A REPORT

ON

DEVELOPING A BLOCKCHAIN-BASED EVAULT FOR LEGAL RECORDS

Submitted by,

Mr. GOVIND CHAUDHARY - 20211CBC0006
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Under the guidance of,

Mr. RAMAMURTHY KETHA

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING (BLOCK CHAIN)

At

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

BENGALURU

MAY 2025

PRESIDENCY UNIVERSITY

PRESIDENCY SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Project report **"DEVELOPING A BLOCKCHAIN-BASED EVAULT FOR LEGAL RECORDS"** being submitted by **"GOVIND CHAUDHARY, YASH SINGH, AMITH GOWDA M, SHOAIB ABDULLA KHAJI"** bearing roll number(s) **"20211CBC0006, 20211CBC0029, 20211CBC0048, 20221LBC0003"** in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering (Block Chain) is a bonafide work carried out under my supervision.

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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **PSCS218 – "DEVELOPING A BLOCKCHAIN- BASED EVAULT FOR LEGAL RECORDS"** in partial fulfillment for the award of Degree of **Bachelor of Technology in Computer Science and Engineering (Block Chain)**, is a record of our own investigations carried under the guidance of **Mr. RAMAMURTHY KETHA, ASSISTANT PROFESSOR, School of Computer Science and Engineering, Presidency University, Bengaluru.**

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

NAME	ROLL NO	SIGNATURE
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ABSTRACT

Blockchain technology is transforming digital security and data integrity across industries. This project, **Legal eVault**, leverages blockchain to revolutionize the storage and management of legal records, ensuring immutability, transparency, and secure access control. The system integrates **smart contracts and decentralized storage (IPFS)** to eliminate unauthorized alterations while enhancing record verification. Key features include **tamper-proof document storage, role-based access management, cryptographic security, and audit trails**, ensuring compliance with legal standards.

Optimized for efficiency and designed for user accessibility, **Legal eVault** bridges the gap between traditional legal record-keeping and modern digital solutions. By automating verification processes and reducing dependency on intermediaries, the project underscores the transformative potential of blockchain in **creating a secure, transparent, and efficient ecosystem for legal documentation management**.

By enhancing **data integrity, reducing legal paperwork, and expediting judicial processes**, **Legal eVault** aims to improve access to justice and increase trust in the legal system.