



Blockchain Technology IA1 : Decentralised Google Drive

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Problem Statement

The problem at hand is to create a decentralized file storage and sharing platform akin to Google Drive, utilizing blockchain technology to ensure security, privacy, and data ownership for users. The objective is to design a system that addresses the limitations of centralized storage services like Google Drive, such as single points of failure, data control by a single entity, and potential privacy concerns. By harnessing the power of blockchain, the goal is to develop a secure, efficient, and user-friendly platform that empowers users to store and share their files while maintaining control over their data.

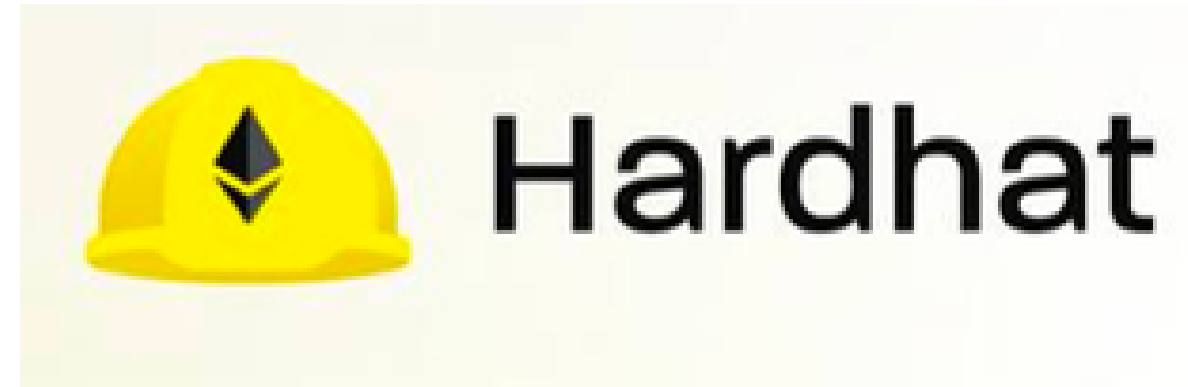
Our Solution

Our Application is a decentralized version of google drive, we are planning to make a file system which can make it easy to share images just like Google drive but in a more secure manner by using blockchain.

Features :

- > Image Stored on an IPFS Network to share images with others
- > Connected Metamask account
- > Enabled users to view images which they have access of

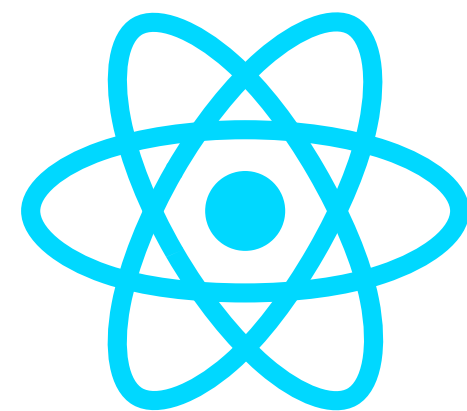
Tech Stack



METAMASK



ethers.js



React

Demonstration