



ARDUINO AND PHP BASED ELECTRONIC VOTING SYSTEM DESIGN AND IMPLEMENTATION

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Abstract

With the development of information technologies, the electronic voting system which began to be used in many areas and it also affected the field of education and it has been used in many countries in the learning process.

In this study, a voting material that can be used in lectures has been developed in order to determine the level of knowledge and opinions of the students. The voting unit to be developed is sensitive to hand pressure, and Arduino Mega is used as an electronic card. In addition, a PHP based software system is developed to collect and use data generated from voting material so that results can be evaluated in a computer environment. The system enables the user to interactively determine the students' feelings and thoughts and helps the lecturers to edit the course content, material.

Keywords: electronic voting, arduino, interactive training, teaching material, classroom voting.