Smart India Hackathon 2023

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: Ministry of Law and Justice.

PS Code: SIH1284

Problem Statement Title: Developing a Blockchain-Based eVault for Legal Records

Team Name: BYFP

Team Leader Name: Hari Charan .N

Institute Code (AISHE): C-19922
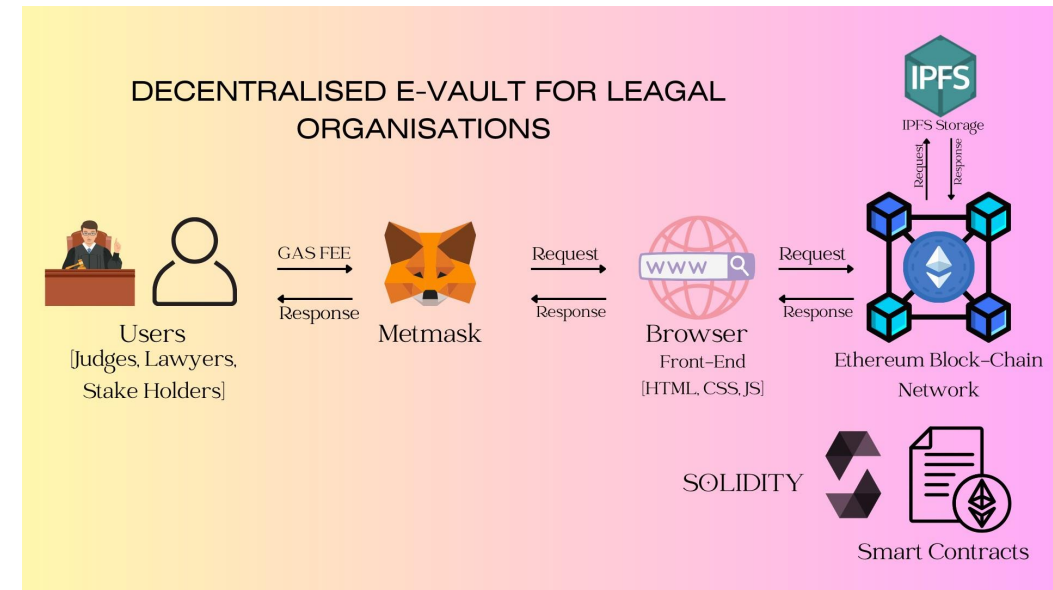
Institute Name: MLR INSTITUTIONS OF TECHNOLOGY

Theme Name: BLOCK CHAIN AND CYBER SECURITY

Idea/Approach Details

Description of Idea/Solution/Prototype:

➢ The Solution for Problem Statement is to create a eVault in which users like judges, clients, and other stakeholders can store their legal Records which can't Easily Modified or Changed

➢ Features:

   ➢ **Blockchain-Based Secure Storage**

   ➢ **User-Friendly Interface**

   ➢ **Privacy and Access Control**

   ➢ **Integration and Scalability**

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Description of Technology used :

➢ Solidity – Smart Contract

➢ JavaScript [web3], HTML, CSS

➢ Meta mask

➢ IPFS - Interplanetary File System

Idea/Approach Details

Description of Use Cases

> ➢ Integration with Existing Legal Databases
>
> ➢ Privacy and Confidentiality
>
> ➢ User Management
>
> ➢ Immutable Record Storage
>
> ➢ Easy Document Retrieval
>
> ➢ User Based Access Control

Descriptions of Dependencies / Show stopper

> ➢ Blockchain Infrastructure
>
> ➢ IPFS Integration
>
> ➢ Smart Contract Deployment
>
> ➢ Cost Management
>
> ➢ Backup and Recovery

Team Member Details

Team Leader Name: Hari Charan .N

Branch : B-Tech   Stream : CSE – Cyber Security   Year (I,II,III,IV): III

Team Member 1 Name: Manikanta Reddy .P

Branch : B-Tech   Stream : CSE – Cyber Security   Year (I,II,III,IV): III

Team Member 2 Name: Sri Nikhil .C

Branch : B-Tech   Stream : CSE – Cyber Security   Year (I,II,III,IV): III

Team Member 3 Name: Tarun .V

Branch : B-Tech   Stream : CSE – Cyber Security   Year (I,II,III,IV): III

Team Member 4 Name: Soahil Ali .Md

Branch : B-Tech   Stream : CSE – Cyber Security   Year (I,II,III,IV): III

Team Member 5 Name: Trisha Gupta .K

Branch : B-Tech   Stream : CSE – Cyber Security   Year (I,II,III,IV): III

Team Mentor : Kiran Kumar Reddy .A

Category (Academic/Industry): Academic   Expertise : BlockChain   Domain Experience (in years): 14

Team Mentor : Nagaraju

Category (Academic/Industry): Academic   Expertise : BlockChain   Domain Experience (in years): 8

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