National University of Science and Technology
Zimbabwe

National University of Science & Technology

Faculty of Applied Sciences

Department of Computer Science

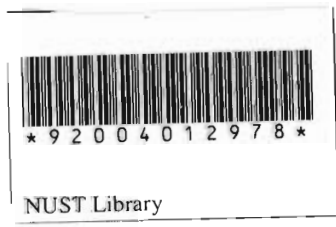## Online Integrated Mobile Service Providers Transaction System

Done By

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Date   :   June 2008

Research project submitted in partial fulfillment of the Bachelor of Science (Hons) Degree in Computer Science

Abstract

With the advances being made in cellular communications world over, it has become important that downstream industries associated with this industry also advance in the use of technology to advance their business. This research uses Zimbabwe as a case study regarding the use of the World Wide Web to sell airtime vouchers. As it stands, none of the local mobile service providers have taken advantage of the World Wide Web in this manner. A solution that makes of the internet would be invaluable considering that shortages of airtime vouchers have on numerous occasions been experienced largely due to inefficient production and distribution processes. The system should allow users to have an account with their mobile service provider which is used as a basis for the release of recharge numbers to the user. The system should be a stand alone system and should not interface with systems such as bank systems for it to be used by people having and not having a bank account. Such a system would effectively partner the vendor system of distributing airtime recharge vouchers, I as much as it would cut down on distribution costs. The system can also have the functionality of allowing applications for mobile phone lines via the internet, the major benefit to Mobile Service Providers being reduced stationery and processing costs. This report describes the research, design and implementation of the system.