BLOCKCHAIN TECHNOLOGY BASED E-VOTING SYSTEM

BY

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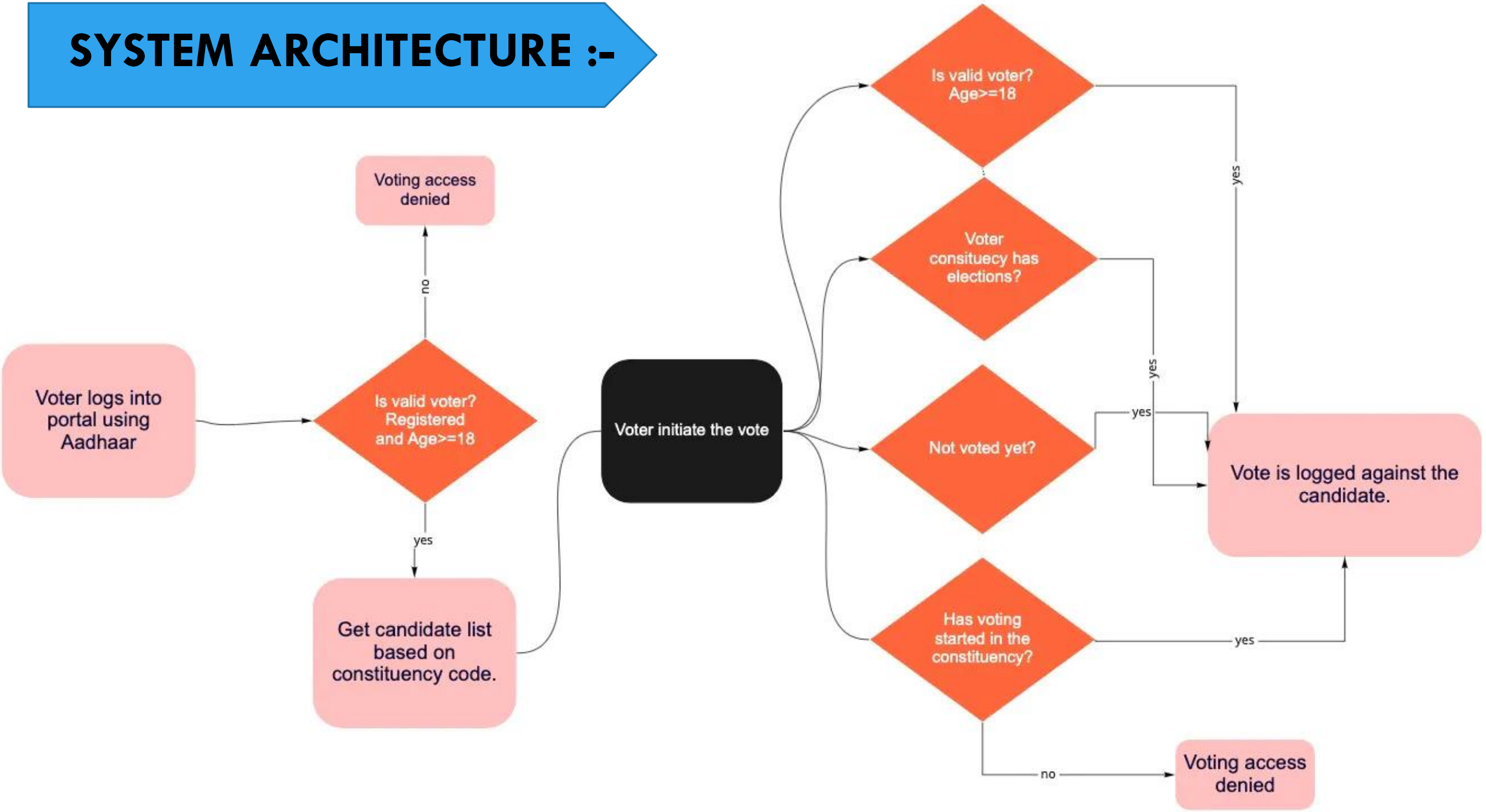
ABSTRACT :-

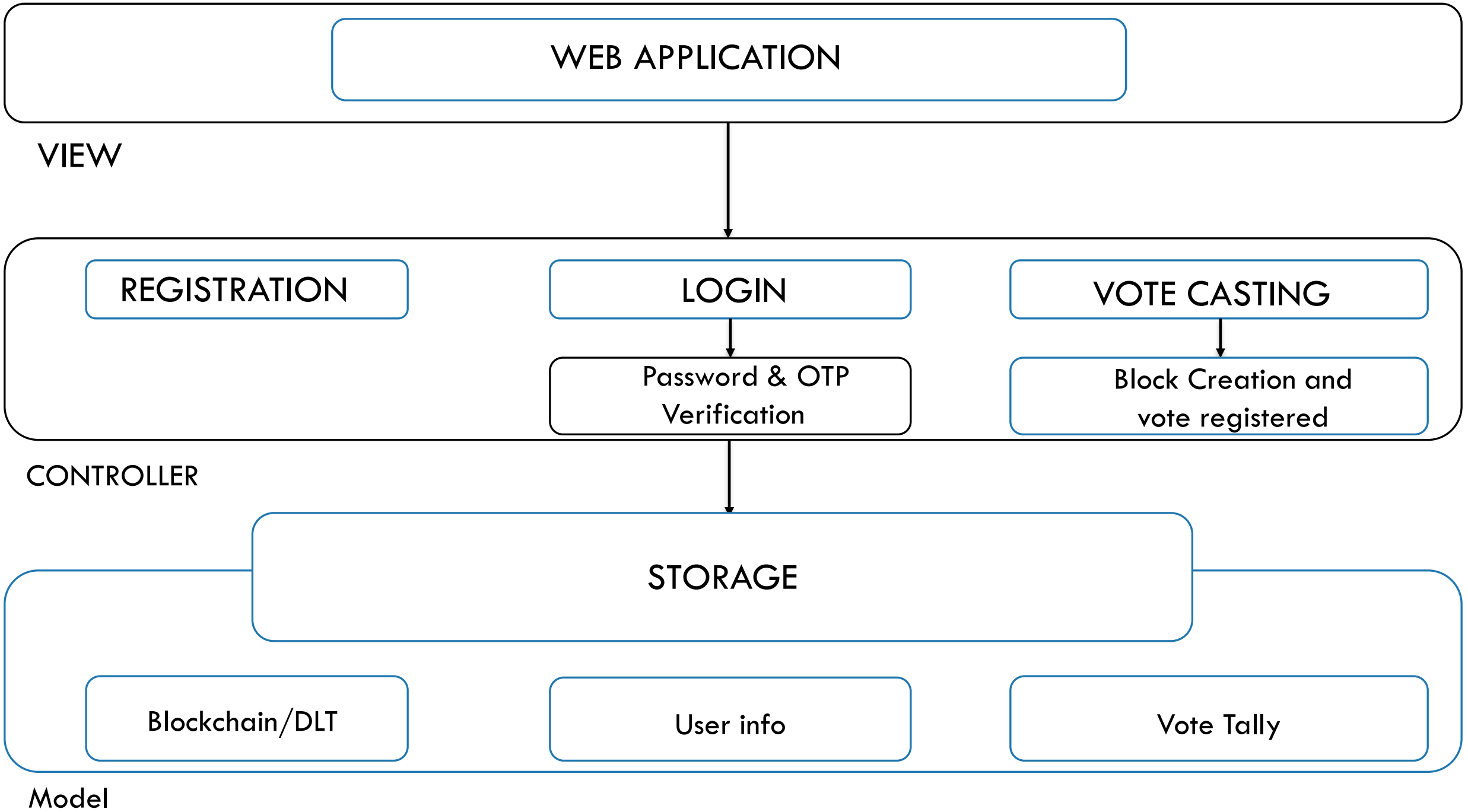
- The word “vote” means to choose from a list, to elect or to determine. The main goal of voting (in a scenario involving the citizens of a given country) is to come up with leaders of the people’s choice.
- Even the world’s largest democracies like republic of india, us, and japan still suffer from a blemished legal system. Vote rigging, hacking of the EVM (electronic vote machine), election manipulation, and booth capturing square measure the key problems within the current electoral system.
- An online voting system is a platform that allows organizational members to cast their votes electronically, which can be through a website, mobile app, or any internet-connected device. The drawbacks of this system is the security of online voting systems and lack of transparency.
- Blockchain could be a unquiet technology of current era and guarantees to enhance the resilience of e-voting systems. This technique presents a shot to leverage edges of blockchain like cryptological foundations and transparency to attain an efficient theme for e-voting.

INTRODUCTION :-

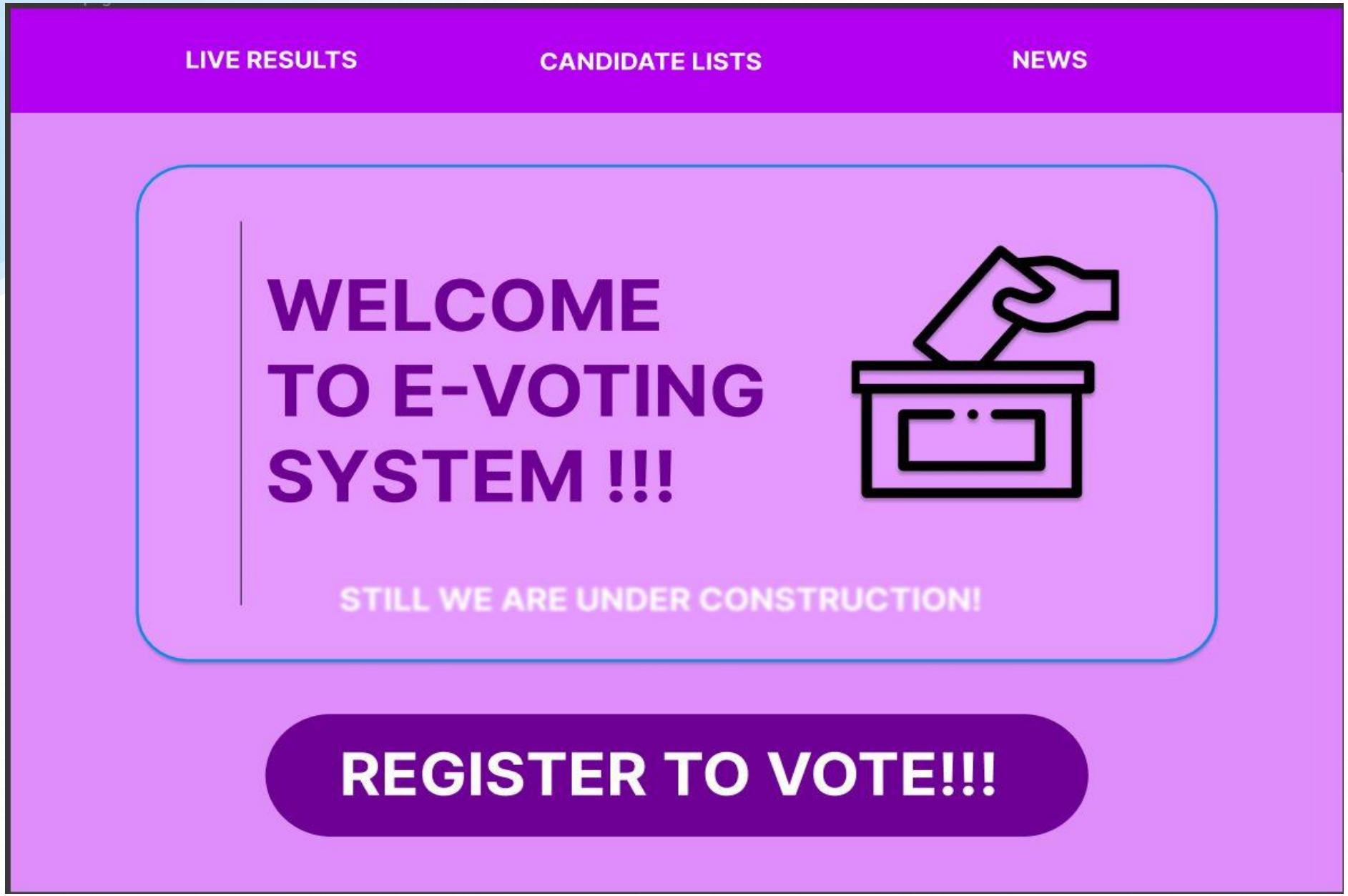
- Blockchain technology that shines like a star after the entrance and widespread acceptance of bitcoin, the very first cryptocurrency in peoples' everyday life, has become a trending topic in today's software worlds. Blockchain is a system of recording information in a way that makes it difficult or impossible to change, hack, or cheat the system.
- Blockchain technology provides a platform for creating a highly secure, decentralized, anonymized, yet auditable chain of record, used presently in cryptocurrency system. This same technology could also be used to record and report votes and prevent many types of voter fraud in elections. Especially after the misinformation surrounding the 2020 U.S. Presidential elections, the world may be ready for blockchain voting on larger scales.
- Like people's assets, marriage certificates, bank account books, medical information, etc., A lot of information can be recorded with this system with relevant modifications

SYSTEM ARCHITECTURE :-

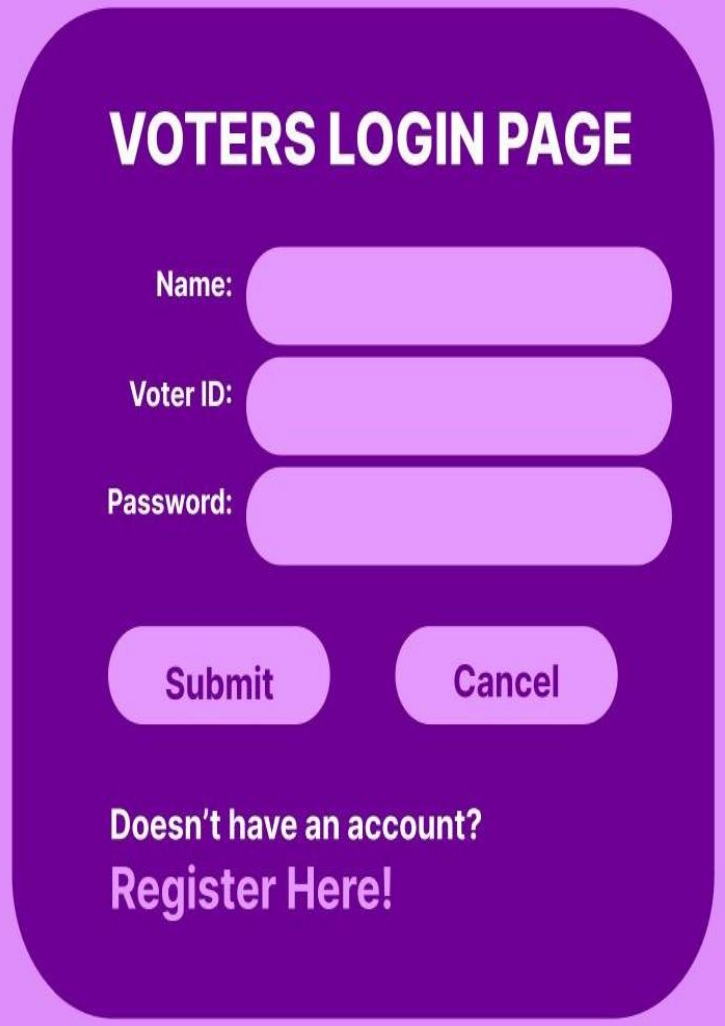



WEB APPLICATION
VIEW
REGISTRATION
LOGIN
VOTE CASTING
Password & OTP Verification
Block Creation and vote registered
CONTROLLER
STORAGE
Blockchain/DLT
User info
Vote Tally
Model

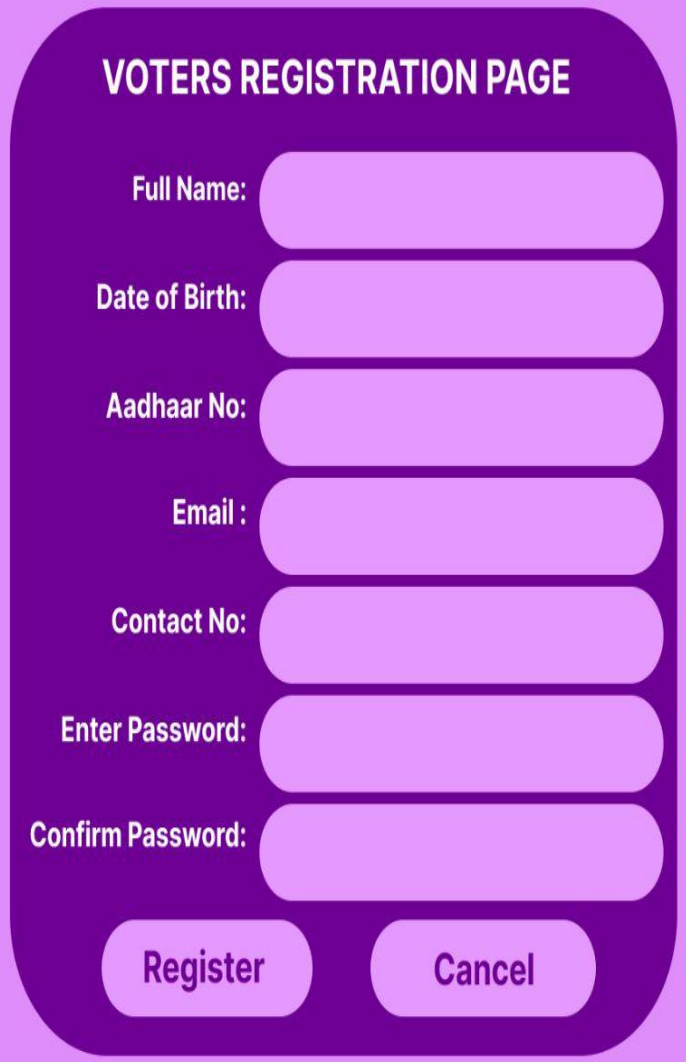
WELCOME PAGE



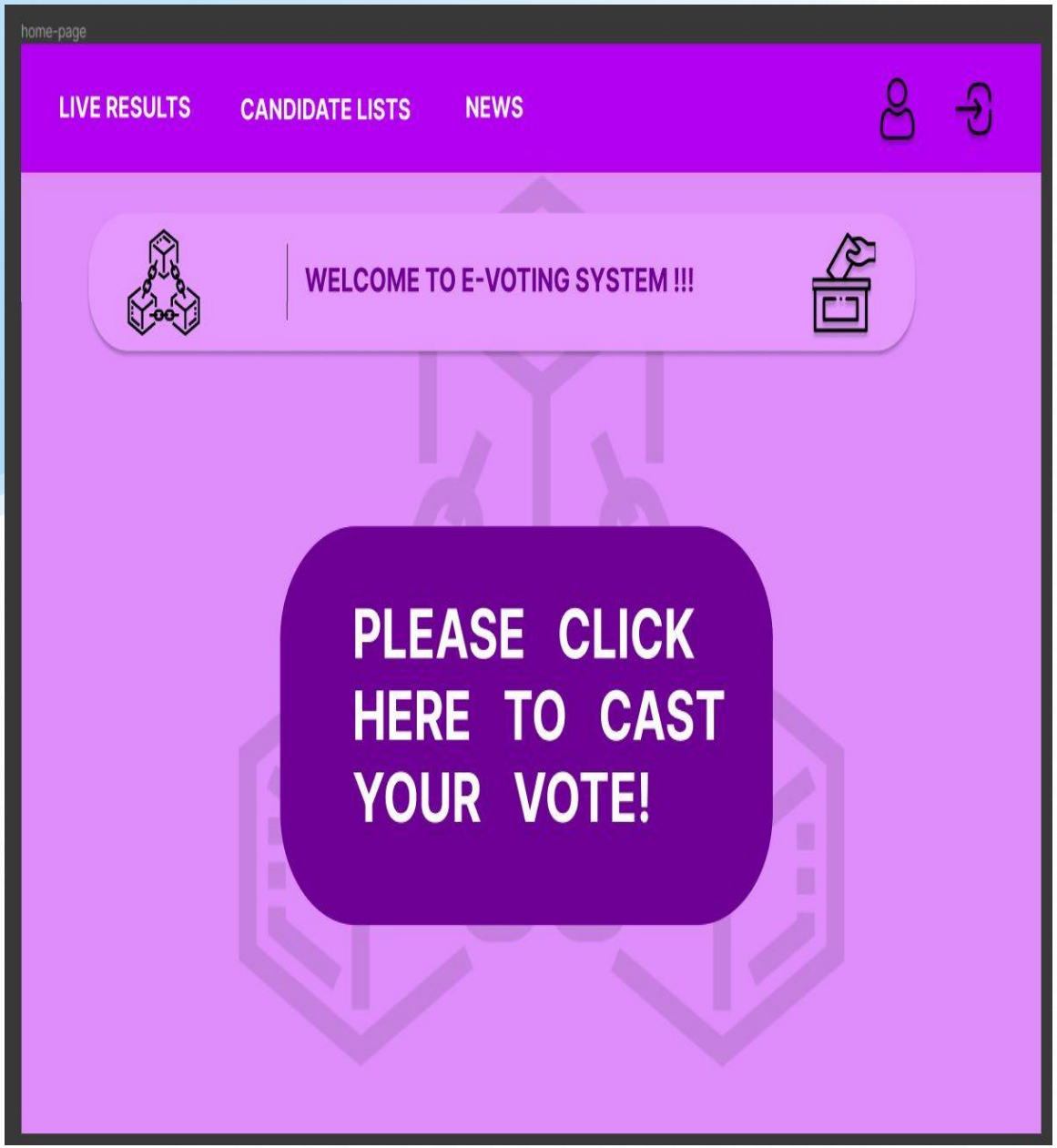
LOGIN PAGE



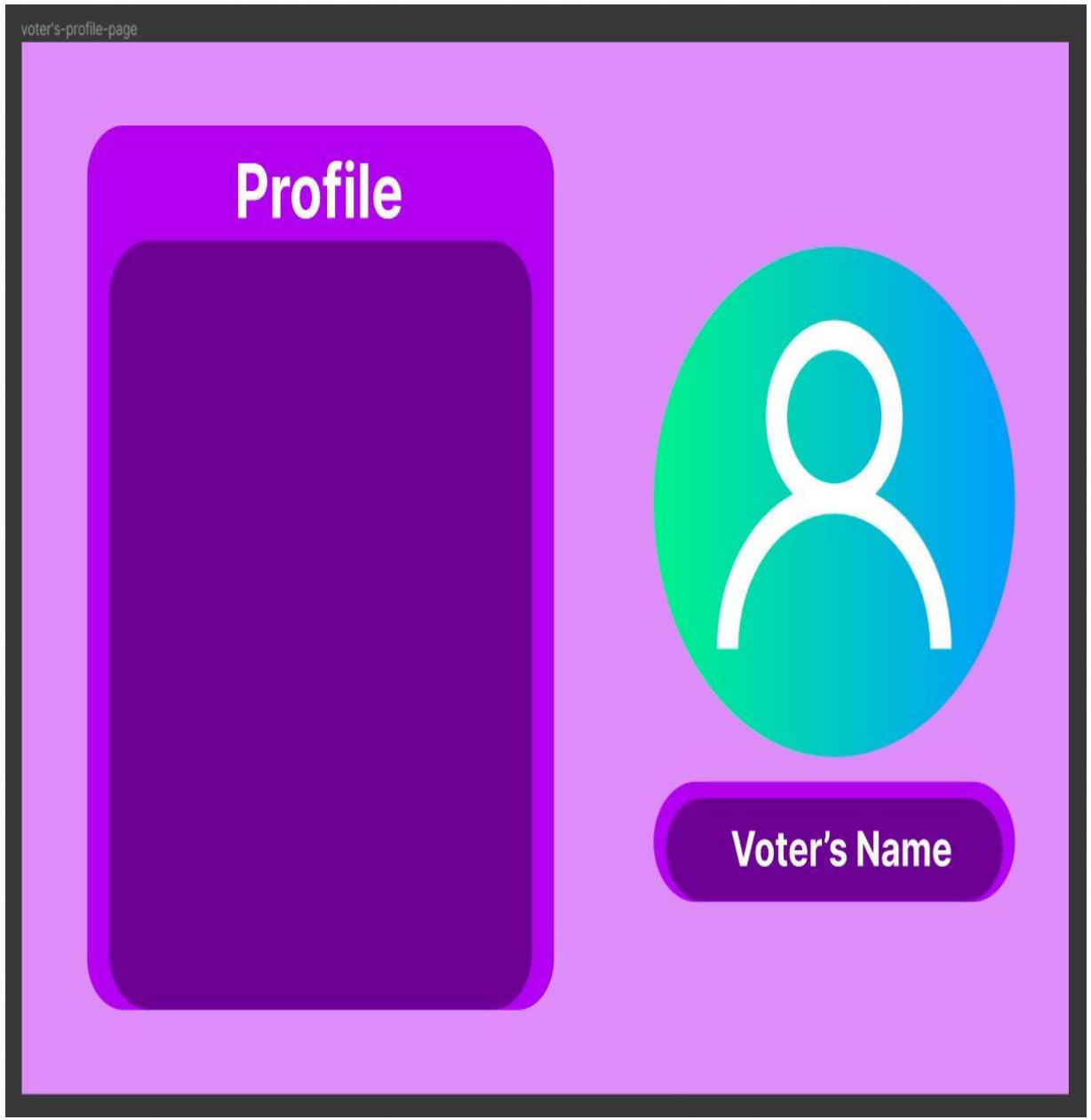
REGISTRATION PAGE



VOTING PAGE 1



VOTER PROFILE



CANDIDATE LIST

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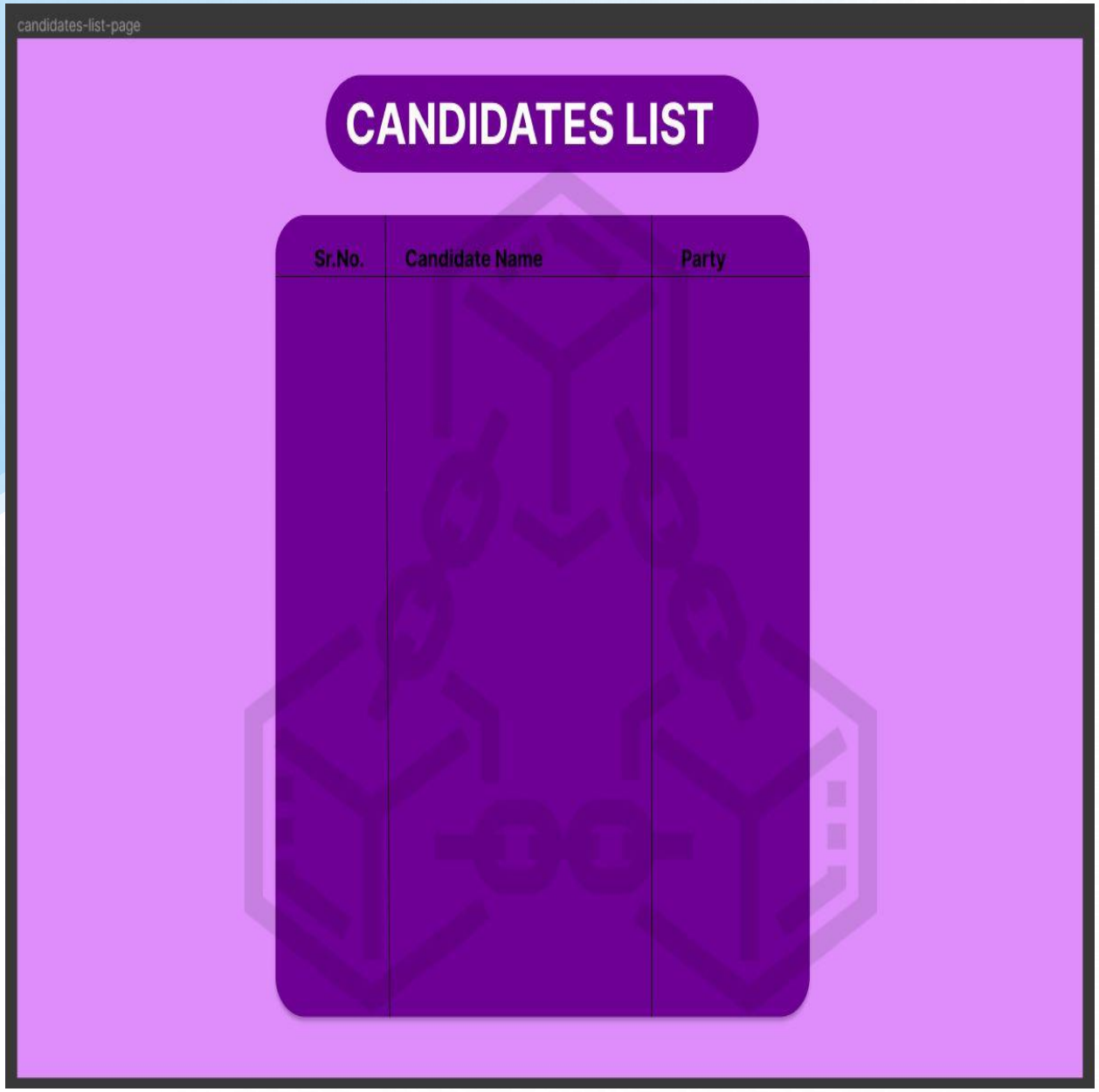
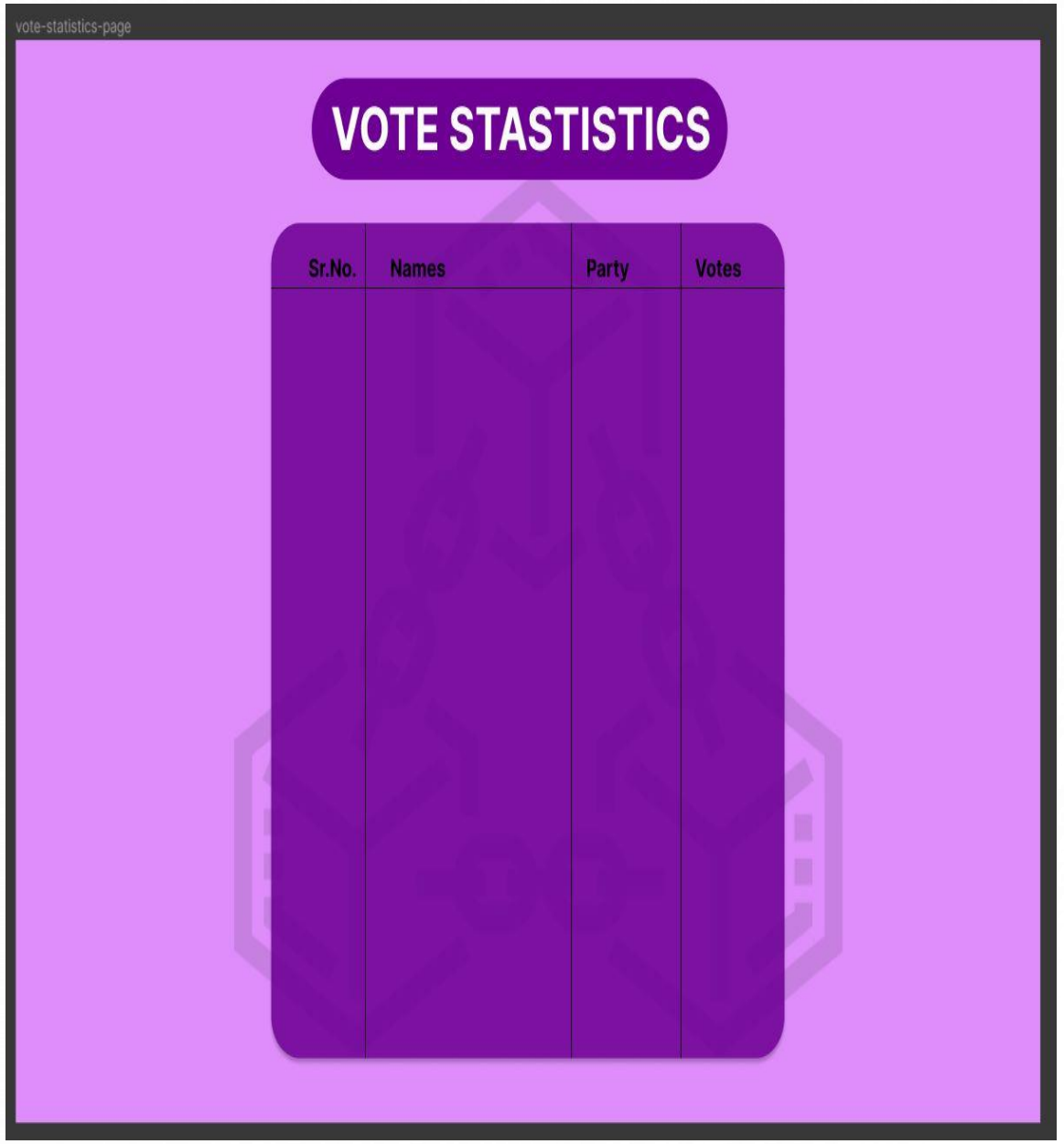


VOTE STATISTICS



VOTING PAGE 2

REFERENCE LINKS

- https://www.google.com/url?sa=t&source=web&rct=j&url=https://nevonprojects.com/electronic-voting-system-using-blockchain/&ved=2ahukewia8jsytuh6ahvxtgwghur-bzgqfnoecdkqaq&usg=aovvaw35yehd79edxe7mzgyztf-b
- how to build a blockchain-based e-voting system | apriorit
- https://www.leewayhertz.com/blockchain-identity-management/#:~:text=a%20blockchain%20identity%20management%20system%20will%20not%20store%20any%20user's,for%20identity%20holders%20as%20well
- https://ieeexplore.ieee.org/document/8863359
- **OUR WEBSITE LINK** : https://sriram-shravp.github.io/E-Voting-/

ABOUT US PAGE

about-us-page

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THANK YOU !!

FROM

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