National University of Science and Technology
Zimbabwe

Computer science department
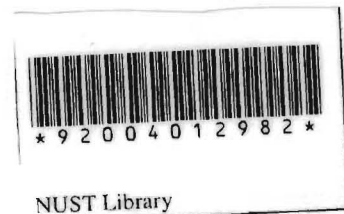
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FUEL REQUISITION SYSTEM INTERFACED TO MICROCONTROLLER ELECTRONIC

FUEL LEVEL MEASURING SYSTEM

This report is submitted in partial fulfilment of the requirements of the Bachelor of Science Honors Degree in

Computer Science at the National University of Science and Technology (N.U.S.T) in Bulawayo, Zimbabwe

Abstract

This final year research project is submitted in partial fulfilment of the requirements of the Bachelor of Science Honors Degree in Computer Science that is offered by the National University of Science and Technology (N.U.S.T).This document details the investigations of issues concerning a Requisitions Management system that is interfaced with microcontroller telemetry system for fuel /liquid product distribution companies. The system is designed to enable automatic generation of requisitions from distributed service stations, manage the requisitions and as well provide management reports to enable managers make informed decisions based on trends analysis. This project is driven by the need to make use of Information Technology in improving management, society, life and by the need to improve the quality of service delivered by fuel distribution companies through automation of presently manual requisition process.