Fast

NAT NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES

(KARACHI CAMPUS)

Department of Computer Science

**Spring 2017**

**Semester Project**

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**Introduction To Computing (ITC)**

**Project Name:**

**CR Election Voting System**

**Teacher: Muhammad Shahzad**

**Lab Instructor: Anum Qureshi**

**Lab Instructor: Javeria Farooq**

**Group Leader: Farhan Ahmed ( 16k-3798 )**

**Group Member: Aakash Panhwar(16k-3787)**

**Group Member: Waseem Hassan ( 16k-3773)**

**Group Member: Furqan Polani ( 16k-3775 )**

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**Brief Introduction**

In our program we have used every concept of the C language we have studied so far in the class. Our program is based on a management system which manages the voting system. In Classes there happens to be a CR (Class representative) who is being elected by the class audience so our program will give convenience to this sort of problem and will manage the voting system of class representative. It can be designed for every educational department and this will be an awesome software in the market.

**Project Description:**

This Project is all about voting system for our university. Our program will let students cast their vote for the candidate to whom they want to make the CR. All the results after casting the vote will be displayed. In this Code several functions are used for a certain a work. They are:

**Main Module:** This module is consisted of a switch statement to call the desired functions to do their respected work. these function are called on the coice of the admin.

**Choose Candidate**: This modules will ask the admin to select the section and then the candidates for the Election. The candidate GPA should be gretaer than 2.0. And then the Start polling module can work, otherwise start polling funtion will ask to select atleast two candidates.

**Start Polling**: This module takes the votes of the students of it’s respected section for a selected candidate. In this the candidate cannot cast a vote for himself. And further this voting module will only stop by the password of the admin.

**Password Check**: This modules will check the Admin password, whether it is valid or not, its returns 1 when it is Correct else return 0.

**Vote Cast**: This modules will calculate the Votes of each candidate and percentage of their votes. And the most important is that it will also show the students who have casted the votes.

**ADMIN PASSWORD = farhan**

**PIN TO CHANGE THE PASSWORD = 1234**

**Tools Used:**

* Conditional statements
* Loops
* Functions
* Dynamic Memory Allocations
* Pointer
* Filing
* Structures
* Strings ( Including built-in function of string.h )