



Name:I.Nilofer Nisha

Student ID:au951221104030

College Name : Jp College of engineering

django

VOTING WEB APPLICATION USING
DJANGO FRAMEWORK

PROJECT OVERVIEW

- Our project harnesses Django's robust framework to launch a versatile voting web application, enabling users to effortlessly create polls, vote, and view instant results.
- Tailored for a broad spectrum of uses, from community decisions to entertainment votes, it showcases our adept use of Django to build secure, user-friendly interfaces.
- This initiative not only underscores our technical prowess but also our dedication to enhancing participatory decision-making.

VOTING APPLICATION

- Our voting application offers a streamlined platform for conducting a variety of polls, from community decisions to entertainment preferences, enabling users to cast votes and see results in real time.
- Built with a focus on user engagement and security, it ensures a transparent and accessible voting process for all participants.
- This innovative tool is designed to facilitate democratic engagement and decision-making across diverse groups, fostering a participatory culture in any setting.

CODE

```
import os
import sys

def main():
    """Run administrative tasks."""
    os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'pollproject.settings')
    try:
        from django.core.management import execute_from_command_line
    except ImportError as exc:
        raise ImportError(
            "Couldn't import Django. Are you sure it's installed and "
            "available on your PYTHONPATH environment variable? Did you "
            "forget to activate a virtual environment?"
        ) from exc
    execute_from_command_line(sys.argv)

if __name__ == '__main__':
    main()
```

```
from django.contrib import admin
from .models import Question, Choice

admin.site.site_header = "The Poll Mall"
admin.site.site_title = "Voting Admin Area"
admin.site.index_title = "Welcome to our Voting Admin Area"

class ChoiceInline(admin.TabularInline):
    model = Choice
    extra = 3

class QuestionAdmin(admin.ModelAdmin):
    fieldsets = [(None, {'fields': ['question_text']}), ('Date Information', {'fields': ['pub_date'], 'classes': ['collapsible']}),]
    inlines = [ChoiceInline]

admin.site.register(Question, QuestionAdmin)

from django.shortcuts import render

def index(request):
    return render(request, 'pages/index.html')
```

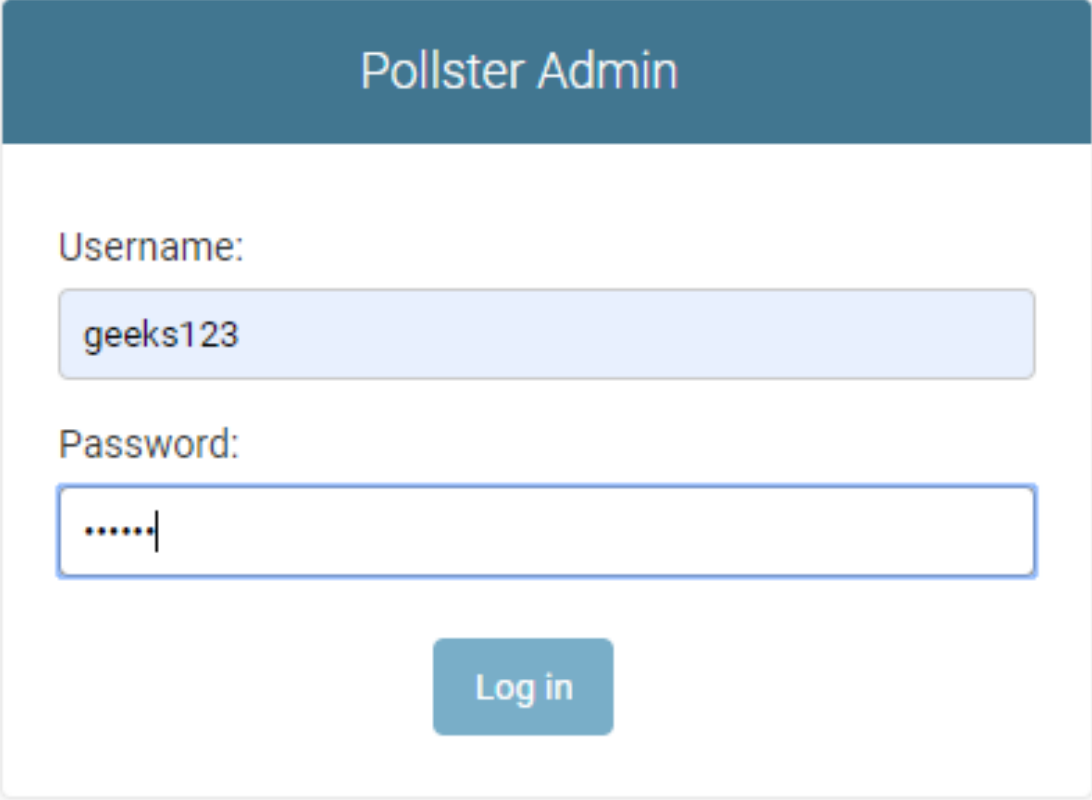
```
from django.contrib import admin
from .models import Question, Choice

admin.site.site_header = "The Poll Mall"
admin.site.site_title = "Voting Admin Area"
admin.site.index_title = "Welcome to our Voting Admin Area"

class ChoiceInline(admin.TabularInline):
    model = Choice
    extra = 3
class QuestionAdmin(admin.ModelAdmin):
    fieldsets = [(None, {'fields': ['question_text']}), ('Date Information', {'fields': ['pub_date'], 'classes': ['collapsible']})]
    inlines = [ChoiceInline]

admin.site.register(Question, QuestionAdmin)
```

Output



A login form titled "Pollster Admin" with a dark blue header. Below the header, there are two input fields: "Username:" with the value "geeks123" and "Password:" with masked characters ".....". A blue "Log in" button is positioned below the password field.

Pollster Admin

Username:

geeks123

Password:

.....

Log in

Output

Pollster Admin

Welcome to the Pollster Admin Area

AUTHENTICATION AND AUTHORIZATION

Groups

 Add

 Change

Users

 Add

 Change

POLLS

Questions

 Add

 Change

Output

[Home](#) › [Polls](#) › [Questions](#) › [Add question](#)

Add question

Question text:

What is Your Favourite JavaScript Framework

Date Information (Show)

CHOICES

CHOICE TEXT

VOTES

DELETE?

React

0

Angular

0

Vue

0

Meteor|

0



[+ Add another Choice](#)

Save and add another

Save and continue editing

SAVE

Output

Pollster

Poll Questions

What is Your Favourite Python Framework?

[Vote Now](#)

[Results](#)

What is Your Favourite JavaScript Framework or Library?

[Vote Now](#)

[Results](#)

Output

Pollster

[Back To Polls](#)

What is Your Favourite JavaScript Framework or Library?

- ☐ React
- ☒ Angular
- ☐ Vue
- ☐ Meteor

[Vote](#)

Output

Pollster

What is Your Favourite JavaScript Framework or Library?

React	0 votes
Angular	1 vote
Vue	0 votes
Meteor	0 votes

[Back To Polls](#)

[Vote again?](#)

Thank you