

AN ONLINE VOTING SYSTEM FOR CAVITE STATE UNIVERSITY IMUS CAMPUS

**Undergraduate Thesis
Submitted to the Faculty of the
Department of Computer Studies
Cavite State University – Imus Campus**

**In partial fulfillment of the
Requirements for the degree
Bachelor of Science in Computer Science**

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ABSTRACT

SALONoy, CHRISTIAN ANDREY T., GUTIERREZ, DIANA A., and BERTULFO, ERICA SHEINA L. An Online Voting System for Cavite State University- Imus Campus. Undergraduate Project Design, Bachelor of Science In Computer Science. Cavite State University – Imus Campus, Imus City. Dec 2021. Adviser: Mrs. Rosalina D. Lacuesta.

The study entitled Online Voting System for Cavite State University-Imus Campus from December 2021 to May 2022. The study was developed to help the COMELEC in preventing the inefficient issues they used by manual voting process. The system consisted of two user levels, the COMELEC as the administrator and the student, as the user. The administrator can access all of the modules, while the authorized user has the only one that can perform in the system. the system is an online-based that needs internet access.

The Online Voting System is comprised of twelve modules such as Login, Dashboard, Votes, Voters, Positions, Candidates, Preview, Submit, Reset Password, View Ballot, and Log Out. The said modules were created and developed using PHP, Visual Studio Code(editor), and MySql for the programming language. The developers used Paint and Microsoft Word for the development of the diagrams for the documentation.

To achieve this study, the researchers interview the President of COMELEC to gather an information during voting process to maximize the amount of time for this study. After analyzing and collecting all the methods used in the development of the system, all functions and features of the system were tested by the five IT professionals and the head of COMELEC based on the given categories of ISO 9126. The grand mean for the system was 4.68, which is Highly Acceptable. This shows the participants believe that the system is outstanding and meets their expectations. Base on the result of the survey all participants agreed that the system was highly acceptable.