### Abstract

Blockchain technology has attracted tremendous attention in both academia and capital market. However, overwhelming speculations on thousands of available cryptocurrencies and numerous initial coins offering scams have also brought notorious debates on this emerging technology. One such application of blockchain is a decentralized application. This project eliminates the traditional client server architecture and establishes a decentralized network.

This network will not have the conventional database instead each node will have its own storage called as the ledger and it will store the ever-growing records as per the invoked transaction. This project basically focuses on establishing a basic decentralized voting application which will reflect the transparency in the voting application which checks and avoids double voting.