**INTRODUCTION**

**Purpose of this Document -**

At first, main aim of the Project is to caste vote through online. It is very necessary to avoid Croud of peoples and same time.

**Scope of this project-**

It is a web application where people can use this application through phone or laptops. It consists of an admin who will have the control over the website. Admin can add profile of candidates and even he can edit profile. It will have an interface where people can caste vote to the candidates.

**Overview-**

It is an online voting system web application where there will be an admin who can create election, add candidates with their profile and he can calculate result. In the other hand there will peoples to caste vote. They can caste vote to one-person only.

**General description-**

The main objective of the user to caste vote in a secure manner. People can caste vote to one candidate only. After voting people will be logout from website with voting successful message.

**Functional Requirement-**

1. Admin can create election
2. Admin can create profile of the candidates. Profile includes (Photo, Name, Election ID, Party name).
3. Only admin can see result and public.
4. People can login to website with their voter ID and password the received in their phone number.
5. People have to fill their details like (Voter ID, Phone Number and OTP received in the phone number).
6. After filling all the details, they can cast vote to one person only. After submit they will be logout from the website will a successfully voting casted.

**Performance Requirements-**

1. Website should be responsive and faster in processing.
2. Once Successfully logout from the website, people cannot login to the website with same voter ID.
3. Website should be fast enough to generate OTP and OTP verification.
4. Website should be Userfriendly.

**Design Constrains:**

1. Voting system will be encrypted so that nobody can know to whom a particular person have voted.
2. People cannot cast vote if their Voter ID or Phone number does not match.
3. Admin cannot cate vote with admin ID.
4. Only admin can calculate result.
5. Admin can terminate election in case of any fraud.
6. No ads in website.
7. Simple and clear graphic.

**Non-Function Attributes:**

1. Less number of codes so that it will run faster.
2. It should run at minimum 2gb ram or more.
3. It should be Userfriendly.
4. It should be protected with high security.
5. It should include Portability, reliability, Reusability, Application compatibility, Data Integrity, Scalability capacity.

**Preliminary Schedule and Budget-**

1. Time duration for the development of the project is one month.
2. Budget of the project is 50 thousand only.

**Appendices-**

1. For reference contact …....................................