**SYSTEM ANALYSIS**

**EXISTING SYSTEM:**

* Existing system is a manual one in which users and the details of the candidates are stored in books. The users have to wait a long time in queues for voting. Wrong and unwanted votes are given. Counting of votes are done manually which takes lots of time and inaccurate counting is done. It is very difficult to maintain historical data.
* In the existing system, there is compulsory need in physical presence in the time of election polling or vote counting.

**DISADVANTAGES OF EXISTING SYSTEM:**

* If elections are conducted in existing system model in the pandemic time, then there is sure spread of disease like COVID, which happened in the recent elections in India.
* It is difficult to maintain important information in books.
* More manual hours are needed for counting of votes.
* It is tedious to manage historical data which needs much space to keep all the information regarding the voters and the candidates.
* Voters have to wait in long queues for voting they have to travel long distances.

**PROPOSED SYSTEM:**

* The Online Voting System is a software application which avoids more manual hours that need to spend in record keeping and calculating votes. Through this the users and the candidates are registered online. Their information is stored in the database the admin can easily access the details of the voters and the candidates.
* The voters are allowed to vote online they can even vote by sitting at home. Every User allowed to vote only once so there is no chance of duplicated votes.
* This application keeps the data in a centralized way which is available to all the users simultaneously. It is very easy to manage historical data in database. They can easily use the tool that decreases manual hours spending for normal things and hence increases the performance.

**ADVANTAGES OF PROPOSED SYSTEM:**

* The objective of the VOTING SOFTWARE is to provide better information for the users of this system easily they can vote from anywhere without facing any difficulty.
* The proposed system does not require any physical presence during vote polling or counting. So it is very easy to conduct elections even during the pandemic situations without any spread of disease or human live losses.
* The proposed system has good authentication so only authorized person can able to vote and also cannot vote multiple types.
* Vote Counting can be made very quickly and results will be displayed in few minutes.