**Cmd:**

ganache-cli -p 8545

truffle compile

truffle migrate

npm run dev

**Intro:**

The basic overview contains three critical components Smart-Contract, Front-End with Web3.js integration

Blockchains are a unique solution which addresses these issues discussed before. The blockchain is fundamentally a way to provide reliability and safety by redundancy. A new way which can democratize the process of Social networking.

Microblog uses the ethereum address as a reference to the user much like a handle on Twitter to uniquely identify the user apart. Anyone with a ethereum account can join the network and post their thoughts. Every user joins the network by signing in using a username and password.Once registered the user must log-in before creating a post.

The posts are displayed in a simplified interface in real-time with no censorship possibility.

**A Post contains:**

Username.

Address of author.

Post data.

Data Time of the post.

**Tech :**

Solidity

Truffle frameworks

Ganache (Local Deployment)

MetaMask(Web3 Injection into browser)

Web3.js (FrontEnd)

HTML & Bootstrap (Designing FrontEnd)

git clone <>

truffle migrate --network <ganache> --reset

truffle test

truffle console

Interact with web3.js

**Steps to compile GUI**

git clone <>

In terminal run npm install .

Open a browser and ensure MetaMask is set up to custom RPC http://localhost:8545

Run Ganache

In terminal run npm run dev

**error :**

npm dedupe

echo fs.inotify.max\_user\_watches=524288 | sudo tee -a /etc/sysctl.conf && sudo sysctl -p