

Introduction :

Background : More than 50% of India's population is below the age of 25, and more than 65% below 35. So going by statistics, India's youth can play a fundamental role in shaping and running the biggest democracy in the world. Therefore it is of utmost importance to encourage and facilitate the participation of the younger generation in the electoral process.

Problem statement : How can we increase the participation of urban and youth voters in elections to ensure their involvement in the democratic process?

An election is called the festival of democracy, devise methods to engage urban and youth voters in this festival through various means such as gamified challenges, leaderboards, referral programs, etc.

Target Audience : The target audience for our proposed solution will be the youth with the age group from 18-35 , because we are giving them free NFT's . And the voters who are facing issues of large queue length will benefited with our solution.

Objective : Our supreme objective is to make youth voting turnout 100%.

Proposed Solution :

We have identified reasons why young youth don't turnout on voting day, those are:

- Lengthy queues and extended processing times at polling booths have been observed to discourage young voters from turning out on voting day.
- Lack of motivation and disinterest in the voting process have been identified as potential factors that prevent some young people from participating in elections.
- For newly eligible voters who have just turned 18 or older, obtaining a voter ID card may be a challenging and daunting task, which can further discourage them from voting.
- Insufficient education and awareness about the voting process and procedures can also contribute to the low turnout of young voters.
- Some young voters who are registered to vote may not turn out on election day because of the distance between their registered address and the polling booth, which can be costly and time-consuming to travel to.

Proposed Solution :

- Lengthy queues and extended processing times at polling booths have been observed to discourage young voters from turning out on voting day.

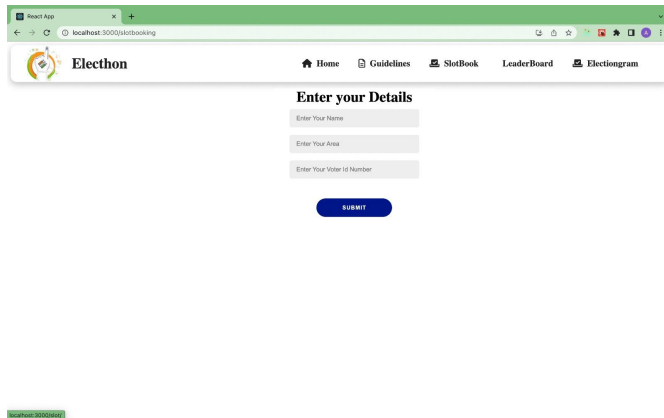
Slot Booking system

We propose implementing a solution to minimize lengthy queues during elections. Our solution involves allowing voters to book their preferred time slots according to their convenience and availability. This system will effectively reduce queue length by distributing voters evenly across available time slots. We believe that this approach will result in a more efficient and organized voting process, ultimately benefiting all involved parties.

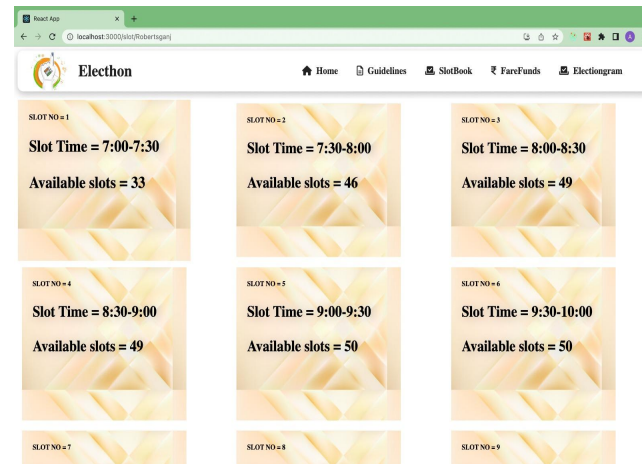
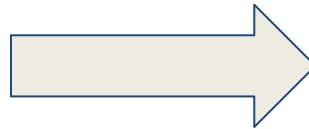
Additionally, our proposed system would enable the election officials to manage the crowds more effectively. With evenly distributed voters, officials could provide better assistance and ensure that the voting process runs smoothly without any hiccups. Furthermore, the reduced queue lengths would also enable officials to manage any issues that may arise, ensuring that every voter's right to vote is protected.

Proposed Solution :

Slot Booking system



The screenshot shows a web browser window with the URL 'localhost:3000/slotbooking'. The page has a navigation bar with links: Home, Guidelines, SlotBook, LeaderBoard, and Electiongram. The main heading is 'Enter your Details'. Below it are three input fields: 'Enter Your Name', 'Enter Your Area', and 'Enter Your Voter Id Number'. A blue 'SUBMIT' button is at the bottom.



The screenshot shows a web browser window with the URL 'localhost:3000/slot(Robertagar)'. The page has a navigation bar with links: Home, Guidelines, SlotBook, FareFunds, and Electiongram. The main content displays a grid of slot booking options for 'SLOT NO = 1' through 'SLOT NO = 9'. Each slot shows the 'Slot Time' and 'Available slots'.

SLOT NO	Slot Time	Available slots
1	7:00-7:30	33
2	7:30-8:00	46
3	8:00-8:30	49
4	8:30-9:00	49
5	9:00-9:30	50
6	9:30-10:00	50
7		
8		
9		

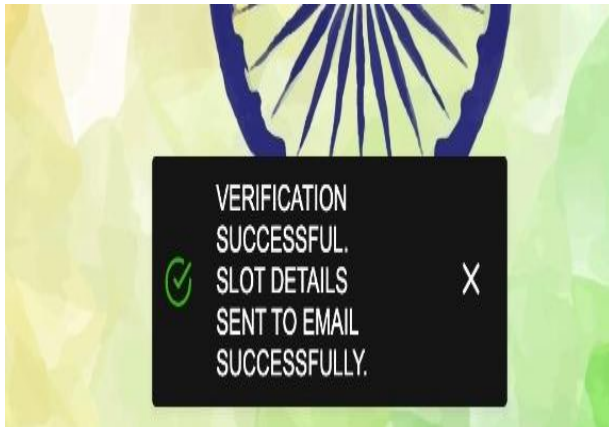
Step 1 : Enter the Name , Area
and Voter ID no.

Step 2 : By verifying from the data from the
government database , the user will be directly
redirect to the slots of respective polling booth

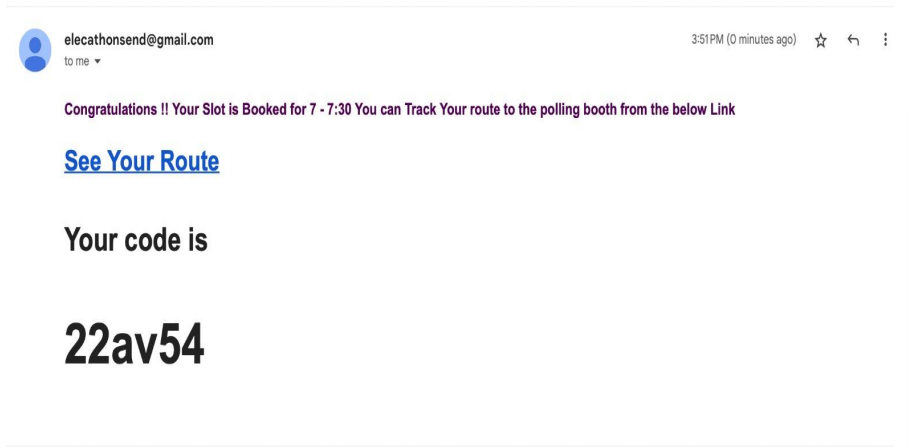
Proposed Solution :

Slot Booking system

The voter will get the toggle message for verification successful and slot details

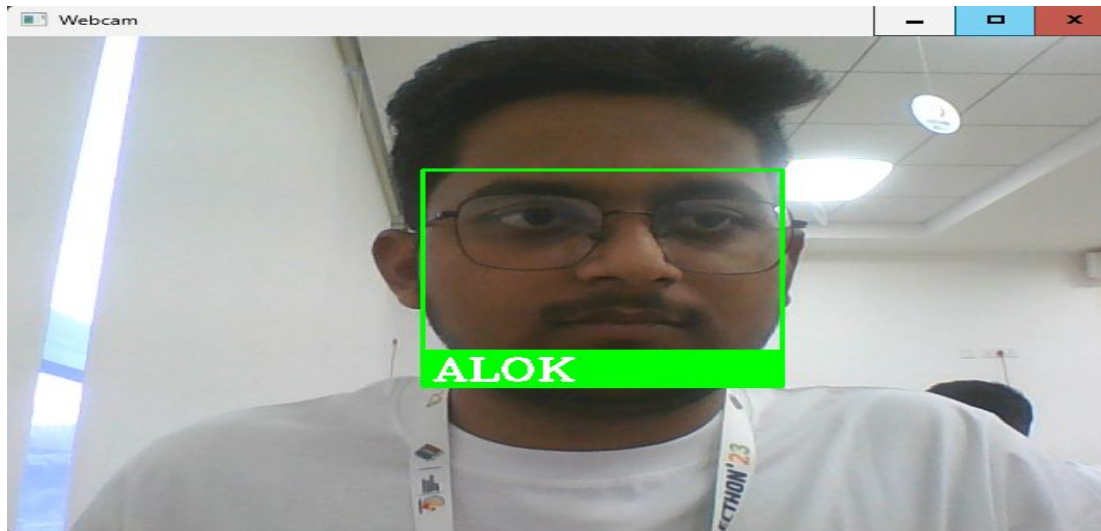


The voter will get the official mail after verification and timing of slots and a unique code .



Proposed Solution :

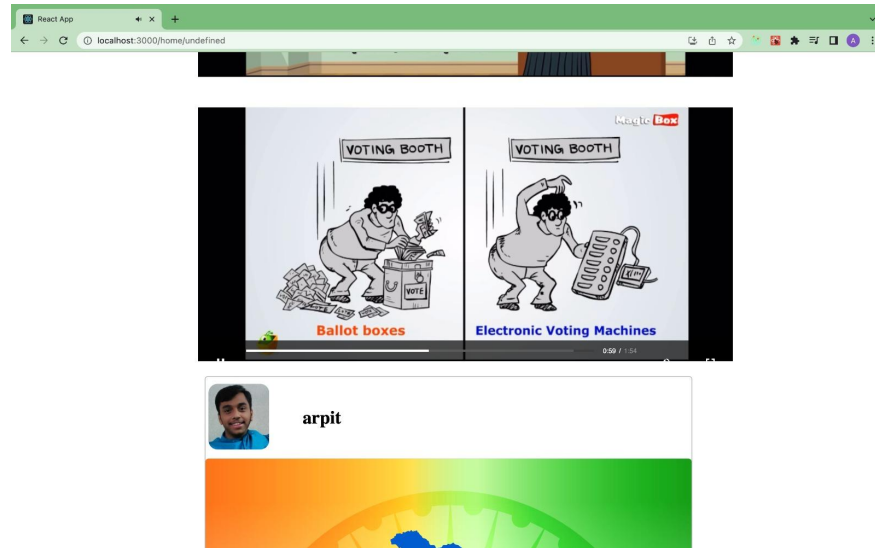
The voter will be detected on the polling booth and verified on the basis of facial detection and after verification the user the voter can directly overpass the document verification .



Proposed Solution :

Community Page

We have implemented community page to educate the voters and promote the voting culture .
we have also added animation features where the user can put animated video and promote their ideas
and voting culture



Proposed Solution :

Community Page

We have implemented leaderboard where the ranking is given on the basis of likes , which help in the engagement of the user on our website and encourage the voter to upload a good photo of giving voting as they could get motivated by seeing the other voters posting the voting photo's.

Leaderboard

All-Time



Virat Kohli

2310



Karan Ladha

2100



Sharukh Khan

1550

Technology/ Other Tools used :

- MongoDB for storing the database.
- ReactJS, HTML, CSS, JS for web application.
- Android Studio, Kotlin, MVVN, XML, Retrofit, Coroutines for android application.
- AI/ML for facial detection.
- CV2 , face_recognition .

THANK YOU

