

ABSTRACT

This report is specially drafted in order to investigate and relate different, functional, operational and technical aspects & requirements of dedicated desktop application for an agriculture management system. This system will facilitate the functioning of desktop-based agriculture management system in actual environment. This system is capable of managing multiple fields and various divided plots in it.

The system should have the following functionalities:

- *Multiple fields should be divided into various plots to easily manage the required inputs to each one plot wise.*
- *Each plots should have its own record of raw materials i.e. Fertilizers, pesticides etc. used.*
- *Each plots crop growth should be recorded to analyses efficiency of plot.*
- *Attendance management needed for labors*

Implementing these basic functionalities will enable a farm administrator or farmer himself to manage his farm efficiently and increases the productivity by better decision making with ready results instead of waiting for them get processed manually.