

1. Introduction

The purpose of this system is to provide an efficient voting platform for various institutions ranging from schools to offices. The proposed system was designed so as to enable users to hold an election with ease. The driving motive behind the development of the system was a growing demand for a platform that will help with the choosing of a person with majority votes fairly while at the same time the system should be user friendly and need minimal training/knowledge to be able to use.

1.1 Purpose of the System

This system was designed with the aim of providing easy, credible and fair elections for users who want to use a vote to choose a person with the highest number of voters thereby declaring the person the winner. It makes the whole process an easy affair without too much hassle as all the users have to do is sign up and follow a few easy steps.

1.2 Scope of the System

1.3 Objectives and Success Criteria of the Project

Our objective is to grant users the ability to conduct elections easily without having to go through unnecessary hardship. The success criteria of the project would be:

- users' satisfaction
- rate of usage
- reported successful elections
- popularity of the system
- usefulness

1.4 Definitions, Acronyms, and Abbreviations

1.5 Overview

This document contains descriptions of the functionalities of the proposed system. Functional and non-functional requirements of the system are explained in detail. There is also a description of the use cases and scenarios used. Also included is the schedule for when the project is estimated to be completed also known as Gantt Chart.

Current System

The new system to be designed will enable voting by allowing candidates to sign up so as to be able to be elected. Candidates have a unique ID which will be important when the voter is choosing for his choice of candidate to vote for. Voters will be able to vote using an election link that will be sent to them, they will see each candidate and choose the one of their choice. The system ensures that the elections aren't rigged (that is no voter is allowed to vote for the same candidate more than once) by asking for the voter's user ID before they make their vote. So, when a voter with the same user ID tries to vote again for a candidate with the same candidate ID, the system rejects the vote as invalid. The system will determine the winner of the elections by checking which candidate ID has the highest number of voters.

3. Proposed System

3.1 Overview

Election manager is an online election system that can be used by schools, local elections, offices etc. Schools can use it when there is an election for a Student council president for example