An online e-voting prototype for student’s union elections in Jordanian universities

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Abstract: Voting system is one of many systems that are continually improved due to technology revolution. Electronic voting known as e-voting is supposed to improve integrity, correctness and appropriateness of the election process. Evoting is adopted to support the democracy concept in addition to support the credibility of the results. The primary goal of this paper is to provide a suggested online e-voting system framework for student’s council elections in the Jordanian universities. We will present the architecture of the proposed framework and emphasise benefits of adopting such system alongside with obstacles.

Keywords: electronic voting; online voting; e-voting; students union; students council; Jordanian universities; traditional voting system; Jordan.


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1 Introduction

E-voting system is defined as a system that allows voters to broadcast a secured electronic ballot from anywhere over the internet through electronic systems (Patil et al., 2013; Qadah and Taha, 2007). Data are recorded, stored and processed primarily