A

Project Report

On

"Blockchain Based MediChain system connecting Pharma, medicals and patients together"

PROJECT GROUP NUMBER – G04
SUBMITTED BY-

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Under the guidance of

Prof. P.R. Patil

DEPARTMENT OF INFORMATION TECHNOLOGY
Dr. J. J. Magdum College of Engineering, Jaysingpur.

Academic Year
2023-2024

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum college of Engineering, Jaysingpur.

CERTIFICATE

This is to certify that,

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Miss.Sakshi Sanjay Patil

Miss.Sakshi Rajendra Patil

Mr. Rhushabh Manish Pethkar

Entitled ***"Blockchain Based MediChain system connecting Pharma, medicals and patients together"***

Report completed in partial fulfilment for award of Bachelor of Engineering degree in Information Technology by Shivaji University, Kolhapur in Academic Year: 2023-24.

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Information Technology Department

CERTIFICATE

This is to certify that, Report of the project entitled,

Blockchain Based MediChain system connecting Pharma, medicals and patients together"

Is presented before Department Research Committee (DRC)

by.

Sr. No.	Name of Student	Roll No.
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Under the guidance of Prof. Mrs. P. R. Patil for the academic year 2023-24.

The DRC has consented to give the approval for the said project.

Head,

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Lastly we thank all the people who have guided and helped us directly or indirectly.

Signature

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INDEX

LIST OF TABLES

LIST OF FIGURES

LIST OF ABBREVIATIONS

ABBREVIATION	ILLUSTRATION
DAPP	Decentralized Application
DAO	Decentralized Autonomous Organization

ABSTRACT

In today's world almost all hospital uses hardcopy for patient data store and for booking appointment. All patient data is available on paper and user need to manage that all over he goes. Consider 'A' patient got admitted in City Pune, all his data is stored on paper and what medicines he took. All the info about his health is stored there. After someday 'A' patient gone to another city far away without carrying any documents and there he got and health emergency and is not in condition of speaking and need urgently help. But due to lack of info available about patient doctor could not urgently take decisions. So, to reduce this risk our system is developed. The distribution of Health records becomes a time consuming and expensive process when we use the traditional client-server healthcare data management system where each hospital/clinic maintains its own database of patients' medical records. A patient's treatment is further delayed if the patient moves from one hospital to another hospital across different regions or countries. Moreover, most of the time a patient must repeat several laboratory and radiology tests. So, to address this the patient's medical data from different hospitals are stored in a Blockchain based storage making it easily accessible by patients and the hospitals. And the pharma company will be able to store the information of medicines and medicals will be available to verify the medicines if they are from trustworthy companies.

Keyword - - Dapp, Web3.Js, CSS.