

HOW TO SEARCH IN DJANGO AND DISPLAYING RESULTS IN ANOTHER PAGE

VIEWS.PY

IMPORT HIKI KWANZA

```
from django.db.models import Q
```

HIZI CODES ZINATUWEZESHA SISI KUSERCHI

```
#HII NI KWA AJILI YA KUSEARCH NOTES KWENYE APLOADVIEW THEN TUNAZIDISPLAY
KWENY SEARCH_PDF.HTML
def search_pdf(request):
    query=None
    results=[]
    if request.method == "GET":
        query=request.GET.get("search")
        results=UploadFiles.objects.filter(Q(name__icontains=query))
    context={
        "query":query,
        "results":results
    }
    return render(request, 'files/search_pdf.html',context)
```

HIZI CODES ZINATUWEZESHA ILE INPUT YETU IWE INA LETA AUTOCOPLETE

```
def search_notes(request):
    print(request.GET)
    #form = AvailableMedicinesForm()
    query_original = request.GET.get('term')
    search = Q(name__icontains=query_original)
    #queryset = Dozi.objects.filter(name__icontains=query_original)
    files = UploadFiles.objects.filter(search)
    mylist= []
    mylist += [x.name for x in files]
    return JsonResponse(mylist, safe=False)
```

URLS.PY OF THOSE VIEWS.

ILA KAMA ITAKATAA HYO URL FOR AUTOCOMplete BASI WEKA SLASH KWENYE HIYO
search_notes/.

```
path('search_notes', views.search_notes, name="search_notes"),
path('search_pdf', views.search_pdf, name="search_pdf"),
```

TEMPLATE AMBAYO TUNAWEKA HIYO INPUT SEARCH YETU AMBAPO HIYO FORM YETU
TUNAIPA ACTION YA SERACH_PdF VIEW.

```
<div class="col-md-10">
```

```

<form action="{% url 'search_pdf' %}" class="form-group" method="get">

  <label style="font-size: 20px;font-weight: bold;color: black;">Search</label><br>
  <input type="text" name="search" id="searchi" placeholder="Search a notes"><br>
  <button class="btn btn-primary" style="border-radius: 15px;width: 5cm;margin-top: 1cm;margin-
bottom: 1cm;">Search</button>

</form>

</div>

```

KUMUKA KWENYE HIYO TEMPLATE CHINI KABISA WEKA HII FUNCTION YA CHINI YA JS ILI KUTUWEZESHA KUPATA ILE AUTOCOMPLETE KWENYE INPUT YETU ILA ANDIKA ID SAWA NA YA KWENYE INPUT YETU HAPO JUU.

USISAHAU PIA KULINKI NA MAFOLDER YAKO YA JQUERY

```

<!--jquery code for autocomplete javascriptcode---->
<script src="{% static 'DimosoApp/assets/jqueryui/external/jquery/jquery.js' %}"
type="text/javascript"></script>
<script src="{% static 'DimosoApp/assets/jqueryui/jquery-ui.js' %}"
type="text/javascript"></script>

<script >
$( function() {
  var availableTags = [
    "ActionScript",
    "AppleScript",
    "Asp",
    "BASIC",
    "C",
    "C++",
    "Clojure",
    "COBOL",
    "ColdFusion",
    "Erlang",
    "Fortran",
    "Groovy",
    "Haskell",
    "Java",
    "JavaScript",

```

```

    "Lisp",
    "Perl",
    "PHP",
    "Python",
    "Ruby",
    "Scala",
    "Scheme"

];

$( "#searchi" ). autocomplete({
  source: "{% url 'search_notes' %}",
});

});

</script>

```

HII YA CHINI NI TEMPLATE AMBAYO SISI TUTADISPLAY OUTPUT YETU BAADA YA MTU KUSEARCH

SEARCH_PDF.HTML

```

{% extends 'DimosoApp/base.html' %}
{% load static %}
{% load hitcount_tags %}

{% block content %}

<!DOCTYPE html>
<html>
<head>
  <title>{% block title %}Seasrch page {% endblock %}</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <style type="text/css">
    *{
      margin: 0px;
      padding: 0px;
      box-sizing: border-box;
    }
  #name{

```



```

width: 100%;
}
body{
  overflow-x: hidden;
  width: 100%;
}
a{
  text-decoration: none;
}
#testimonials{
  display: flex;
  justify-content: center;
  align-items: center;
  flex-direction: column;
  width: 100%;
}
.testimonials{
  letter-spacing: 1px;
  margin: 30px 20px;
  padding: 10px 20px;
  display: flex;
  flex-direction: column;
  justify-content: center;align-items: center;
}
.testimonials-heading h1{
  font-size: 2.2rem;
  font-weight: 500;
  background-color: #202020;
  color: white;
  padding: 10px 20px;
}
.testimonials-heading span{
  font-size: 1.3rem;
  color: #252525;
  margin-bottom: 10px;
  letter-spacing: 2px;
  text-transform: uppercase;
}
.testimonials-box-container{
  display: flex;
  justify-content: center;
  align-items: center;
  flex-wrap: wrap;
  width: 100%;
}
.testimonials-box{
  width: 500px;

```



```
    box-shadow: 2px 2px 30px rgba(0,0,0,0.1);
    background-color:white;
    padding: 20px;
    margin: 15px;
    cursor: pointer;
}

.profile-img{
    width: 50px;
    height: 50px;
    border-radius: 50%;
    overflow: hidden;
    margin-right: 10px;
}

.profile-img img{
    width: 100%;
    height: 100%;
    object-fit: cover;
    object-position: center;
}

.profile{
    display: flex;
    align-items: center;
}

.name-user{
    display: flex;
    flex-direction: column;
}

.name-user strong{
    color: black;
    font-size: 1.1rem;
    letter-spacing: 0.5px;
}

.name-user span{
    color: black;
    font-size: 0.8rem;
}

.reviews{
    color: red;
}

.box-top{
    display: flex;
    justify-content: space-between;
    align-items: center;
    margin-bottom: 20px;
}

.client-comment p{
    font-size: 0.9rem;
    color: black;
}
```



```

    font-weight: bold;
}

.testimonial-box:hover{
    transform: translateY(-10px);
    transition: all ease 0.3s;
}

</style>

</head>
<body>

<div class="container" style="width: 100%;overflow-x: visible;">

    <h1 style="color: green;">Looking For Your Searches</h1>

    {% if query %}

    <h3 style="color: red;font-weight: bold;">{% with results.count as total_results %}
    found {{total_results}} results
    {% endwith %}
</h3>

    {% for file in results %}

<div class="testimonials-box-container">
    <div class="testimonials-box">

        <div class="box-top">

            <div class="profile">

<div class="name-user" style="width: 100%;">
    <strong style="font-size: 30px;">File Name: {{file.name}}</strong>
    <span style="font-size: 17px;">File Owner: {{file.owner}}</span>

</div>
    </div>

        <div class="reviews" style="">

```



```

        {% if file.cover %}

<div class="" style="margin-top: 1cm;">
    
</div>
{% else %}

<div class="">
    
</div>
{% endif %}


</div>


</div>
<!--comments-->
<div class="client-comment">

<p>
    {% if file.pdf %}

        <a href="{{file.pdf.url}}" class="btn btn-primary btn-md my-0 p" type="submit"
style="margin-right: 2px;">View Pdf</a>
        {% else %}

<button class="btn btn-black btn-md my-0 p" style="padding: 2px;"> <span style="color: red;font-
weight: bold;font-size: 20px;margin-right: 2px;">No View </span> </button>

        {% endif %}

{% if file.pdf %}
    <a href="{{file.pdf.url}}" download class="btn btn-danger btn-md my-0 p"
type="submit">Download Pdf</a>
    {% else %}

        <button class="btn btn-black btn-md my-0 p" style="padding: 2px;"> <span style="color:
green;font-weight: bold;font-size: 20px;margin-right: 0cm;">No Download </span> </button>

        {% endif %}
    </p>
</div>

</div>

```

```

{% empty %}
<h1>These Notes not uploaded </h1>

{% endfor %}

{% else %}
<h3>Error in your query</h3>
    {% endif %}

<a href="{% url 'AploadView' %}" class="btn btn-primary btn-md my-0 p" type="submit"
style="margin-bottom: : 3cm;margin-bottom: 1cm;display: flex;font-weight: bold;font-size:
20px;width: 3cm;"> Go Back </a>
</div>

</body>
</html>
{% endblock %}

```

MODELS.PY

```

class UploadFiles(models.Model):
    filecourse = models.ForeignKey(FileCourse, on_delete=models.CASCADE, blank=True,
null=True)
    name = models.CharField(max_length=200, blank=True, null=True)
    owner = models.CharField(max_length=200, blank=True, null=True)
    pdf = models.FileField(upload_to='pdfs/', blank=True, null=True)
    cover = models.ImageField(upload_to='covers/', blank=True, null=True)
    year = models.CharField(max_length=200, blank=True, null=True)

    def __str__(self):
        return self.name

```

