**ABSTRACT**

Title : Web-Based Voting System For Student Government Elections

of Mater Dei Academy

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In a society that believes in the power and principles of democracy, the right to vote plays a huge role as it deals with how the people will express their opinions on who to elect as leaders in the government. Over the years, Mater Dei Academy has been inculcating to its students the values about the importance of leadership and how to choose the leaders for the governing body of students inside the school. This project aims to aid the beneficiary in conducting its Student Government Elections with less hassle and costs in the entire duration of the said activity.

The proposed system runs in a web-based platform, which allows access from everywhere as long as there is an internet connection and the user will satisfy the security requirements of the system.

As for the software development methodology, the proponents implemented the Rapid Application Development framework which was based on the Agile Software Development Principles due to the short time that was allotted.

During the interview that was prior to the development, and during the presentation of the finished system, the beneficiary, especially the teachers, expressed their approval of the project, believing that the students will be more exposed to the uses of modern technology as a solution to real-life problems. Furthermore, the beneficiary also saw the advantages of the system for the election activity itself and were convinced that this project will greatly aid them as this system has eliminated almost all the tedious manual processes involved in conducting an election.

For those who are intending to use this project as a reference for future studies, the proponents are recommending that reader undertake further studies in terms of data security and the frameworks/programming languages used in this system, because the evolution of the technology is always constant. Even though the other countries are already implementing this type of voting system, it is not a guarantee that this system has no bugs, hence, further testing and improvement of this system is strongly suggested.