

ABSTRACT

The design and implementation of a political survey mobile app with advanced algorithmic features can be a research-oriented project, as it involves the development of novel algorithms and the study of their impact on political engagement and polarization. Research in this area can contribute to a better understanding of how algorithms influence political attitudes and behaviors. For example, a study published in the Proceedings of the National Academy of Sciences (PNAS) found that Twitter's algorithms can amplify political content. Additionally, research has shown that the algorithms used by social media platforms like Facebook and Instagram play a significant role in shaping political news exposure and ideological segregation. Therefore, a research-oriented project on the design and implementation of a political survey mobile app could investigate how advanced algorithms can be used to minimize social influence and mitigate political polarization. This could involve the development of novel voting algorithms, as well as the use of location-based services (e.g., GPS) to authenticate user accounts and provide personalized survey content.