DIGITAL VOTING SYSTEM USING CLOUD COMPUTING

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ABSTRACT

This project presents a comprehensive digital voting system developed using PHP, aimed at enhancing the efficiency, security, and accessibility of electoral processes. The digital voting system incorporates features such as voter registration, secure authentication, ballot casting, and real-time result tabulation. Security mechanisms, including encryption and secure socket layers (SSL), are implemented to ensure the integrity and confidentiality of the voting process. The project demonstrates the feasibility of modernizing electoral systems through digital solutions, potentially increasing voter turnout and confidence in the electoral process..This project is designed so that elections could be conducted through digital medium.

Keyword : - *Voter, Group, Candidate, Web application, Online, Election, Voting, Results, Mobile.*

1. INTRODUCTION

In recent years, the need for efficient and secure voting systems has become increasingly evident. Traditional voting methods, while reliable, often suffer from various inefficiencies and vulnerabilities that can undermine the integrity of elections. These include logistical challenges, long lines at polling stations, delayed result processing, and risks of voter fraud. As societies continue to embrace digital transformation, the development of a robust digital voting system presents a viable solution to these problems.

2. CONCLUSIONS

The conclusion of a digital voting system is that it presents significant advantages such as increased accessibility, convenience, and efficiency in the electoral process. Digital voting can enhance voter turnout by making it easier for people to participate, especially those with mobility issues or residing in remote areas.

3. REFERENCES

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