

*MAGJC Ltd.*  
*Fre Shavocado*  
**Business Requirements  
Document**

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## Naming Conventions and Definitions

Fre Shavocado  
Client, You  
Company, Us

Solution created for Mr. Vatanak Vong  
Mr. Vatanak Vong  
MAGJC Ltd.

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## Document Purpose

This document is intended to enumerate the requirements specified by the Client in order to construct an efficient method for ordering and maintaining produce supplies at a regional level.

## Project Objective

### Current Process

Regional managers send the Client information about their region's inventory at the end of each day. From there, the client calls the necessary vendors in order to restock on produce for each region. If the first order call is unsuccessful (either the vendor rejects or lacks the requested supply), the client continues to call other vendors until a favorable deal is found. Shipments from vendors are received and inspected for approval by regional managers.

### Desired Process

The Client is seeking a more intuitive and efficient method for resupplying produce in each region. Both manual and automatic ordering procedures should be implemented in order to minimize the need for placing orders over the phone. An intuitive directory of all existing vendor connections should allow the Client to easily access collective and individual contact and produce details.

## Fre Shavocado Requirements

### Accounts

*The Client wants an intuitive system which allows the separation of responsibilities between the Client and Delegates.*

#### I. Client

- A. Name, Email, Phone number
- B. Can create accounts for delegates
- C. Can input and edit credit card information
- D. Can input and edit vendor information
- E. Able to see all regions
- F. Has all the capabilities of the Delegate account

#### II. Delegate

- A. Name, Email, Region, Phone number
- B. Can mark deliveries and label as approved or denied
- C. Can only see the stores in their region
- D. Can purchase produce for their region
- E. **CONSTRAINTS:**
  - Cannot change credit card information
  - Cannot order over \$20,000 worth of products without approval

### Landing Page

*Upon logging in, the Client wants the ability to instantly see a collection of company activities in one place. There should be a logical pathway for navigating through different features of Fre Shavocado.*

The landing page will consist of:

#### I. Order History

- A. History of previous orders

#### II. Search page

- A. Vendor Search Engine feature

#### III. Regional Information

- A. Products demanding immediate attention
- B. Orders in progress/pending

## Ordering Process

*The Client is seeking a more intuitive and efficient method for restocking produce in each region. Both manual and automatic ordering procedures should be implemented in order to minimize the need for placing orders over the phone.*

### I. Manual Ordering

- A. Can order from multiple vendors for the same product
- B. Can order exotic seasonal produce
- C. Can be utilized by both the Client and Delegates
- D. **CONSTRAINTS:**
  - Manual orders cannot exceed maximum capacity

### II. Automatic Ordering

- A. Automatically orders produce at the end of the day after the IT department sends daily inventory reports
  - Automatic ordering will satisfy 80% of the product max capacity
- B. Orders first from the preference list, then the highest quality of available product, then the quantity
  - Quality is based on Client's preference and ratings
- C. Can order from multiple vendors for the same product
  - Useful when one vendor has a low stock of a desired product
- D. **CONSTRAINTS:**
  - Automatic orders are permitted until stock is at 80%
  - Cannot automatically order seasonal exotic products

### III. Shipments

- A. Tracks the status of a package
  - Progress bar that increments at checkpoints
- B. Maps
  - Shows the locations of the vendors
  - Color coded by which region shipment is being delivered to
- C. Scannable Codes
  - Capable of scanning QR codes or barcodes
- D. **CONSTRAINTS:**
  - Not every delivery company may use an updating status
  - Not every vendor may provide a QR code or barcode

### IV. Order Placements

- A. Loyalty Points
  - Using the same vendor accumulates loyalty points
  - Accumulated loyalty points can lead to discounts on orders

## B. Order Confirmations

- Shows the name of Client or Delegate who placed order
- Vendor name
- Date of order
- Products being ordered
- Quantity and shelf life of products
- Total cost of order
- Shipping method, shipped date, and ETA
- 24 hours allotted to cancel shipment orders

## C. CONSTRAINTS:

- Not every vendor may implement a loyalty point system

## Payment Process

*The Client wants a quick and secure payment solution for their orders.*

### I. Credit Card Payment

A. Company card information is saved with varied access options

- Client can set and choose different cards
- Regional Managers can only use set card

### B. CONSTRAINTS:

- Some places cannot accept credit card; accept check instead

### II. Electronic Check Payment

A. Requires Client's approval

III. 50% of cost paid upfront and remaining 50% when delivery is accepted. If delivered is rejected, Client receives 25% of the cost back

IV. Weight determines cost and uses imperial units

## Notification Process

*The Client wants a responsive notification system which alerts the Client when specific events occur.*

### I. Order Approval Alerts

A. Notifies Client if the automatic order is over \$10,000

B. Whenever the checking account is used

### II. Deadline Alerts

A. 24 hours allotted to accept or decline orders that needs approval

B. Sends a link and approves the order if the link is clicked, else the link will be terminated after 24 hours, and the order will be declined

### III. **Daily Summary**

- A. Products that are in low supply
- B. Automatic orders made that were under \$10,000 (did not need approval)
- C. Automatic orders made that require approval
- D. Shipments in progress
- E. Completed shipments

## **Vendor Search Engine**

*The Client and Delegate accounts should have the ability to easily access individual and produce details through an intuitive database for all existing and future vendors.*

### I. **Contact Information**

- A. Company name
- B. Representative/Contact name
- C. Company Address
- D. Contact phone number
- E. Contact email address

### II. **Produce Gallery**

- A. Gallery of images of the produce sold by the vendor
- B. **CONSTRAINTS:**
  - Not all vendors have images for their produce

### III. **Order History with Vendor**

### IV. **Ratings**

- A. Rate vendors by overall quality
- B. Allows adding of comments for vendors
- C. **CONSTRAINTS:**
  - Not all vendors have ratings or comments

### V. **Search Results Page**

- A. Searches produce based on quality first
- B. Sort by option

## Project Estimates

In order to complete this project, our team will need a total of 12 sprints that last 2 weeks each (24 weeks). After each sprint, our team will consult with the Client regarding progress to ensure quality. Time will be allotted weekly for maintaining the design plans for quality assurance.

Services	Hours	Costs
Planning/Design	45	\$4,275.00
Programming	430	\$40,850.00
Testing	347	\$32,965.00
Client Meetings	18	\$1,710.00
<b>Total:</b>	<b>840</b>	<b>\$79,800.00</b>

## Projected Progress Schedule

Task	Programming Hours	Testing Hours
Ordering	194 (45%)	174 (50%)
Payments	129 (30%)	104 (30%)
Accounts	52 (12%)	17 (5%)
Search	30 (7%)	35 (10%)
Notification	25 (6%)	17 (5%)
<b>Total:</b>	<b>430 Hours</b>	<b>347 hours</b>