NEXT GEN EMPLOYABILITY PROGRAM

Creating a future-ready workforce

Team Members

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College Name

Shanmuganathan engineering college

CAPSTONE PROJECT SHOWCASE

Project Title

Voting Application using Django Framework-swetha-(4049,SEC)

Abstract | Problem Statement | Project Overview | Proposed Solution | Technology Used | Modelling & Results | Conclusion

Abstract : Django Online Voting System

Casting a ballot is a fundamental concept in our democratic structure. We consider voting to be one of the most essential rights in our society. The proposed **e-voting system** facilitates users in making their choices without physically visiting polling stations. This system leverages the power of the internet to enable eligible voters to cast their votes remotely.

Source :

Problem Statement

- ✓ The primary objective of the **Python Django online voting system** is to provide a convenient and efficient method for eligible voters to cast their votes using the internet.
- ✓ Voters can access the voting process through a secure website or a dedicated voting application.
- ✓ Aim to build a web application that facilitate voting on various questions . User can select their preferred choice for each question and t6he system will calculate and display the total votes

Source :

Proposed Solution

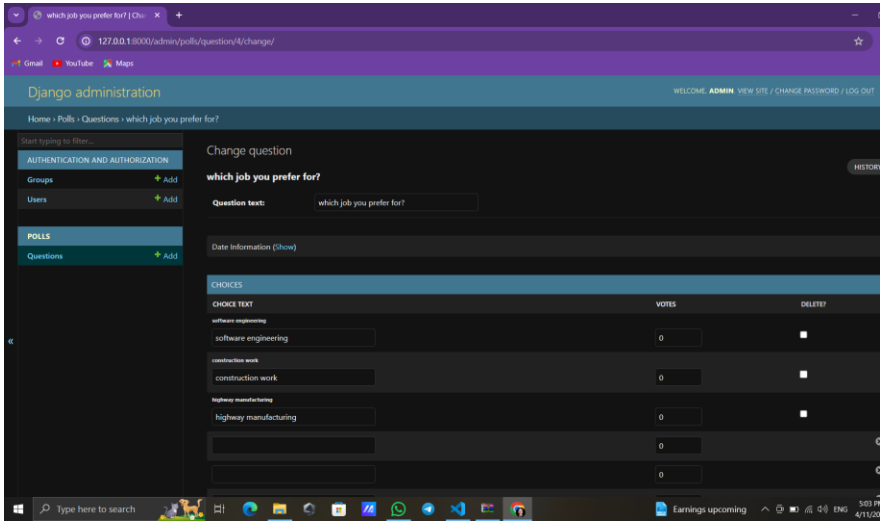
1.Project Setup:

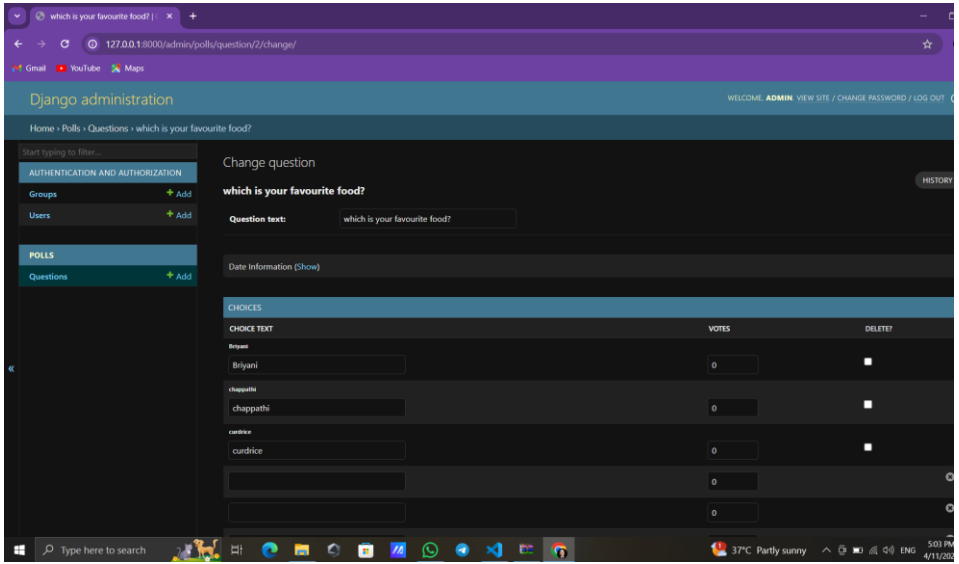
- Start a new Django project: **django-admin startproject voting_app**.
- Create a new Django app for the voting functionality: **python manage.py startapp vote**.

2.Models:

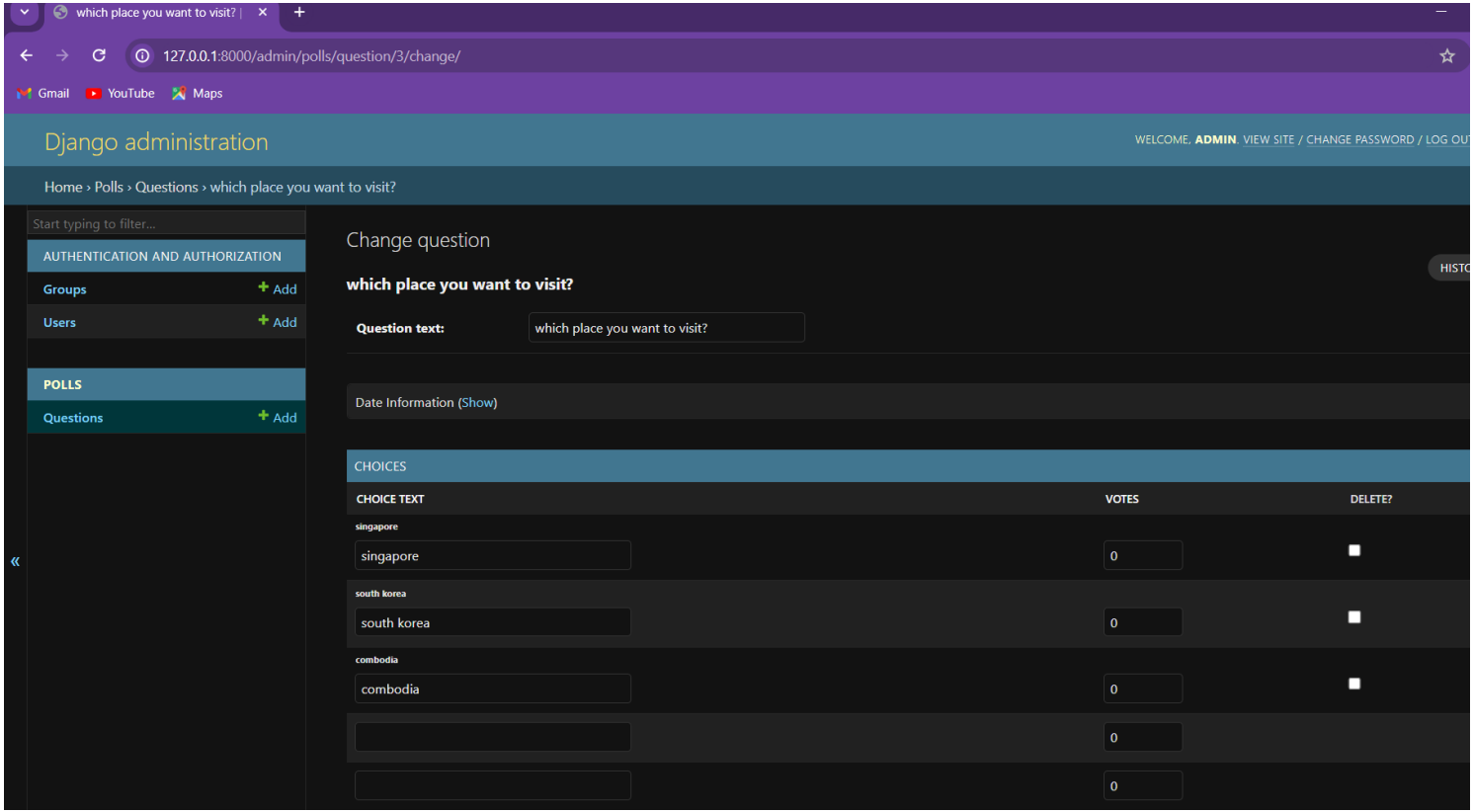
- Define models for your voting system. For example, you might have a **Poll** model to represent each poll and a **Choice** model to represent the choices for each poll.

Source :


Django administration
Home › Polls › Questions › which job you prefer for?
Change question
which job you prefer for?
Question text:
which job you prefer for?
CHOICE TEXT
VOTES
DELETE?
software engineering
construction work
highway manufacturing


Django administration
Home › Polls › Questions › which is your favourite food?
Change question
which is your favourite food?
Question text:
which is your favourite food?
CHOICE TEXT
VOTES
DELETE?
Briyani
chappathi
curdrice

Source :


which place you want to visit?
127.0.0.1:8000/admin/polls/question/3/change/
Gmail
YouTube
Maps
Django administration
WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OU
Home › Polls › Questions › which place you want to visit?
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
Users + Add
POLLS
Questions + Add
Change question
which place you want to visit?
Question text:
which place you want to visit?
Date Information (Show)
CHOICES
CHOICE TEXT
VOTES
DELETE?
singapore
singapore
0
south korea
south korea
0
combodia
combodia
0
0
0

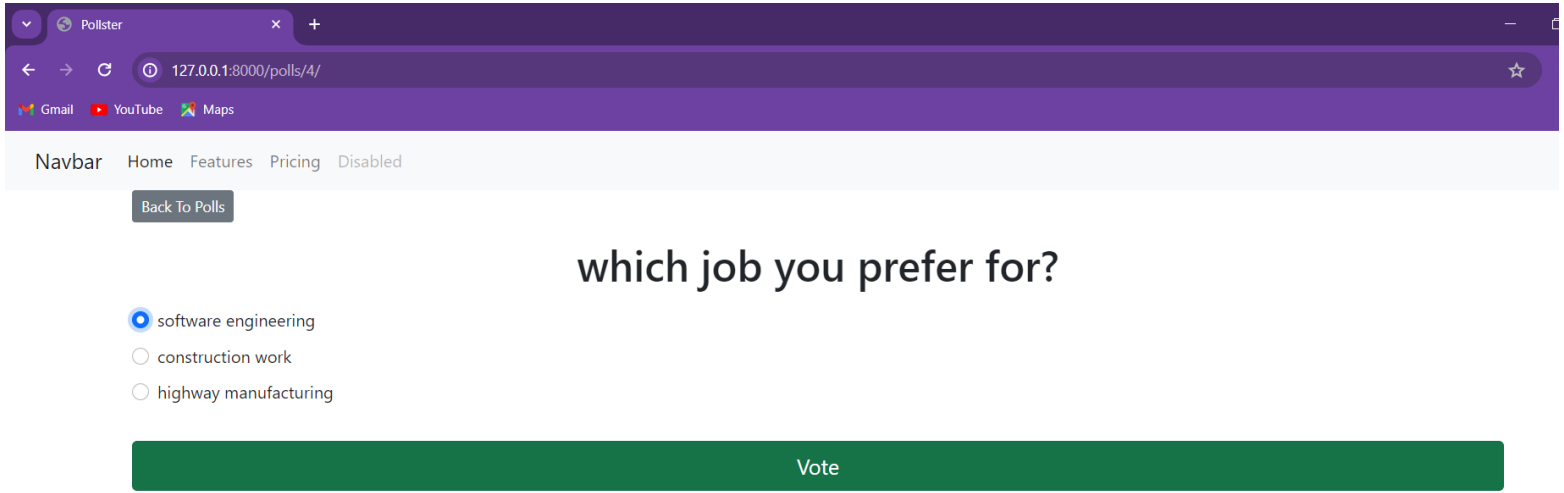
Source :

Technology Used

Front-end

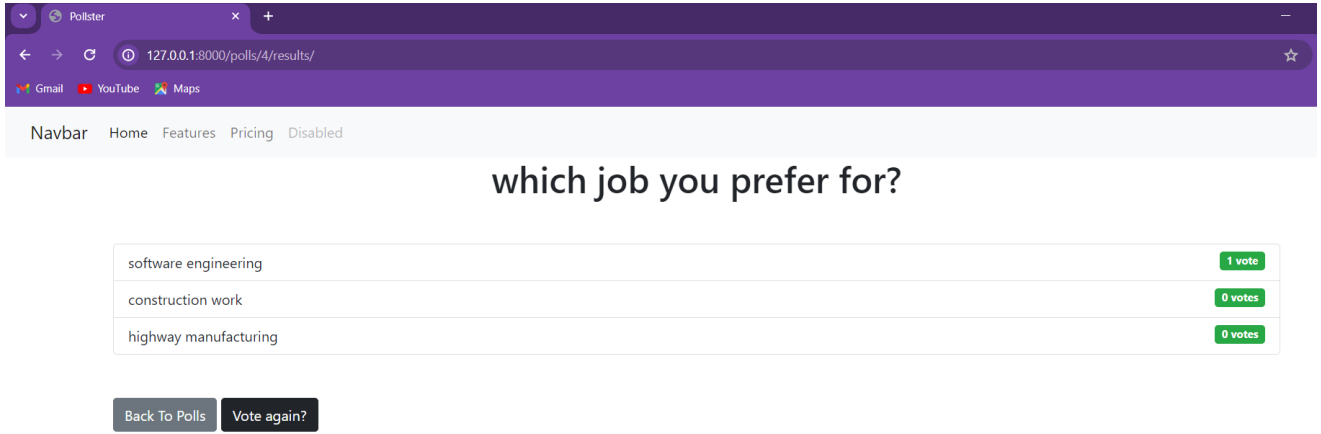
Back-end

Source :


Pollster
127.0.0.1:8000/polls/4/
Gmail
YouTube
Maps
Navbar
Home
Features
Pricing
Disabled
Back To Polls
which job you prefer for?
software engineering
construction work
highway manufacturing
Vote

edunet foundation

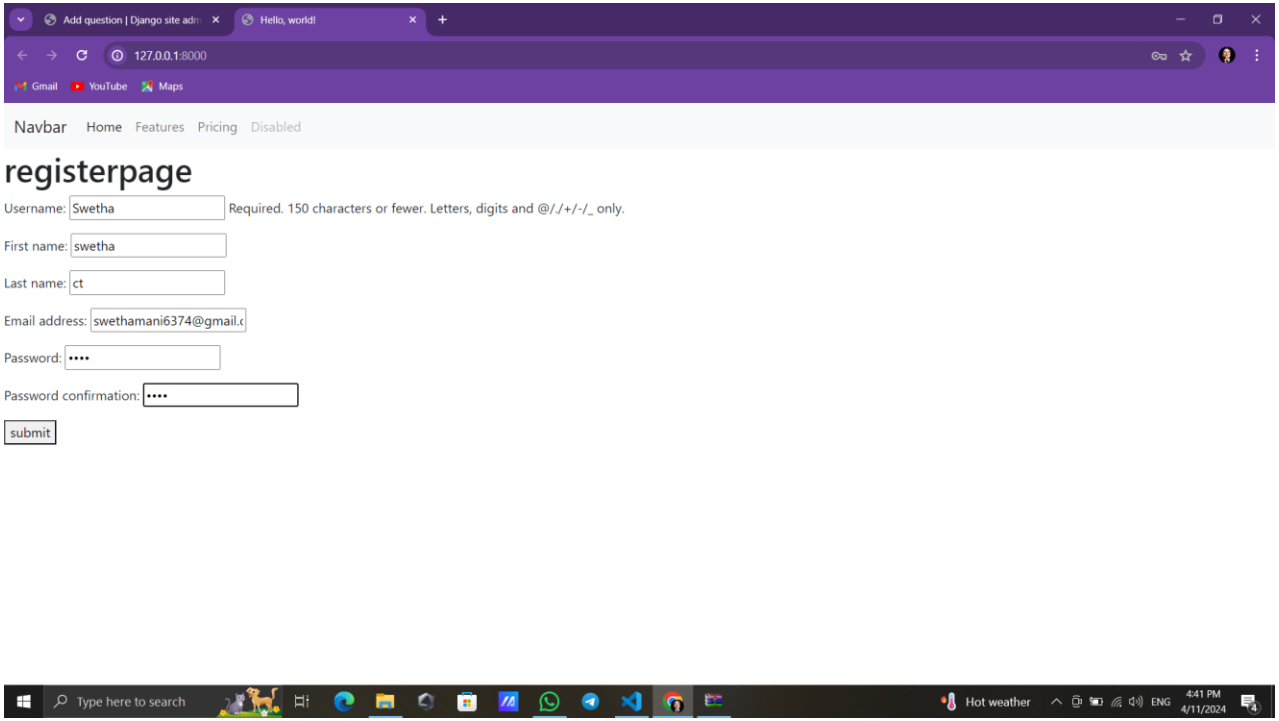
Modelling & Results



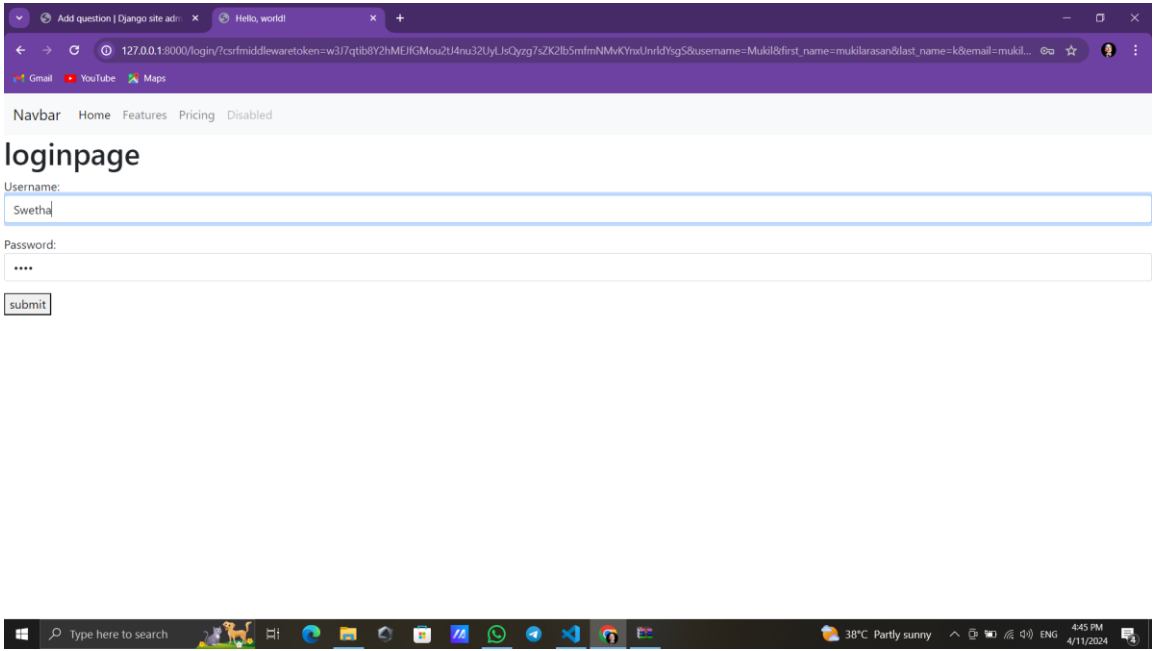
Source :

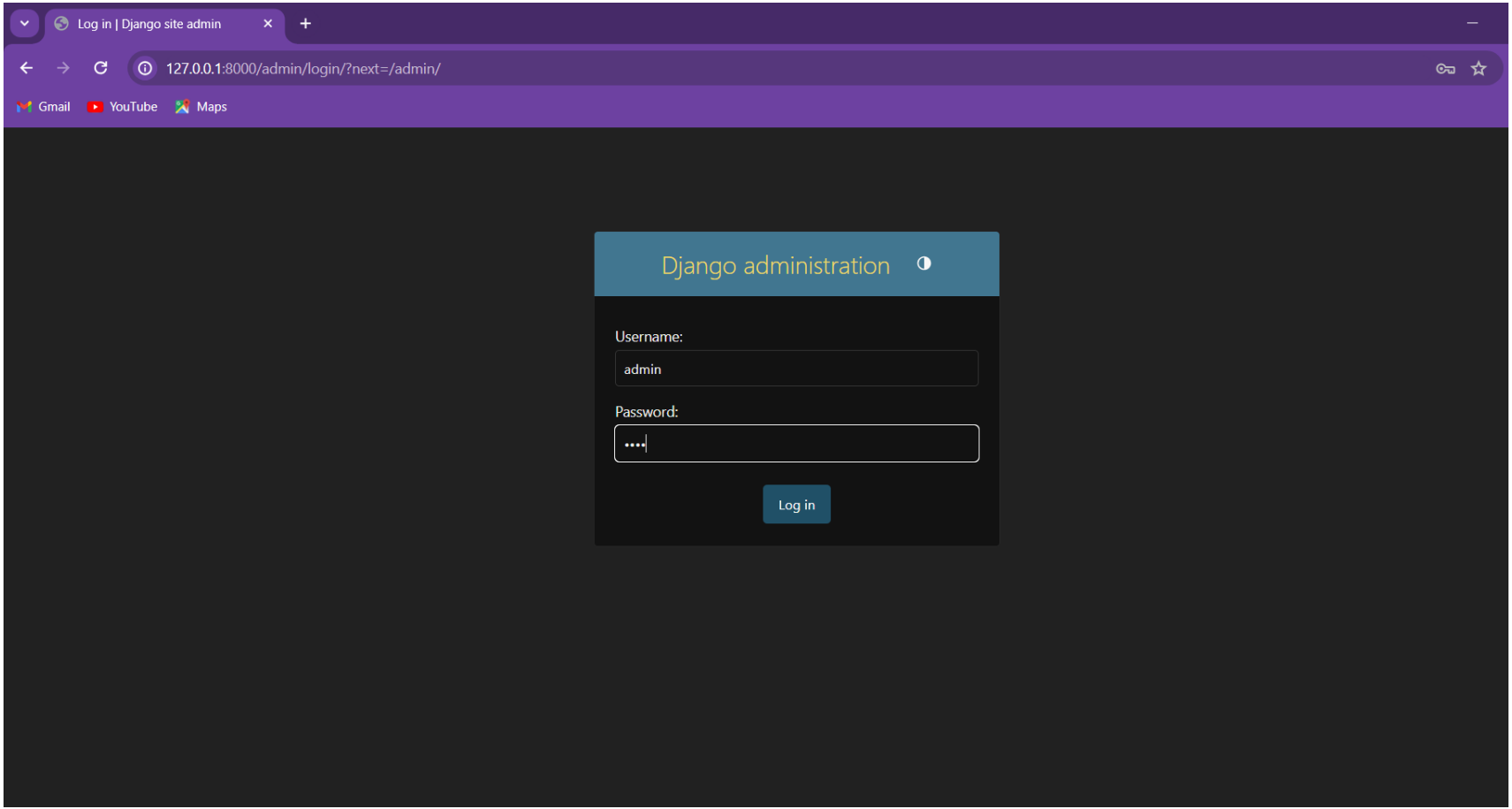
edunet foundation

Register page



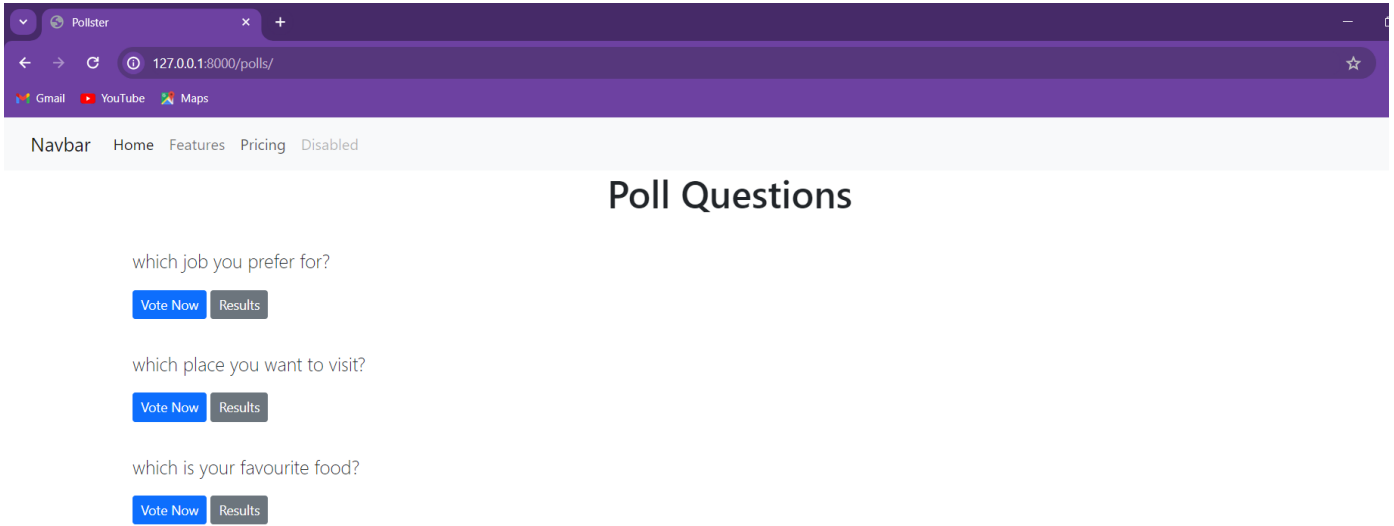
Login page


Add question | Django site adm
Hello, world!
127.0.0.1:8000/login/?csrfmiddlewaretoken=w3J7qtib8Y2hMEJfGMou2t4nu32UyLJsQyzg7sZK2lb5mfmNMvKYnxUnrldYsgS&username=Mukil&first_name=mukilarasan&last_name=k&email=mukil...
Gmail
YouTube
Maps
Navbar
Home
Features
Pricing
Disabled
loginpage
Username:
Swetha
Password:
submit
Type here to search
38°C Partly sunny
ENG
4:45 PM
4/11/2024

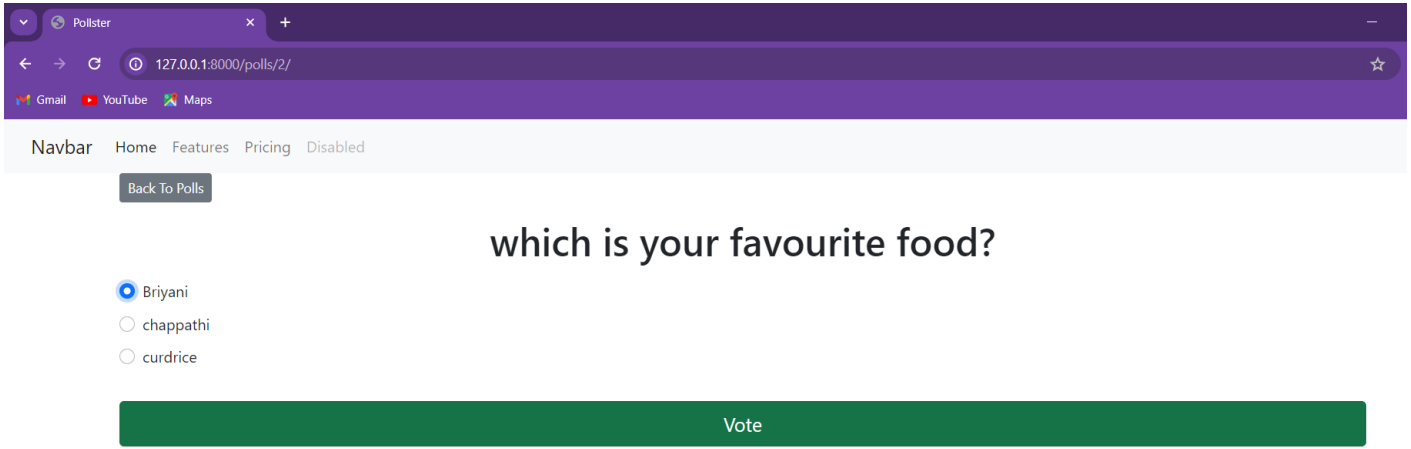

Log in | Django site admin
127.0.0.1:8000/admin/login/?next=/admin/
Gmail
YouTube
Maps
Django administration
Username:
admin
Password:
Log in

edunet foundation

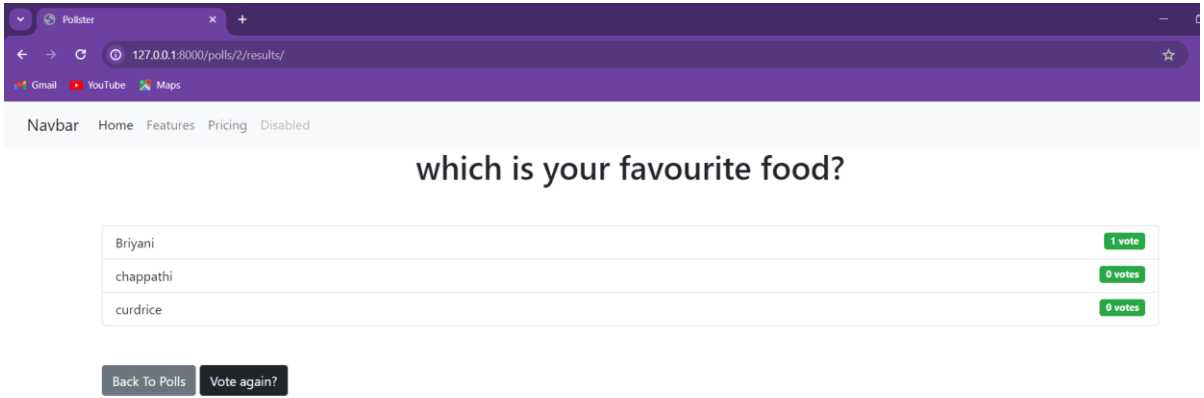
Question-page



Question-page



Result-page


Pollster
127.0.0.1:8000/polls/2/results/
Gmail
YouTube
Maps
Navbar
Home
Features
Pricing
Disabled
which is your favourite food?
Briyani
1 vote
chappathi
0 votes
curdrice
0 votes
Back To Polls
Vote again?

Conclusion

In conclusion, the Django polling application offers a comprehensive solution for conducting polls with various advanced features to enhance user experience and functionality. By leveraging Django's powerful framework, along with modern frontend technologies and third-party services, we've created a robust platform for managing polls and engaging users.

Real-time updates are facilitated through WebSockets or server-sent events, providing users with instant feedback on poll results without requiring page refreshes.

Thank You!