



NEXT GEN EMPLOYABILITY PROGRAM

Creating a future-ready workforce

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CAPSTONE PROJECT SHOWCASE

Project Title

V

Voting Application using Django Framework

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Abstract

The Django Voting Application is a modern and platform designed to facilitate the smooth conduct of elections in diverse contexts. Leveraging the Django framework's robust features, including authentication, database management, and scalability, this application ensures a seamless voting experience.

Project Overview

Voting App is a web application built using Django framework that allows users to create and participate in polls. Users can create polls, add choices, and vote for their preferred options. The application provides real-time results and supports multiple users interacting simultaneously.

Technology Used:

Front-end



Back-end



Features:

1. User Authentication
2. Ballot Creation
3. Candidate Selection
4. Voting Submission
5. Result Calculation
6. Security Measures
7. Accessibility
8. Audit Trail
9. Data Protection

Modelling:

In a voting application using Django framework, you typically have several models to represent different aspects of the application.

- 1.User Model
- 2.Poll Model
- 3.Choice Model
- 4.Vote Model
- 5.Comment Model
- 6.Notification Model
- 7.Subscription Model
- 8.Activity Log Model

Conclusion

In conclusion, the implementation of a voting application using the Django framework offers a robust and scalable solution for conducting transparent and efficient voting processes. By leveraging Django's built-in features for user authentication, data modeling, and security, developers can create a user-friendly platform that accommodates various voting methods and ensures the integrity of the voting process. With its flexibility, responsiveness, and customizable options, a Django-powered voting application provides organizations with the tools they need to manage voting events effectively while delivering a seamless experience for administrators and participants alike.

Thank You!