

- Add to the existing code in cardquest/views.py

```
from django.views.generic.list import ListView
from cardquest.models import PokemonCard

class HomePageView(ListView):
    model = PokemonCard
    context_object_name = 'home'
    template_name = "home.html"

    def get_context_data(self, **kwargs):
        context = super().get_context_data(**kwargs)
        return context
```

- In cardquest/url.py

```
from django.urls import path
from cardquest.views import HomePageView
from cardquest import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', views.HomePageView.as_view(), name='home'),
]
```

- Run server python3 manage.py runserver
- Work on page Trainer; modify views.py

```
from cardquest.models import PokemonCard, Trainer

class TrainerList(ListView):
    model = Trainer
    context_object_name = 'trainer'
    template_name = 'trainers.html'
    paginate_by = 15
```

- Modify url.py

```
from cardquest.views import HomePageView, TrainerList

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', views.HomePageView.as_view(), name='home'),
    path('trainer_list', TrainerList.as_view(), name='trainer-list'),
]
```

- Modify trainers.html

```
{% extends 'base.html' %}
{% load static %}

{% block content %}
    <!-- section here -->
{% endblock %}
```

- Modify base.html

```
<!--NAVBAR-->
<a href="{% url 'trainer-list' %}" class="btn"> Trainer </a>
```

- Create pagination.html inside includes folder; put this code.

```
{% if is_paginated %}
<nav aria-label="Topics pagination" class="mb-4">
<ul class="pagination">
    {% if page_obj.number > 1 %}
```

```

    <li class="page-item">
      <a class="page-link" href="?page=1">First</a>
    </li>
  {% else %}
    <li class="page-item disabled">
      <span class="page-link">First</span>
    </li>
  {% endif %}

  {% if page_obj.has_previous %}
    <li class="page-item">
      <a class="page-link" href="?page={{ page_obj.previous_page_number
}}">Previous</a>
    </li>
  {% else %}
    <li class="page-item disabled">
      <span class="page-link">Previous</span>
    </li>
  {% endif %}

  {% for page_num in paginator.page_range %}
    {% if page_obj.number == page_num %}
      <li class="page-item active">
        <span class="page-link">
          {{ page_num }}
          <span class="sr-only">(current)</span>
        </span>
      </li>
    {% elif page_num > page_obj.number|add:'-3' and page_num <
page_obj.number|add:'3' %}
      <li class="page-item">
        <a class="page-link" href="?page={{ page_num }}">{{ page_num }}</a>
      </li>
    {% endif %}
  {% endfor %}

  {% if page_obj.has_next %}
    <li class="page-item">
      <a class="page-link" href="?page={{ page_obj.next_page_number }}">Next</a>
    </li>
  {% else %}
    <li class="page-item disabled">
      <span class="page-link">Next</span>
    </li>
  {% endif %}

  {% if page_obj.number != paginator.num_pages %}
    <li class="page-item">
      <a class="page-link" href="?page={{ paginator.num_pages }}">Last</a>
    </li>
  {% else %}
    <li class="page-item disabled">
      <span class="page-link">Last</span>
    </li>
  {% endif %}
</ul>
</nav>
{% endif %}

```

- Modify trainers.html

```

</section>
<div>
  {% include 'includes/pagination.html' %}
</div>
{% endblock %}

```