# Introduction

The scope of the document include the business requirement and modeling into a software.

These are the following features that website contains

|  |  |  |
| --- | --- | --- |
| S No | FEAT | High level overview |
| 1 | 1 | Sales Customer and Purchase customer registration. |
| 2 | 2 | Sale voucher and Purchase voucher |
| 3 | 3 | Sale Bill and Purchase Bill |
| 4 | 4 | Sale Customer Credit Info |
| 5 | 5 | Purchase Customer Credit info |
| 6 | 6 | Reporting section |
| 7 | 7 | Roles |
| 8 | 8 | Cross Grouping |

# FEAT1

Sale Customer and Purchase Customer registration should be in the same page and it should include the following fields

|  |  |  |
| --- | --- | --- |
| Name of the Field | Type of the Field | Remarks |
| Name | Text Box | Max Char 35 |
| Village | Text Box | Max Char 35 |
| Type of Customer | Dropdown | Should be able to differentiate between sale and purchase customer.  Values: Sale , Purchase |
| Address | Text Boxes | Should be able to capture entire address data has to be from central repository of Indian address system |
| Is Credit Allowed | Radio Button | Yes or No |
| Address Proof Type | Drop down | Values: License ,Voter Id, Passport, Aadar ,other |
| Photo Graph | Image Uploader | Should be able to upload image. |
| Customer ID | Auto Generated filed | Number should be created once record is saved to database and should flow back to UI page.  Format: MBN80{S/P}{auto increment number starting from 1 |
| Date | Date Field | Date Of Registration |
| Reference | Dropdown | Should be loaded with all the customers of same type(if Customer registering is Sale type then all sale Type Should be baught) |

Page should contain a search functionality to find the customer based on name and village name or Customer ID.it should List all the customers if partial search criteria is entered. On clicking the one of the search result should take you to particular customer.

Once Customer is generated a Registration Voucher should be printed with Customer ID which is auto generated

# FEAT2

This feature include two sub parts one dealing with sales customer and other with Purchase customer.

## Sales Customer Voucher

Usually sales customer is farmer who brings fruits of different kinds. For each Varity of fruit bought by customer should have a slip generated from system against the Customer with the following data

|  |  |  |
| --- | --- | --- |
| Name Of Field | Type Of Field | Remarks |
| Name | Dropdown | Should load all Sale Customer info |
| Date | Date time Field | Date of arrival |
| IsLabour | Radio button | YES or NO |
| Type of Fruit | Drop down | Should load all kinds of fruits |
| Estimated Cost | Text | Numeric filed |
| Remarks | Text Area | It is for internal reference |
| VoucherID | Auto generated | Auto generated Column |
| Advance Taken | Text Box | Amount taken |

## Purchase Customer Voucher

Usually purchase customer is one who buys mangoes from sales customer.

|  |  |  |
| --- | --- | --- |
| Name of the Field | Type of the Field | Remarks |
| Name | Dropdown | Should Load all the Purchase Customer info |
| Date | Date time Field | Date Of Purchase |
| Loading date time | Date time | Expected Load Timing |
| Type of Fruit | Drop down | Should load from data base |
| Rate Of Fruit | Text Box | Rate per kg fruit |
| Voucher ID | Auto generated | Auto generated Column |
| Advance Given | Text Field | Should be enabled for only non-credit Customers |
| Purchase Voucher Id | Text Box | User should enter the Purchase Voucher Id . |

# FEAT 3

This feature Deals with billing of sales Customer and Purchase Customer.

## Billing Purchase Customer

Once weighing is done then bill has to generated and produced for payment

|  |  |  |
| --- | --- | --- |
| Name of the field | Type of the field | Remarks |
| Voucher Id | Text Box | On entering Voucher id It should bring the type of fruit, Advance taken , rate of the fruit |
| Weight | Text Box | Weight of the fruit |
| Type of weight | Drop down | Values : Small or Big |

User should be able to enter ‘n’ such vouchers for the same Customer. On click of the submit it should add in the below grid with the following values .

Note: only Purchase vouchers of same Purchase customer Should be able to bill.

### Bill calculation

|  |  |  |
| --- | --- | --- |
| Name of the Field | Value | Remarks |
| Voucher ID | Voucher id given in above | Should be get from above data |
| Date | Bill Posting date | ( should be editable) |
| Gross Weight of fruit | Text | Should be able to get from above |
| Suit | Calculated field | if Type of weight is ‘S’ then 0% else 2% should be editable |
| Net weight | Calculated filed | Gross weight of fruit minus Suit |
| Labor Charge | Calculated field | Based on the weight it is calculated |
| Advance | Advance amount to be populated for the Voucher | Advance given during Purchase of Fruits |
| Total amount payable | Calculated field | (Net Weight \* Cost of Fruit)+ Labor Charge -Advance |

After user enters billing of all the Vouchers then user will submit the entire grid values to system it should print all the above values including amount.

## Billing Sales Customer

Billing has to be done for the farmer for all the fruits he has baught (if n types , n vouchers will be there).

|  |  |  |
| --- | --- | --- |
| Name of the Filed | Type of the Field | Remarks |
| Customer Name | Drop down | Should load all the sales Customer |
| Submit Button | Should be able to submit the form |  |
| Commission |  |  |

On click of submit system should bring all the vouchers that are unbilled and bill has to

# FEAT4

## Sale Customer Credit Info

This should List all the Credit amounts taken from the Mandy in the form of grid .it should contain the following. Grand Total of the amount should be displayed.

There should be a drop down to select the customer.

|  |  |  |
| --- | --- | --- |
| Name of the field | Type of the field | Remarks |
| Date |  |  |
| Amount |  |  |
| Interest |  |  |
| Commission percent |  |  |
| Total |  |  |

User should be able to pay amount to the Sale Customer. A button Pay Now should be available . on clicking a pop up should appear with the following details

|  |  |  |
| --- | --- | --- |
| Name Of the Field | Type of the field | Remarks |
| Name of the Customer | Drop Down |  |
| Date | Date time Field |  |
| Amount |  |  |
| Total Amount Credit |  |  |

# FEAT5

## Purchase Customer Credit Info

This should list all the amounts Paid for the Mandy. And the grid should List as follows

There should be a drop down to select the customer.

|  |  |  |
| --- | --- | --- |
| Name Of The Field | Type of the field | Remarks |
| Date |  |  |
| Customer Bill no | Text | Bill no of the customer |
| Amount | Text |  |

User should be able to pay amount to the Purchase Customer. A button Pay Now should be available. On clicking a pop up should appear with the following details

|  |  |  |
| --- | --- | --- |
| Name Of the Field | Type of the field | Remarks |
| Name of the Customer | Drop Down |  |
| Date | Date time Field |  |
| Amount |  |  |
| Total Amount Credit |  |  |

# FEAT6

The following reports should exist in the system

1. Purchase Customer credit and debit Summary
2. Sale Customer credit and debit Summary
3. Total income till date
4. Sale Customer wise amount to paid or received
5. Purchase Customer wise to be paid or received

# FEAT6

The following roles should be there in the system

1. Casher –
2. Admin-
3. Enquire –

# FEAT8

Cross grouping include all the drop down fills like type of mangoes, Wage for a labour,etc .