

# FRESH GRO

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## 1. Project Overview?

Fresh Gro is an online web application for automating the process of ordering grocery products from suppliers and paying for it in advance. Therefore, there is no need for the suppliers to wait for a long time and pay as cash at the time of delivery. The current system is not much efficient and can lead to a major waste of time as the supplier needs to wait for a long period of time. This system also help farmers to sell their product through this system.

## 2. To what extend the system is proposed for?

The proposed system automates the manual process of users are the shop owners which can be used for ordering products from suppliers online and farmers visiting the shop with their products for selling and physically paying for the products with cash by introducing an online automated system that sends product requests online. The current system is not much efficient and can lead to a major waste of time as the supplier needs to wait for a long period of time. The main purpose to design this application is providing an environment where user will be able to order products from supplier and pay in advance.

## 3. Specify the Viewers/Public which is to be involved in the System?

The Viewers/Public that are mainly involved in this system include staff, suppliers and farmers. The staff, suppliers and farmer can also register to this system with valid information. They can buy/sell products and also include payments.

#### 4. List the Modules included in your System?

The system includes 4 modules. They are:

- **Admin Module**

Admin is the one who do the staff and supplier registration and approves or rejects the leave request of staff and farmer's product request, publishing notifications to the users, fulfilling staff and farmer's product requests and can view and blocking and unblocking of existing users. Admin can do a secure payment for their products through the online payment system. Admin can also view their request status from Suppliers and notifications from the Staff. Admin can approve or reject the leave requests as well as admin is able to view the existing products and order the products and view the status of the ordered products.

- **Staff Module**


The staff can view the current stock and update the stock. After product stock reaches a critical value the staff can issue notification to the admin. Staff can send leave requests and see the status of the requested leave and also able to update their own profile.

- **Supplier Module**

The suppliers are able to view and update their profile as well as their stock. Suppliers can add new products and can view product request send by shop owner/admin and process order. Suppliers can get a secure payment for their products through the online payment system.

- **Farmer Module**

The farmer can send request for selling their products through that shop. Farmers can see the status of product request send to the admin as well as can view and update their own profile. Farmer's also can get a secure payment for



their products through the online payment systems and can also view their request status and notifications from the admin.

5. Identify the users in your project?

The main users of this project includes :

- a. Admin who controls and coordinates the entire activities of the system includes provisioning users to buy/sell their products and responding to requests from farmers.
- b. Staff who manages the day-to-day activities of a grocery shop including updating seller stock and logging and maintaining transaction to and from the grocery shop.
- c. Supplier who process the order that was made by the admin.
- d. Farmer who requests for product through online.

6. Who owns the system?

The owner of the Fresh Gro is the grocery shop in which the system is implemented. A system administrator is appointed by the organization for managing and coordinating the system activities.

7. System is related to which firm/industry/organization?

The Fresh Gro is grocery shop management system and it is associated with a grocery shop in which the system is implemented.

8. Details of person that you have contacted for data collection?

Karunan Pillais Grocery Store  
Chenappady-Marottichuvadu Road,  
Chenappady,  
Kerala 686520

9. Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g. Bill receipts, certificate models), if any?)

1. Is there any discount streams available?

Several discounts are available for a range of products if the customers purchase products on bulk range.

2. Is there any products available in your shop other than grocery items?

Yes, we also sell products including vegetables and fruits as well as sweets.

3. Is there any wholesale of products in your shop available?

Yes, we provide products for wholesale.

4. Which among the products are most frequently sold out?

Sugar, cereals, vegetables.

5. How do you maintain the records of day-to-day transactions? What all features do you expect if this system gets automated?

Keeps track of logs for each transaction physically.

Features :

- Reduce costs, improve cash flow, and boost your business's bottom line.

- Keep track of your inventory in real time.

- Prevent excess stock and too many raw materials.
- Allow for easy inventory analysis on any device.
- Be accessible right from your retail point-of-sale.

6. How do you keep track of inventory?

- Track your stock levels at all times...
- Identify low-turn stock. ...

7. How do you transport your groceries?

We use paper bags for transportation of products.

8. What are the pricing strategies that you follow for selling your products?

It depends on the market value/price.

9. Is your supplier responsible for restocking?

Yes, our supplier is responsible for restocking, if the products meet their time limit.

10. How do the details and contacts of suppliers are maintained?

The details and contact of suppliers are maintained in records physically.