

IPFS file storing

A **IPFS file storing** application. A simple DApp to upload a document to IPFS and then store the IPFS hash on the Ethereum blockchain. Once the IPFS hash number is sent to the Ethereum blockchain, the user will receive a transaction receipt. A dashboard to view all the files.

Functional Requirements

- The application should use Metamask to execute transactions on the network.
- The user should
 1. View all the files uploaded to IPFS as list
 2. Clicking should take to file on ipfs network in a new tab
 3. Add a new file, which should be uploaded to IPFS, and its multihash stored on the ethereum network.

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**