2 Overall Description

2.1 Product Perspective

The application is a new application and is self-contained, with no dependencies to external resources. The application will utilize text files for storage and will not require any form of third party support.

2.2 Product Features

The product’s purpose is to facilitate management of stock and it should be able to facilitate log in and checking of user role. A user will be locked out if an incorrect password is provided for more than three times. A user should be able to add, modify and remove stock elements to the system, search for stock elements with various search options and choose from different summary options. An admin should be able to add, modify and remove users from the system.

* 1. User Classes and Characteristics

There will be two user classes, Admin which facilitates with administration, creation and modification of user accounts and User; which utilizes the application to perform its core functionalities

2.4 Operating Environment

The application will be written in C++ and will be implemented in Linux/Unix Systems

* 1. Design and Implementation Constraints

The application will be written in C++ and is to be implemented on Linux/Unix Systems, the system will display information in a simple textual “menu-select” style of user interface and will read and write to 2 separate text files. One text file will consist of usernames and passwords, sensitive information will have to be encrypted. Multiple accessing and modification of the text files might lead to corruption of data

2.6 User documentation

The user documentation will be included in this SRS (4)

2.7 Assumptions and Dependencies

Assumes that the platform used will be a Linux/Unix based system