**Project Proposal**

**Blockchain Using Python**



**Submitted to:**

**Sir Raja Muzammal**

**Submitted By:**

Rohab Shabir 2021-CE-19

Javeria Zaheer 2021-CE-03

Yarushah Emmanuel Sardar2021-CE-11

Laiba Saad2021-CE-08

**Department of Computer Engineering**

**ABSTRACT**

Blockchain is an immutable, sequential chain of records called blocks. Blocks can contain transactions, files or any other data and they’re chained together using hashes.

Blockchain is a technology that is developed using a combination of various techniques such as mathematics, algorithms, cryptography, economic models, and so on.

**OBJECTIVE**

The goal of blockchain is to allow digital information to be recorded and distributed, but not edited. In this way, a blockchain is the foundation for immutable ledgers, or records of transactions that cannot be altered, deleted, or destroyed.

**SOCIAL ECONOMIC BENEFITS**

This trust is built on blockchain’s enhanced security, greater transparency, and instant traceability. If a hacker hacks a block in the chain, the hashes of all the later blocks will become incorrect. This gives blockchains immutability. This provides a platform to make transactions without the help of any bank or mega corporation.

Without blockchain, each organization has to keep a separate database. Because blockchain uses a distributed ledger, transactions and data are recorded identically in multiple locations. All transactions are immutability recorded, and are time- and date-stamped. This enables members to view the entire history of a transaction and virtually eliminates any opportunity for fraud.

**TOOL/SOFTWARE**

Spyder Anaconda 3

**REFERENCES**

**https://www.geeksforgeeks.org/create-simple-blockchain-using-python/**

**https://hackernoon.com/learn-blockchains-by-building-one-117428612f46**