

**Farmer's Marketplace
Business Requirement Specification**

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1. Introduction

1.1 Document Purpose

The Farmer's Marketplace, as the name Suggested is about farmers and their showcased merchandise. It is about connecting farmers directly to the Seller, thereby cutting the middle man. This ensure that farmer get all this need at a very cheap price. This also ensure that all the seller get a fair chance at gaining customers so that they don't have to rely on any middle man.

1.2 Project Background

This project intends to helps farmer to purchase farming related tool in less price. The main aim is to help farmers know about different farming tools and sellers. People who wish to buy these farming tools can very easily purchase the tool from website. There is a login page for administrator and customer. Admin can login through their account and include details about new tools made by sellers. Customers can login through their account and see different tools available for selling purpose.

1.3 Goals of the project

The main objective of this project is to build a website which will help the sellers to showcase their work and sell their farming tools online.

This website will provide more options for customer to choose the tools as per their requirements. Also customer can buy the tools from the website directly.

2. Business Requirements Overview

- Development of Farmer's Marketplace Website
- Farmer's Marketplace will be opened to the Seller and customers.
- Customer can search Any Spare parts related to farming tool.
- Customer can search for tool available on the website.
- Farmer's Marketplace could be maintained by Administrator.

3. Functional Requirements Overview

Farmer's Marketplace consists of two modules described as below.

1. Admin Module
2. Customer Module

3.1 Admin Module

- Online Farmer Marketplace should provide all function to admin how to handle the System.
- Admin can handle all the transactions.

3.2 Customer Module

- Customer can register and create his own account.
- customer can view products.
- Customer can buy the products.
- Customer will pay for product.

4. Non-functional Requirements

Following are the non-functional requirements fulfilled by our project:

- Since the application uses lightweight and established software components that are also cross-platform, it is remarkably performance and has good support for every operating system.
- The use of React for front end and Spring Boot, Spring Data JPA and Hibernate for back end delivers quick response times to admins and customers alike.
- Card-style UI and well-known icons and symbols used throughout the application provides a consistent theme and user-friendly interface that anyone can grasp easily, even without a technical background.