**e-AgriMart**

**Business Requirement Specification**

Table of Contents

1. Introduction 3

2. Business Requirements Overview 4

3. Functional Requirements Overview 4

4. Non-functional Requirements 5

# 1. Introduction

# **Document Purpose**

This document communicates the business requirements and scope for developing E-Agrimart System. The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

# **Project Background**

There are very few computerized systems for the farmer tobuy agricultural products. Currently, the farmer goes to nearestmarket tobuy required agricultural related product from a particular local agricultural shopwhich having limited stocks and less variety of products, farmer has to visit repeatedly to the shop to buy the required products, there is no guarantee of availability of required product at local shop as an when required,also farmer doesn’t get much choices for the comparison between similar products for their prices, specifications.

There is no way for farmer to know about the actual market price of their required product and at what exact price required product should be bought.There is no transparency. No facility is present forthe farmers to know the product rates at different marketswhere they can buy their products at affordable prices.

# **Goals of the project**

The main objective of this project is building a website which will help farmers from Indian villages (rural area as well as urban areas) to buy their required products with variety of product range at affordableprices.

Here if suppose some village farmers want to use this facility and want to learn how is it possible and how they can use e-Agrimart to buy their products,they must have knowledge of computer/smartphone device then they can directly register in the site and buy their product online.

On the other side, local wholesalersor /manufacturers can also able to register and sell their products on our e-Agrimart, hence variety of products can reach to farmer on their fingertips.

Not only products have been bought from our site, our online application is provided with a feature which will give **information** about **modern farming** techniques and new innovations in agricultural fields helping farmers to improve their productivity.

# **Customers and Stakeholders**

Customers:

* + Farmers whowant to buy their Products
  + Customers/Farmers who wants to improve their Farming technique
  + Wholesalers /Manufacturers who wants to sell their products

Stakeholders

* + Farming Community.
  + Youth in farming
  + Agri-Business Industry
  + Small scale manufacturing industries

# 2. Business Requirements Overview

* e-Agrimart System is the public web application.
* **e-Agrimart**System will be opened to the global, but in the phase1, the main target is in the India.
* There are mainly two types of user. One is the wholesalerand other is Farmer.
* Farmers can search for the market values of related agro products.
* Farmers can search for the products available in the market and even the information about the productive farming.
* Wholesalers can add their products, stock availability, prices, specifications of products on the application.
* **e-Agrimart** System provides the functions which connect the farmers and the wholesaler efficiently.
* **e-Agrimart**System could be maintained by **Administrator**.

# 3. Functional Requirements Overview

**e-Agrimart** System consists of four modules described as below.

1. Farmer Module
2. Wholesaler Module
3. Admin Module
4. MessageAcknowledgement Module

# **3.1 Farmer Module**

* Farmer can register and create his own account.
* **e-Agrimart**System provides the function which allows farmers to search and buy their required products.
* Farmers able to browse existing Market price and able to compare with similar products offered by different wholesalers/manufacturers.
* The Farmer also could learn the technique how to use e-farming using feature provided by our application called as **“Agri Gyan”.**
* Providing “**Refund-Replace-Return-Facility**”(RRR) in case of dissatisfactions.

# **3.2 Wholesaler Module**

* Wholesaler can register and create his own account.
* **e-Agrimart**System provides the function which allows Wholesaler user to addtheirArgo products on to the application
* Wholesalers’ user can able to check available stock of their products and accordingly manage their product stock.
* Wholesalers/manufacturer can get more exposure to their products increases their scalability and overall sale.

# 3.3Admin Module

* **e-Agrimart**System should provide all function to admin how to handle the System.
* What are the farmers and wholesaler are using this system and are they authorized.
* Could able to know all the Transaction.

# 3.4 Message Acknowledgement Module

* Message Acknowledge Module should provide the entire users feedback messageabout their completion of transaction.

# 4. Non-functional Requirements

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence we will target the system to support between5 and 10 million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.