



Faculty of Economics, Communication and IT
Department of Information Systems

Research-in-progress

The Use of Mobile Telephones as a Tool for Capture Statistical Data in the Educational Sector

Gudrun Wicander
Department of Information Systems
Faculty of Economic Sciences, Communication and IT
Karlstad University
Universitetsgatan 2
SE- 651 88 Karlstad
Sweden
Office: +46 54 700 1786
Mobile: +46 709 109 805
E-mail: gudrun.wicander@kau.se

Abstract

This research-in-progress paper concerns research about EMIS (Education Management Information Systems). This is a computerised system for management and administration of the education sector. A problem for the system is the collection of data because many districts are not well computerized. The aim of the research is to propose remedies to this based on mobile telephone technology, especially text messaging (SMS), for data collection and direct inputting to the EMIS in Tanzania. A prestudy was conducted 2007 to collect data about the existing information flow as regards statistical data within the education sector and to identify bottle necks including both infrastructural and motivational obstacles. During 2007-2008 a literature review is performed to explore the state of the art concerning mobile technology for development. An in-depth survey is planned for 2008 to give further details concerning the prerequisites to connecting EMIS to the fast growing mobile technology network. The survey will result in a proposal for a definition of high priority data, data logistics, and a technologically diversified EMIS.