Celo Sage tutorial on implementing Decentralized storage using IPFS DAGs and Merkle trees

**Introduction**

The blockchain ecosystem has done a lot of progress in the decentralized storage field. However, these technologies are still abstract and people generally don’t know or understand the tech behind it. This tutorial will help you decode this mechanism and also implement a new system in order to maintain user authenticity and data immutability

**Prerequisites**

**Requirements**

1)We'll need Metamask in this tutorial, install it from [here](https://metamask.io/). Once metamask wallet is installed please keep the secret phase stored somewhere (don’t share it with anyone).

2) Make sure you have NodeJs 16.18.0+ version installed. This is the installation [link](https://nodejs.org/en/)

**Let’s start building!**

**Step-1) Project Installation and Initiation**

Firstly, create an empty folder named Deso (Short form for decentralized storage 😊). Now inside this folder create a new folder named backend and cd inside this folder.

Perform the following commands: