

A KYC application

A KYC application, where users can upload a piece of information about themselves, and request other users to verify. Other users can request this verified piece of information in exchange for ether.

Functional Requirements

- All transactions using metamask.
- A user can
 - Fill a form about a piece of information (such as name or schooling) and request verification from other users.
 - See request from other users and accept or decline it.
 - More than one validation for same information is possible, but not by same user.
 - Validating another user should cost this user some ether. This way he is staking his validation about this piece of information with ether.
 - View verified information about other users, as in how much ether is staked with a given user in exchange of ether, which is equally divided among all verifiers.

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**