Literature Survey

Literature Survey:

Literature survey of Electronic voting system using blockchain technology should encompass

Blockchain Integration:

Blockchain technology fixed short coming in today's method in elections made the polling mechanism clear and accessible, stopped illegal voting, Strengthened the data protection, and check the outcome of polling. The implementation of electronic voting system method in blockchain is is very significant. However electronic voting carries significant risk such as if an electronic voting system is compromised all cast votes can probably be manipulated and misused electronic voting has thus not yet been adopted on national scale,

considering all its possible advantages.
Today there is viable solution to overcome
the risk and electronic voting, which is
blockchain technology. In traditional voting
system we have central authority to modify
the record they can do it quickly, no
one knows how to verify the record. One does
not have central authority. the data
are stored in multiple choice. It is not
possible to hack all nodes and change the
data. Thus this way one cannot destroy
the votes and efficiently verify the votes by
tally with other nodes.

     If the technology is used correctly the
blockchain is digital, decentralized,
encrypted, transparent ledger than can
withstand manipulation and fraud.

and corresponding signature pair with an
unblinded one.

usability and accessibility:

During the voting period, voting
system should always be available. voting
system should not limit the place of
the vote.

To ensure that Everyone who wants
to vote has the opportunity to avail
the correct polling station and that polling
station must be open and accessible for the
voters. only Qualified voters should be allowed
to vote and all ballots must be accurately
tallied to guarantee that election are
genuine. A overview of usability technique
will be provided below in conjunction with
the outline or Implementing privacy

Privacy and Identify management:

Privacy in the content of online voting means that no one except the voters knows how a participant has voted. Achieving this property mainly relies on one of the following techniques. blind signal natures, homomorphic, encryption, and mix-network. Blind signal is a method of signing data when the signer does not know what they signing. It is achieved by using a blinding function so that blinding and signing function are commutative-Blint-sign. The requester blinds their message and sends it for signing. After obtaining a signature for blinded message, they use their knowledge of blinding parameters to derive a signature for unblinded message. blind signature prevent any one except the requester from linking