

e-Farming Market

Business Requirement Specification

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1. Introduction

1.1 Document Purpose

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

1.2 Project Background

There is a marginal number of small farmers in India. It is difficult for these farmers to reach big markets. Only big farmers can avail the facility of the market. This hampers the growth of small farmers. Also, these results inadequate supply in the market.

1.3 Goals of the project

The main objective of this project is building a website which will help farmers from Indian villages to sell their products to different cities. Thus, any small farmer will reach to many sellers and customers.

Suppose some village farmers want to use this facility and want to learn how is it possible and how they can use e-farming market to sell their products, they must have basic knowledge of computer, then they can directly register in the site and sell their product online.

On the other side, buyers can also register and buy products as per their needs.

1.4 Customers and Stakeholders

Customers:

- Farmers who want to sell their Products
- Customers who want to buy the Product
- Admin who will manage the system
- Delivery man who will deliver the goods

Stakeholders

- Farming Community.
- Youth in farming
- Farm workers Organization
- Agri-Business Industry
- Government

2. Business Requirements Overview

- E-Farming Market System is the public web application.
- E-Farming Market System will be opened to the global, but in the phase 1, the main target is in the India.
- There are some users as follows, Buyer, Farmer, Delivery man, and Admin
- Farmers can search for the market values of related agriculture products
- Buyers can search for the products available in the market and even the information about the farmer
- E-Farming Market System provides the functions which connect the farmers and the customers efficiently.
- E-Farming Market System is maintained by Administrator.
- Delivery man will be able to see the source location and destination location along with goods

3. Functional Requirements Overview

E-Farming Market System consists of four modules described as below.

1. Farmer Module
2. Seller Module
3. Admin Module
4. Delivery Man Module
5. Message Acknowledgement Module

3.1 Farmer Module

- Farmer can register and create his own account.
- E-Farming Market System provides the function which allows Farmer to publish his products.
- He will be able to browse existing Market price.
- The Farmer will be able to learn the technique how to use e-farming market system.

- He will be able to modify information of his products.
- The Farmer could find what are pricing of others Farmers crop.
- Providing "Pay-Back System" in case of dissatisfactions.

3.2 Customer Module

- He can register and create his own account.
- E-Farming Market System provides the function which allows customer to find out the crops information.
- And could find the price all over the country state wise, price wise, and category wise.
- Providing "Pay-Back System" in case of dissatisfactions.
- He will be able to give feedback and rating about the product.

3.3 Admin Module

- E-Farming Market System should provide all function to admin how to handle the System.
- What are the farmers and buyers are using this system and are they authorized.
- Could able to know all the Transaction.

3.4 Delivery Man Module

- He can register and create his own account.
- He will be able to know the source and destination location along with necessary information about buyer.
- He will be able to set the status of delivery.

3.5 Message Acknowledgement Module

- Message Acknowledge Module should provide the entire users feedback message about 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 between 5 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.