CPSC 559 – Advance Blockchain Technologies

Project: Decentralized Voting Platform

Team: ABCD

Progress Report

Project Description

Our project is based on the main idea of transitioning from the state of the centralized voting systems to the smart contract implemented in the Solidity programming language which is running on the top of the Ethereum blockchain. The goal is to look at how blockchain technology can provide transparent and completely safe voting processes. The issue at hand is the designation of the job. In the meanwhile, we do in-depth study on blockchain theories that are pertinent to our endeavor.

Team Member (Team: ABCD)

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Progress:

Previous progress, we divided tasks amongst team members based on skillset end expertise to frontend and backend development. Moreover, we're in process to deploy to local env before exploring public test net options.

So far, we successfully deployed voting smart contracts on local Ethereum env i.e Ganache, and looking to forward to extend the deployment on public test net on internet.

We're exploring Sepolia and Goerli.

Issues and Challenges:

Versions compatibility for Nodejs and solidity compilers. Other than that, we don't have any technical issues as of now.