Open-Source VOIP Telephony for SUCs Communication System

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ABSTRACT

This study aimed to evaluate the "COST EFFECIENCY OF VOIP TELEPHONY COMMUNICATION SYSTEM USING FREEPBX AN OPEN-SOURCE SOFTWARE". The main objective of this study is to evaluate the cost efficiency of the implemented VOIP Telephone System, and to evaluate the cost-efficiency of the VOIP Telephone System. A Performance and Pilot testing was used as a research design for conducting study on comparing the Performance of existing devices which is the basic telephone provided by the local service provider. To achieve the objectives of this study, the researcher used a self-made questionnaire and was validated. The respondents of the self-made questionnaire are the five (5) offices that was deployed of the VOIP Phones with 25 items question and five-level Likert scale. A data was gathered and tabulated to get the weighted mean. The result was very relevant that implies that the implementation of VOIP-PBX for communication system contributes a big impact in terms of simplification of their communication system.

Keywords: *cost effeciency, telephony communication*

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