page-item"><a class="page-link active" href="#">{{ i }}</a></li>
125                             {% else %}
126                             <li class="page-item"><a class="page-link" href="?page={{i}}">{{ i }}</a></li>
127                             {% endif %}
128                             {% endfor %}
129
130                             <!-- checks if there is a next page -->
131                             {% if cars.has_next %}
132                             <li class="page-item">
133                                 <a class="page-link" href="?page={{cars.next_page_number}}"><i
134                                     class="fa fa-angle-right"></i></a>
135                             </li>
136                             {% else %}
137                             <li class="page-item disabled">
138                                 <a class="page-link"><i class="fa fa-angle-right"></i></a>
139                             </li>
140                             {% endif %}
141                         </ul>
142                         {% endif %}
143                     </nav>
144                 </div>
```

5. Run the server.

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