

Voting application

A decentralised **voting application**, where users are allowed to create polls/votes. And other users can record their vote on the options available in exchange of ether.

Functional Requirements

- The application should use Metamask to execute transactions on the network.
- Each user is allowed to:
 1. Browse and cast ONE vote on existing polls and receive pre-determined ether.
 2. Create polls.
 3. Once the polls end, all results for all polls should be made available publicly for the participants.
 4. Non-participants can pay ether to view results.
- Each poll
 1. Should have a title.
 2. Should have a description.
 3. Should have options.
 4. Should have a start time, end.
 5. Ether amount for reward.
 6. A result of the poll, pay to view for non-participants.

Tech Stack

- **Solidity** (Smart Contract)
- **Ganache** (Local ethereum test blockchain for testing)
- **Truffle** (DApp Framework)
- **Web3.js**
- **Metamask**
- **Ethereum Network**
- **HTML, CSS, JS/Angular/React**