**1. Introduction**

**1.1 Purpose of Document**

The purpose of this document is to specify the software requirements for the AkiProPlus System. In addition it provides the design specifications that are to be used when designing the new application to fulfil all the necessary requirements. These requirements specification are written in a clear and precise form making them easy for the non-technical personnel to read, understand and thus follow. On the meantime the specifications are created in technical terms for the designers. This document is to act an input to the technical development of the software.

The intended audience of the documents is:

1. Users, user representative and any other interested person
2. Technical developers
3. All persons in management responsible for the development of the software.

**1.2 Scope of the document**

This requirements document describes the overall requirements and specifications of the system.. The document is divided into several parts, each represents the different type of requirements represented. The user requirements are based on the requirements specified by the user. The system requirements and requirement specification( use cases) are used to describe how the user requirements will be achieved. The other parts of the document include the Data Flow Diagrams, Entity Relation Diagrams, Activity Diagrams, Sequence diagrams and User Interface Diagrams. These diagrams are mainly geared to the designers.

**1.3 Definition and Abbreviations**

Abbreviations:

ERD- Entity Relation Diagram

DFD- Data Flow Diagram

Definition

*Please see Glossary.*

**1.4 Overview**

This document focuses primarily on the requirements and the specification of the developing application. It is divided into several main sections each portraying a different aspect needed for the development of the software. The documents includes:

1. User Requirements
2. System requirement
3. Requirement specification (Use case)
4. Data Flow Diagram
5. Entity Relation diagram
6. Activity diagram
7. User Interface Diagrams