**ONLINE VOTING SYSTEM**

**Problem statement:**

1. **Objective:** Develop a secure and user-friendly online voting system that allows eligible voters to cast their ballots electronically, ensuring the integrity, confidentiality, and accuracy of the election process.
2. **Security Concerns:** Address key security challenges, such as voter authentication, data encryption, and protection against tampering or fraud, to ensure that votes are recorded and counted accurately without external interference.
3. **User Accessibility:** Create an intuitive interface that is accessible to all eligible voters, including those with disabilities, ensuring compliance with accessibility standards and accommodating a wide range of devices and internet conditions.
4. **Scalability and Performance:** Design the system to handle large-scale elections with potentially millions of voters, ensuring fast, reliable performance with minimal downtime or technical issues during the voting period.
5. **Compliance and Auditing:** Implement features that comply with relevant legal and regulatory requirements for elections, including audit trails, vote verification mechanisms, and post-election reporting to maintain transparency and public trust.