**Test Cases and Expected outcomes**

The proposed digital Voting System in C is developed with the following test plans:

**Test case 1**

Select the option from menu button. The menu consists of following set of options:

* + 1. Cast the vote
    2. Find the vote count
    3. Find the leading candidate
    4. Exit

Expected Outcome:

Given from the set of options in the menu, user can select what function he/she wants to perform.

**Test case 2**: Choose Positions for Voting

Display the list of candidates/nominees standing in the election process.

Expected Outcome:

User can choose any one candidate from the list of candidates displayed on the screen and gives the corresponding input.

There is a provision if user doesn’t find any candidate eligible to be voted for.

**Test case 3**: Find the Vote count

Count the total number of votes received by each candidate.

Expected Outcome:

The user should be able to see how many votes are received by each candidate and thus the transparency is maintained

**Test case 4**: Find the leading candidate

Based on the total votes count for each candidate, the candidate getting maximum number of votes is displayed on the screen.

Expected outcome:

At the end of election process the user should be able to see the name of winner of the election process.

If there is any tie then there is no winning situation and the default statement is displayed on the screen.