

HOW TO RUN THE PROJECT

REQUIREMENTS:

- 1) npm , Node.js //for packages and server
- 2) Ganache //for local blockchain with dummy accounts loaded with ethers for transactions
- 3) IPFS client //for storing documents in decentralized storage
- 4) MetaMask //for connecting the website with blockchain (localhost), for transactions, and for accounts and token management
- 5) Truffle //for deploying contract on local blockchain
- 6) Mongo DB

INSTALLATION:

step 1. Navigate to repository:

```
cd Digital-Document-Verification-using-Blockchain
```

step 2. Navigate to frontend folder

```
cd main/frontend
```

step 3. Install dependencies for frontend

```
Digital-Document-Verification-using-Blockchain>main>frontend>npm install
```

step 4. Navigate to backend:

```
cd..
```

```
cd backend
```

step 5. Install dependencies for backend

```
Digital-Document-Verification-using-Blockchain-and-IPFS>main>backend>npm install
```

step 6. Start Ganache

step 7. Start IPFS

step 8. Run frontend

```
Digital-Document-Verification-using-Blockchain-and-IPFS>main>frontend>npm start
```

step 9. Run backend

```
Digital-Document-Verification-using-Blockchain-and-IPFS>main>backend>npm start
```