**CRITERIA – A: PLANNING**

# The Scenario

The client I have chosen for this ITGS IA is \_\_\_\_\_\_\_\_\_\_.

Every year, we have elections for positions of Head boy, Assistant Head boy, Sports Captain, Assistant Sports Captains, etc. How this is done is that the teachers come together and put forward the candidates that they think are good for the role and then other teachers will vote to see who the most suitable candidate is. This is a very tiresome task according to me.

My client put forward this problem saying that it is a strenuous task every year as all the teachers put in their votes but then there are disagreements on the candidates and also sometimes votes are lost. My client said that he/she personally feels that teachers only voting could be a little biased so he/she feels that the people who should vote should include those of the students. But then he/she feels that including the students in the voting process could take ages as there are about 400 students’ votes to consider and it will be difficult to maintain and manage all the votes. Plus there is a very likely chance votes can be lost causing a lot of disruptions in the voting system. Papers might be misplaced here and there and so the voting system will be unfair.

Since I am an ITGS student, Mr. \_\_\_\_\_ has requested me to provide a technical solution in order to reduce this burden. He has requested me for a decent program or website which he can use with ease. This would help him maintain his records as well as calculate all the required results simultaneously.

**302 Words**

# Rationale

After spending 3 continuous hours with Mr. \_\_\_\_\_\_, I realized that the best solution would be to create a website which allows him to take the vote of the students as well as the teachers. The Administrators can put forward the candidates for the respective positions and students and teachers can put forward their votes for the candidates they think is worthy for the position. The data will be stored in the database and then the results will be displayed on the website. This will make the problem easily.

I decided to create the website using **PHP (which is an OOP Language)** for dynamic webpage and the software to create the website will be done through **Adobe Dreamweaver** and **MySQL** for managing the data. My website takes control of the entire voting system in the college. I strive to build extensive yet simple voting system for my professor so that he/she can put forward the candidates for the respective positions and students and teachers can vote and the results will be displayed. I will use MySQL through **phpMyAdmin**, where I will store the data and the records. The phpMyAdmin program is handy for performing maintenance operations on tables, backing up information, and editing things directly in the event. The relational database system will solve the data integrity and redundancy issues.

**213 Words**

# Success Criteria

1. The website will provide a login page which allows administrators to login to their accounts.
2. The website will provide a login page which allows teachers to login to their accounts.
3. A data entry form which will allow the new students to sign up and vote.
4. A data entry form which will allow the teachers to sign up and vote.
5. A data entry form which will allow administrators to sign up.
6. A data entry form which will allow administrators and teachers to change their passwords.
7. The website will provide a view page that will allow administrators to view different candidates and staff.
8. The website will be able to search for students by their entered information.
9. A data entry form that will allow the administrator to delete students.
10. The website will allow students and staff to view the candidates according to the position and vote.
11. The login page will display a message if password or ID is wrong.
12. The website will display a message if the data entered in the registration page does not match the format required.
13. The website will display a message if there is one field in the registration page which hasn’t been filled.
14. The website will let you display the students’ entire info in a box along with their profile pictures.
15. The website always presents a reset button which will clear the entire data entered.
16. The website will allow you to view administrators as well as teachers.
17. The website will allow you to edit the information of candidates, teachers and admin.
18. The website displays different status for students depending on the criteria.
19. The website allows you to filter the displayed information of students, teachers, and admin.
20. The website allows you to see the total votes for each candidate.
21. The registration forms will show only selections for states and gender.
22. The website has password ’and‘ confirm password functionality.

**Criteria A – 827 Words**