**Forganic**

(Organic Farming)

**PURPOSE**

The purpose of this document is to outline the requirements for a website that advertises and sells organically farmed products. This document describes the functional and non-functional requirements, and provides a detailed description of the system's behavior and features.

**SCOPE**

The website will include a public-facing homepage with information about the products, making process, experiences and the Company as a whole, a buying section where customers can view and purchase products, a customer panel where registered users can place orders, view order history, and communicate with the company, and an admin panel where website administrators can manage the website's content, products, customer interaction and customer orders.

**System Requirements Specification**

**Functional Requirements**

Front-End

1: Homepage for description (Public) [Fetch From DB]

1.1: About

1.2: Necessities of organic product Description

1.3: Procedure to develop each organic product

1.4: Gallery for product preparation

1.5: Contact Us

1.6: Newsletter / Blog

2: Buying Section (Public)

2.1: List of Products

2.2: Product Preview [Title, Description, Rating, Review, Enquiry, Availability]

2.3: Share to Social Media

2.4: Wish List

2.5: Add to Cart

3: Placing Order (Login Required)

3.1: Quantity

3.2: Location

3.3: Online Payment/ Cash On Delivery

3.4: Order Placed Screen

4: Order History (Login Required)

4.1: Order History

4.2: Live Orders Tracking

4: 404 Error Page (Public)

Back-End

1: On Start-up (Public)

1.1: Register

1.2: Verify Email

1.3: Login

1.4: Change Password (Login Required)

1.5: Logout (Login Required)

1.6: Forgot Password

2: Subscription (Login Required)

2.1: Subscribe to Newsletter

2.2: Notification for New Product Arrival

3: Online Shopping (Login Required)

3.1: Payment Gateway Integration

3.2: Notification of Order Details To Admin

3.3: Rating After Delivery + Notification

3.4: Review After Delivery

3.5: In Stock / Out of Stock [Availability]

3.6: Payment Receipt Generation

3.6: Notification on Availability

3.6: Maintain Wish List [For Session to reduce DB]

3.7: Maintain Add to Cart [For Session to reduce DB]

4: Communication System (Login Required)

4.1: Product Enquiry

4.2: Product Review

4.3: Contact

**Admin Panel**

1: Customize Website

1.1: Dynamic Content on Website (Write to Database)

1.2: Add/Remove Product

1.3: Modify Pricing, Title, Description, Availability

2: Contact Customer

2.1: Reply to Customer [E-Mail Notification of Reply to Customer]

2.1.1: Contact

2.1.2: Product Review Reply

**Non-Functional Requirements**

1. Performance: The website should be able to handle a high volume of traffic and transactions without slowing down or crashing. The website's response time should be fast to ensure a good user experience.
2. Security: The website should implement security measures such as SSL certificates, password protection, and data encryption to prevent data breaches and protect user information.
3. Usability: The website should be user-friendly and easy to navigate, with clear and concise instructions for using its features.
4. Compatibility: The website should be compatible with multiple browsers and devices, including desktops, laptops, tablets, and smart-phones.
5. Reliability: The website should be available and functioning at all times, with minimal downtime for maintenance or updates.
6. Scalability: The website should be scalable to handle increasing traffic and transactions as the business grows.
7. Maintainability: The website should be easy to maintain and update, with well-organized code and documentation for future reference.

**More Features to Add in Future:**

1. Loyalty Programs: Implement a loyalty program to reward customers for repeat purchases, referrals, and other actions that support your business.
2. Product recommendations: Use data analysis to provide personalized product recommendations to customers based on their past purchases and browsing history.
3. User-generated content: Allow customers to upload photos and videos of themselves using our products, and feature that content on our website and social media channels.
4. Gift cards: Offer customers the ability to purchase gift cards for your products, which can be a great way to attract new customers and encourage repeat business.
5. Up-Sells and Cross-Sells: Use data analysis to identify products that are frequently purchased together, and suggest those products to customers who are browsing or purchasing.
6. Mobile app: Consider developing a mobile app for your website, which can provide a more streamlined and user-friendly experience for customers who prefer to shop on their mobile devices.