 **RNS Institute of Technology, Bengaluru – 98**

(AICTE Approved, VTU Affiliated and NAAC 'A' Accredited)

**Department of Information Science and Engineering**

(Accredited by NBA for the Academic years 2018-19, 2019-20 and 2020-2021)

**Data structures Laboratory-18CSL38**

**Mini Project Evaluation**

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| --- | --- | --- | --- |
| **Project Title** | **Voting System Using Linked List** | | |
| **USN** | 1RN19IS094 | 1RN19IS100 | 1RN19IS063 |
| **Name** | Nidish G | Phanish S N | Hemanth Kumar M |

**Abstract**

Voting system is a Data Structures and Applications mini project developed by Phanish SN (1RN19IS100), Nidish G(1RN19IS98) and Hemanth Kumar M (1RN19IS063).

It represents simulation of real time voting with multiple contestants and analyzing their results in different aspects.

**Introduction**

* Our project gives user a real time feel of the voting system.
* It allows user to choose between multiple contestants and vote according to their desired choice .
* It allows election commission(here programmer) to check the results and declare the winner .
* It allows programmer to generate numerous random multiple votes to simulate a large scale voting system without manual user input easily and effectively.
* User(Voter) can also give manual inputs(Votes) .

**Description about the project work**

Our project gives a real time experience of electoral voting system.

The functions used in our project allows us to:

* generate random ‘N’ voters
* count the votes
* calculate the stats based on no. of votes
* declares the winner based on calculated stats.

**Results**

Our project allowed ‘n’ no. of voters to choose between certain no. of contestants and vote for any one of them.

It also calculated results and declared the winner.

**Conclusion and Future Enhancements**

* In our upcoming days, as we learn more data structures we plan to implement them and enhance this project furthermore.
* We are also open to any type of suggestions/advises .

**References**

* This project was built from scratch by us.
* We haven’t referred any open source libraries from anywhere.