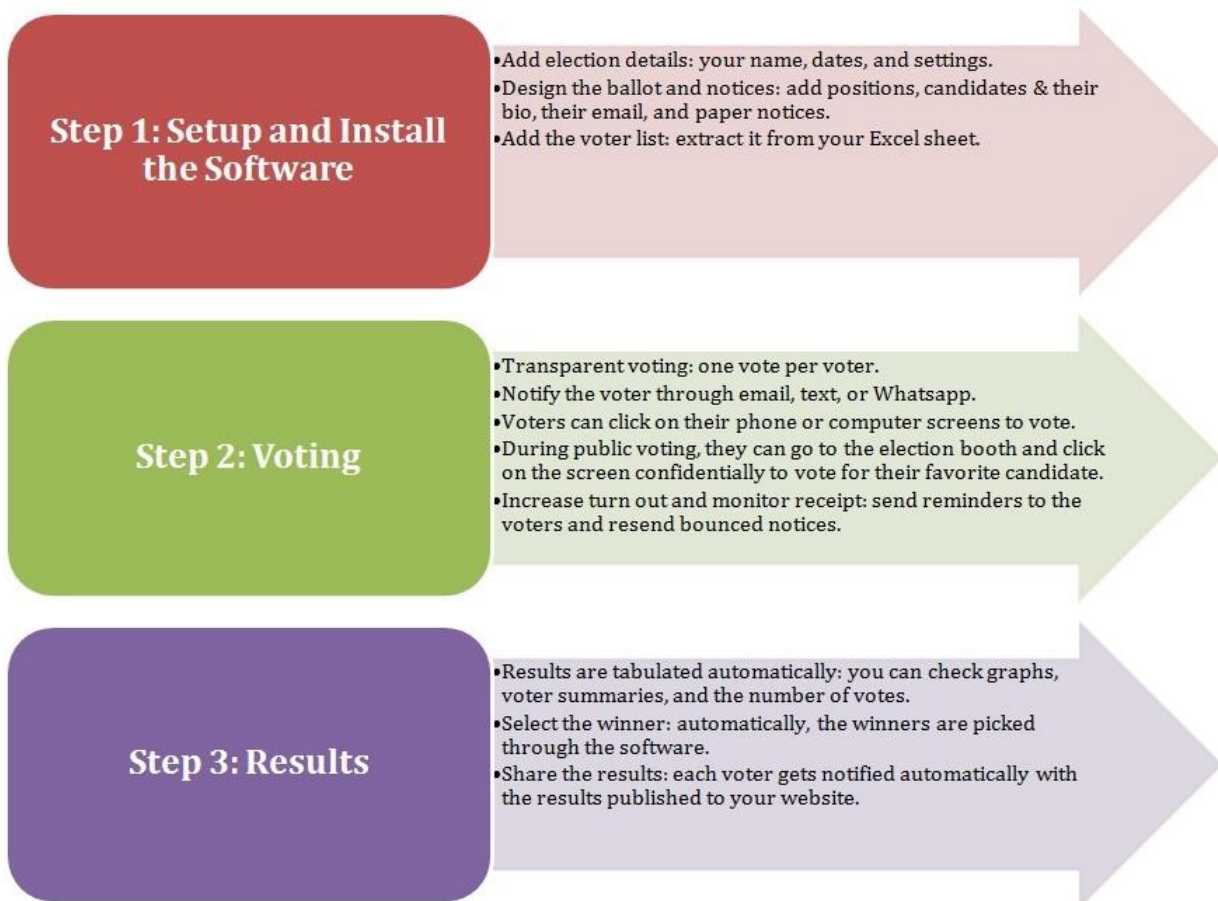# OPEN SOURCE FRAMEWORK

TEAM ID	NM2023TMID04404
PROJECT NAME	ELECTRONIC VOTING SYSTEM

Online voting and polling techniques have enabled the government and parliament agencies, businesses, societies, communities, clubs, colleges, and schools to strengthen their abilities and make a perfect decision. An optimized voting experience allows participants to vote on any device and, from anywhere when the voting period is open. Simple, straightforward, and easy voting and sharing results are the need for friction-less elections. Many of the voting software solutions can handle simple ballots and voting that happens in schools, colleges, clubs, etc. to complicated ballots and voting that goes to decide a government of a country or state.

Election technology refers to much more than just the electronic machines to cast and tabulate the votes. A typical election cycle is never complete today without the utilization of smart EVMs i.e., electronic voting machines that are always found capable of enhancing substantial voter turnouts in different electoral sectors. They improve the participation of the voters and reduce tabulation time simultaneously. A well-designed voting software program goes behind making the process smooth and friction free. Right from registering voters till conducting post-election audits, voting software solutions play a bigger role.

This article is going to present some exciting facts revealing how voting software solutions have influenced the entire election system in the private and public sectors. Additionally, we will also take you through some of the best free and open source voting software solutions.

Step 1: Setup and Install the Software
- Add election details: your name, dates, and settings.
- Design the ballot and notices: add positions, candidates & their bio, their email, and paper notices.
- Add the voter list: extract it from your Excel sheet.

Step 2: Voting
- Transparent voting: one vote per voter.
- Notify the voter through email, text, or Whatsapp.
- Voters can click on their phone or computer screens to vote.
- During public voting, they can go to the election booth and click on the screen confidentially to vote for their favorite candidate.
- Increase turn out and monitor receipt: send reminders to the voters and resend bounced notices.

Step 3: Results
- Results are tabulated automatically: you can check graphs, voter summaries, and the number of votes.
- Select the winner: automatically, the winners are picked through the software.
- Share the results: each voter gets notified automatically with the results published to your website.

A voting software helps in easy voting and result sharing. The most essential and vulnerable process of election involves recording and tallying votes, in secret, and checking out poll results without public

oversight. Explore with us how this process goes further using the voting software system:

Open Source Voting Technology:

Software Engineers research, develop and then make publicly available innovative election software programs to increase accuracy, security, verification, and transparency in the election process.

Open Source Digital Voting Systems are in trend these days. In comparison to the proprietary systems, open source voting software solutions are more diversified and come with improved usability and low costs. Their easy set of the framework makes them easily available and compatible with any jurisdiction to adopt, and deploy for in-house elections or outside commercial selection ventures.