KIET Group of Institutions, Ghaziabad

(An ISO – 9001: 2008 Certified & 'A+' Grade accredited Institution by NAAC)

Project Presentation (KCS 753)
E-Voting System using Blockchain
(PCS 24-23)

Project Guide : Mr. Akash Goel (Asst. Prof.)

Project Members

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Problem Statement

- The manual voting takes long time as there is a lot of paperwork and then human effort also for the counting of votes.
- Manual Voting consumes lot of time for the complete process.
- Online Voting Systems are prone to tampering of votes and it lacks transparency.
- We need an Online Voting System that tackles all these problems.

Objectives

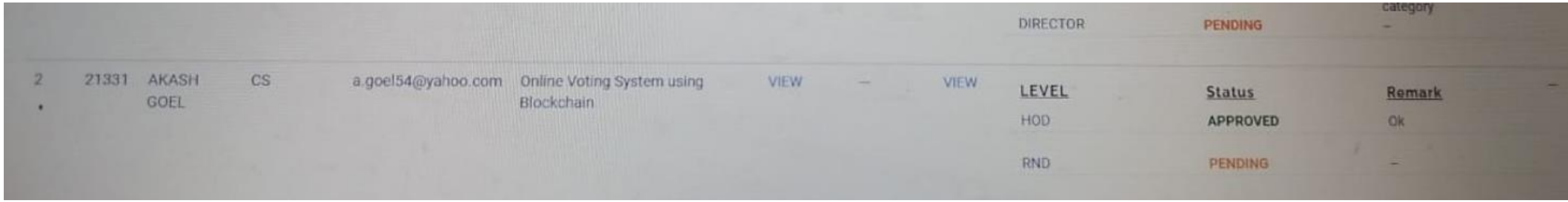
- **Provide secure and transparent platform for voting**
- **Prevent tampering of votes**
- **Ensuring results are accurate**
- **You can vote anytime/anywhere (During Pandemics like COVID-19 where it’s impossible to hold elections physically).**
- **More reliable process**

Technology Used

- Blockchain – Ethereum platform
- Hardhat
- Solidity
- MetaMask
- React.js
- Node.js

Patent Status

- Submitted
- Approved by HOD
- Under processing



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2.	21331	AKASH GOEL	CS	a.goel54@yahoo.com	Online Voting System using Blockchain	VIEW	–	VIEW	LEVEL	Status	Remark	–
									HOD	APPROVED	Ok	
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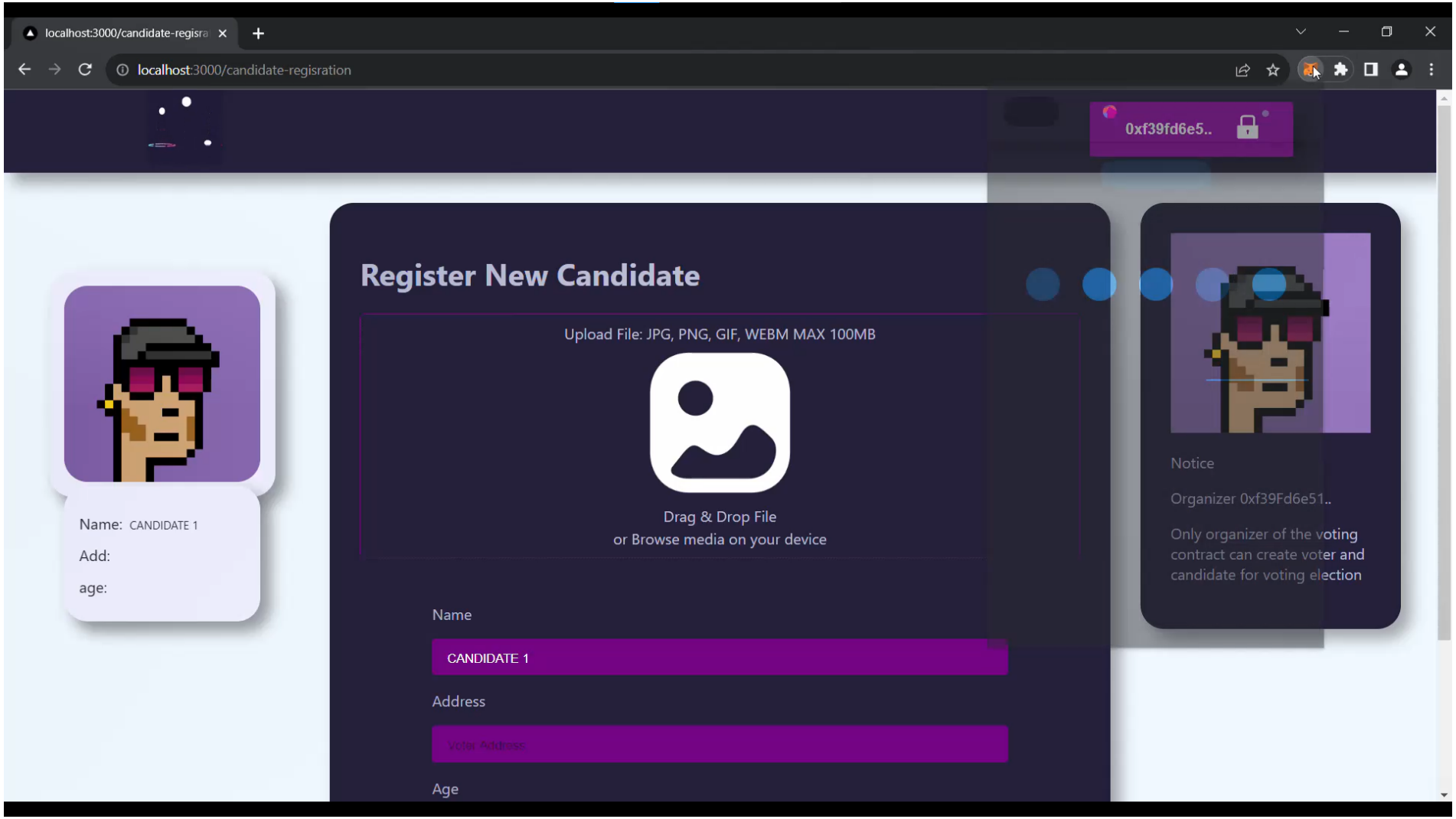
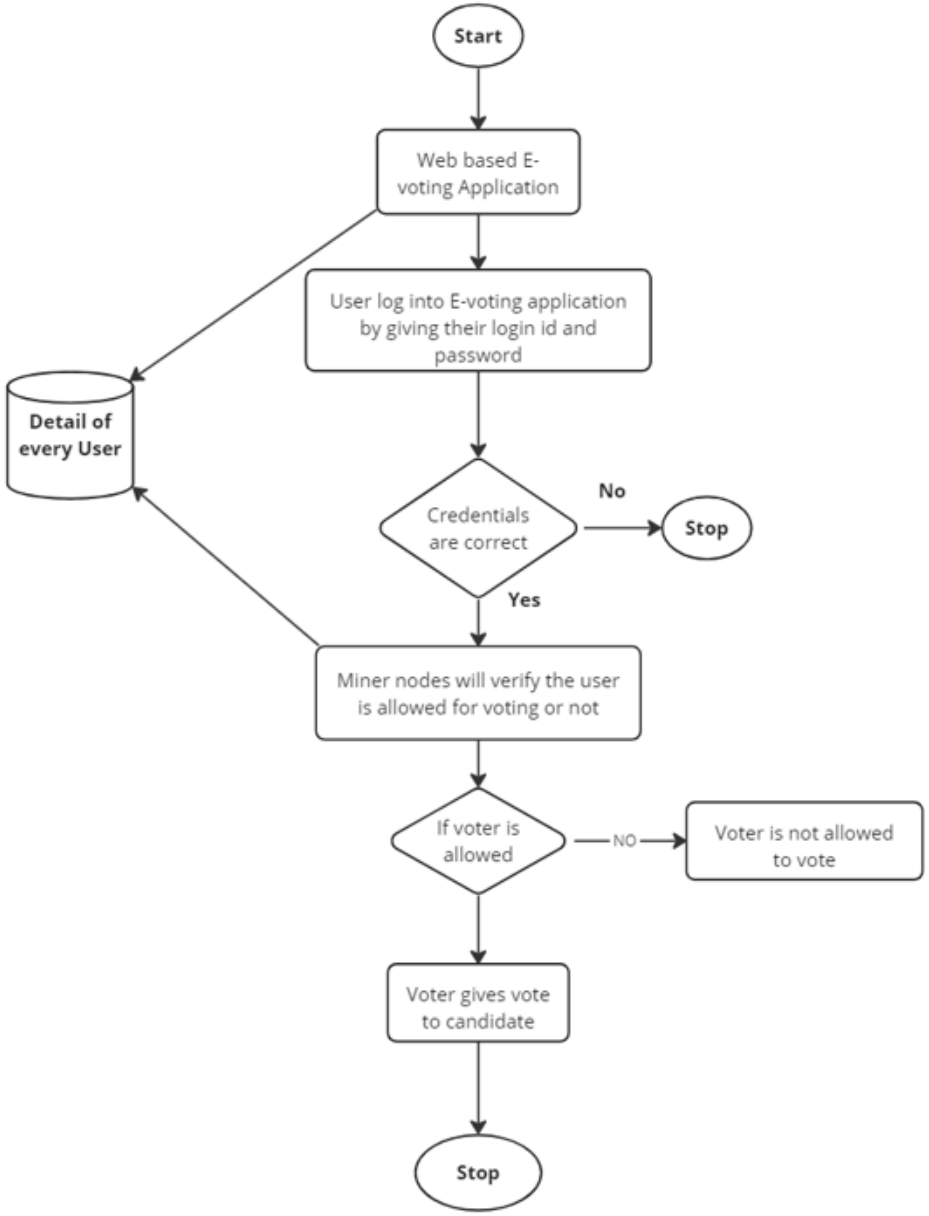
Project Status - 90%



Flow of Application



Research Paper Status

Working on Research Paper.

References

- 1.https://www.researchgate.net/publication/325096329_Secure_Digital_Voting_System _Based_on_Blockchain_Technology
- 2.https://www.researchgate.net/publication/331730251_Blockchain_And_The_Future_ of_the_Internet_A_Comprehensive_Review
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- 4. https://www.sciencedirect.com/science/article/pii/S0268401219302014