Requirement Gathering

Date: 19-6-2024

1. **Project Overview:**
   Green Grocery is an online platform where customers can buy fresh fruits and vegetables directly from local farmers. It aims to solve the problem of inconvenient access to fresh produce by connecting customers with suppliers. The platform includes features for easy ordering, delivery scheduling, nutritional information, and customer reviews.

2. **System Scope:**

   The system is proposed as a full-scale implementation intended for practical use by consumers, farmers, and delivery personnel. It aims to operate as a comprehensive online marketplace rather than just a prototype or research project.

3. **Target Audience:**
   - Customers: Individuals seeking to purchase fresh fruits and vegetables.
   - Farmers/Suppliers: Producers looking to list and sell their produce.
   - Delivery Personnel: Individuals responsible for delivering orders to customers.
   - Admin: Personnel managing the overall platform, ensuring smooth operations and user management.

4. **Modules:**

   Customer Portal:

   - User registration and login.
   - Product browsing and search.
   - Shopping cart and checkout.
   - Order tracking and delivery status.
   - Access to nutritional information and recipes.
   - Review and rating system.

   Supplier Portal:

   - Registration and login.
   - Inventory management (listing, updating, removing products).
   - Order management (viewing and accepting orders).

   Delivery Management Portal:

   - Login.

- View and manage delivery assignments.
- Delivery tracking and status updates.

Admin Portal:

- User management and access control.
- Manage customer reviews and ratings.
- Track stock levels.

Inventory Management System:

- Restocking alerts.

Educational Content Module:

- Nutritional information for listed products.
- Health benefits and dietary recommendations

5. User Roles
- Customers: Can register, search for products, place orders, track deliveries, access nutritional information, and leave reviews.
- Farmers/Suppliers: Can register, list products, manage inventory, view and accept orders.
- Delivery Personnel: Can register, view assigned deliveries, update delivery status, and access customer contact information.
- Admin: Has access to manage users, control access levels, oversee customer reviews, and monitor stock levels.

6. System Ownership

The system is owned by an organization, specifically a company that operates within the agricultural.

7. Industry/Domain

The system is related to the agricultural industry, focusing on the online sale and distribution of fresh fruits and vegetables.

8. Data Collection Contacts

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9. Questionnaire for Data Collection:

1. How do you currently sell your products?
   I sell my products at the local framer's market and to some local grocery stores

2. How do you decide the pricing for your products?
   I set prices based on the current market prices and the quality of the products

3. How do you ensure the quality and freshness of your products?
   Keeping the products fresh, harvest them carefully and store them in cool places and monitor their condition closely

4. Do you sell your products directly to consumers or through intermediaries?
   Mostly directly to the consumers, but some products is sold through local grocery stores.

5. How do you handle customer complaints?
   I often offer replacements or refunds if necessary.

6. How do you decide what to plant each season?
   I decide based on the demand from customers and the climate conditions.

7. How do you handle payment transactions?
   Through cash and sometimes use mobile payment apps.

8. Do you offer any special deals or discounts to you customers?
   Yes, sometimes give discount for bulk purchases or to regular customers.

9. Have you ever used any pesticides on your crops?
   Yes, I have used pesticides, but I try to use them as little as possible.

10. How do you know when it's the best time to pick your fruits/vegetables?
    Look at their color, size and how ripe they are. We also taste them to make sure they're ready to harvest.