

TRIMLINE SYSTEMS & SOLUTIONS

Bihi Towers 9th Floor, Room 5 Moi Avenue
P.O. Box 35351 – 00100, Nairobi, Kenya

Tel: 0710563359
Email: trimlinesys@gmail.com

PRODUCT DESCRIPTION

TrimFarm System

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Description

A cooperative society is a group of individuals who have specific common needs. It is an economic enterprise, the purpose of which is to improve the economic status of owners or members. Most cooperative societies offer their products to their members and others do not serve non-members. Cooperative societies have varied classification depending on what their members are concerned with. They include:

Agricultural marketing societies.

They are cooperative in the Agricultural and marketing sector. Their functions are to collect, process, store and save members' produce. These cooperative play a major role as some small scale farmers would have a hard time marketing their products individually.

Consumer cooperative

They are generally formed to meet and supply members' demand for food, clothing and general household goods. This aim is fulfilled through members running consumer shops and wholesale facilities where members buy goods at lower prices compared to those in the market. They were prominent in the sixties and contributed to the origin of supermarkets.

Savings and credit cooperative.

They are the more common type found in Kenya. Their main purpose is to mobilize savings and channel them to individual members as loans for specific development projects at affordable rates of interest.

The processing cooperative.

They have a similarity to agricultural and marketing. Their main function however is to process the products for members. An example is the Kenya cooperative creameries.

Transport cooperative.

They are involved in purchasing vehicles and using them for public transport or for hiring or leasing. They may also be formed for management of public transport vehicles of their members.

Insurance cooperative.

They have the project of developing and providing insurance services based on the cooperative principles. They also provide insurance covers to cooperative societies.

Housing corporative.

They buy and develop houses for the members or sell houses to members at lower prices.

Features

TrimFarm is customizes with all these sectors in mind, below is a number of customized modules.

Members Management

The screenshot displays the 'Members Management' module interface. On the left, a sidebar contains a tree view with the following items: 'Account Opening', 'Account Applications', 'Accounts Approval', 'All applications', 'Members' (selected), 'Periodic Activities', 'Set Up', and 'Reports'. The main content area features three tabs: 'General', 'Communication', and 'Foreign Trade'. The 'General' tab is active, showing a form with the following fields: 'No.' (pre-filled with 'APP0212'), 'Name', 'Gender' (pre-filled with 'Female'), 'ID No.', 'Phone No.', 'E-Mail (Personal)', 'Account Category' (pre-filled with 'Single'), 'Application Date' (pre-filled with '10/11'), 'Factory', and 'Village'. Each field has a corresponding input box or dropdown menu.

Members/farmers registration is done in this module. All key details of members/Farmers is keyed in here. After application the new account undergoes approval for it to be fully active in the system. Active accounts are open for credits and also hold members/farmers key financial

information like account balances, credit balances etc.

Members	
<div> <div> Account Opening Members Farmer Card Periodic Activities Set Up Reports </div> <div> <div>General</div> <div>Communication</div> <div>Kilos</div> <div>Collection and advances</div> </div> </div>	
No.	10
Name.	HEZRON MACHERE MBITI
ID No.	2924060
Factory.	MUTHIGIINI
Passport No.	
Phone No.	0724153968
Date of Birth	
Gender	Male
Marital Status	
Registration Date	05/23/17
Status.	Active
Account Category.	Single
Bank Code	BNK001
Bank Account No.	10
Village	
Balance (LCY)	0
Blocked	
Last Date Modified.	08/20/17
Trees	0.00
Acreage	0.00
Cummulative Cherry	53.50
Cummulative Mbuni	0.00
Customer Posting Group	FARMERS
Customer Type	
<div>Photograph</div>	

Collection

Produce collection is a key element of the society operations, this is where farmers produce is weighed and the relevant gross and net weights attached to the farmer's collection list. Our Trimfarm system is well customized for this purpose, we have digital scales that are connected to the system by either Bluetooth or serial connection. The exact weigh reflected to the collection application, other relevant information is keyed in, ie no of bags. For the net weight calculation. Note that the gross weight is captured from the scale and **not** entered manually.

Once the relevant details are captured a receipt is generated for the Farmer/Member for future reference. On some of our clients we have gone further and incorporated sms messaging and farmers are notified of their produce and the cumulative.

On data collected in remote areas, we have a stress free connection to the Cooperative's head office servers where all data collected is sent to the server in real time.

Collection

Famer Details

Famer No: 13

MUGO MEI

Gross KG: 4

Tare weight: 3

Bag weight: 1

Super sale: 0

Post

Date	Receipt No	Type	KG
17/01/2019 12:04:12	121901170412	12	CHRISPEN MUNENE

Not Connected: The port 'COM7' does not exist.

Desktop application

Collection - Transporter

scale printer

Transporter

Farmer Name

Route

KG Collected: 0.0

KG Collected: 0.00

CLEAR MORE

TARE ZERO PRINT

Mobile Application



Mobile printer(Bluetooth)

Back end module

Collection			
	Collections Date	Collections Time	Collection Number
	05/03/17	11:17:47 AM	11705031747
	05/03/17	11:17:47 AM	11705031747-1
	05/03/17	12:38:24 PM	18401705033824
	05/03/17	12:38:24 PM	184017050338...
	05/03/17	12:43:46 PM	31705034346
	05/03/17	12:43:46 PM	31705034346-1
	05/03/17	1:14:25 PM	11705031425
	05/03/17	1:14:25 PM	11705031425-1
	05/03/17	4:14:01 PM	561705031401
	05/03/17	4:14:01 PM	561705031401-1
	05/03/17	4:15:01 PM	1231705031501
	05/03/17	4:15:01 PM	123170503150...
	05/03/17	4:20:35 PM	21705032035
	05/03/17	4:20:35 PM	21705032035-1
	05/03/17	4:21:09 PM	31705032109

Credit management

All advances and credits are managed in this module, interests are also set in this module.

Debts		General	Salary
<ul style="list-style-type: none"> Debt Processing <ul style="list-style-type: none"> Advance Application Advance Posted Receipts & Payments Reports <ul style="list-style-type: none"> Loans Register Loan Advance Advance Recovered Setup <ul style="list-style-type: none"> Credit Type Stores <ul style="list-style-type: none"> Stores Post Store Reports 		No. DEBT000202 Client Code 100 ↑ FRANCIS NYAGA Application Date. 10/11/17 Debt Type SCHOOL ↑ School Fees Requested Amount 1,000.00 Approved Amount. 1,000.00 Factory. ↑ Mode of Disbursement. Cheque ▼ Bank No BNK003 ↑ Cheque Number. 3444	

Inventory management

Inventory items i.e. farmers produce, inputs, and manufactured products are managed in this module. It also manages the selling price, buying prices, inventory balances, reorder level, suppliers etc.

Inventory

Inventory & Costing

Items

Nonstock Items

Stockkeeping Units

Item Purchase / Sales

Item Reclass. Journals

BOM Journals

Recurring BOM Journal

Recurring Item Journal

Costing

Reports

Setup

Planning

Order Processing

Analysis & Reporting

History

Setup

General

Salary

No.

DEBT000202

Client Code

100

FRANCIS NYAGA

Application Date.

10/11/17

Debt Type

SCHOOL

School Fees

Requested Amount

1,000.00

Approved Amount.

1,000.00

Factory.

Mode of Disbursement.

Cheque

Bank No

BNK003

Cheque Number.

3444

Payout

Farmers are paid their produce on this module. Appropriate payment rates are set here, and credits arrears are deducted to get the net pay.

Farmer Payout

Farmer Payout

Payout

Reports

Bank payment List

Payment summary

Payout Deductions

Payslip

Setup

Payout Setup

Financial Management

Members

Farmer Payout

Collection

Debts

General

Rate & Deductions

Post as.

Create as.

Number.

PAY00002

Date

06/02/18

Name.

test

Crop

2017/2018

Date from.

06/13/17

Date to

10/09/17

Rate

2

Debts to deduct.

1

Advance

Advance Type

Source of Funds.

Gross.

1,608.00

Deduction.

800.00

Net.

808.00

Posted

Date Posted

Time Posted.

Created by

Details

Process

Post

Financial Management									
No.	Name	Income/...	Account Type	Budgeted Am...	Totaling	Balance	Net Change	Balance at Date	
214	stbx debtor	Balance...	Posting	0		0	0	0	0
215	debtor thika coffee mills	Balance...	Posting	0		0	0	0	0
216	stock	Balance...	Posting	0		0	0	0	0
217	School fees account	Balance...	Posting	0		957,750	957,750	957,750	
218	N.H.I.F Debt Account	Balance...	Posting	0		115,996	115,996	115,996	
219	Total other assets	Balance...	End-Total	0	211..219	1,073,746	1,073,746	1,073,746	
220	Cash & Bank Equivalents	Balance...	Begin-Total	0		0	0	0	
221	Muteithia Sacco	Balance...	Posting	0		-774,750	-774,750	-774,750	
222	Co-operative Bank	Balance...	Posting	0		-1,450,465	-1,450,465	-1,450,465	
223	Cash At hand	Balance...	Posting	0		-10,000	-10,000	-10,000	
224	Cash Advance	Balance...	Posting	0		1,275,465	1,275,465	1,275,465	
230	Total Cash & Bank Equivalents	Balance...	End-Total	0	220..230	-959,750	-959,750	-959,750	
299	TOTAL ASSET	Income...	End-Total	0	201..299	113,996	113,996	113,996	
300	Liabilities	Balance...	Begin-Total	0		0	0	0	
301	Trade Creditors	Balance...	Posting	0		2,000	2,000	2,000	
302	Sundry Creditors	Balance...	Posting	0		-2,049,880	-2,049,880	-2,049,880	
303	Purchase account	Balance...	Posting	0		2,049,880	2,049,880	2,049,880	
304	Inventory Account	Balance...	Posting	0		0	0	0	
305	nssf	Balance...	Posting	0		0	0	0	
306	N.H.I.F	Balance...	Posting	0		0	0	0	
307	income tax	Income...	Posting	0		0	0	0	
308	N.H.I.F (MEMBER)	Balance...	Posting	0		-115,996	-115,996	-115,996	
309	japan engineering	Balance...	Posting	0		0	0	0	
310	Muteithia Sacco	Income...	Posting	0		0	0	0	
311	n.s.s.f (penalty)	Balance...	Posting	0		0	0	0	
312	water resource mgnt	Income...	Posting	0		0	0	0	
313	cms	Balance...	Posting	0		0	0	0	
314	ardent anti pollution	Income...	Posting	0		0	0	0	

Manufacturing

Manufacturing is the production of merchandise for use or sale using labour and machines, tools, chemical and biological processing, or formulation. The term may refer to a range of human activity, from handicraft to high tech, but is most commonly applied to industrial design , in which raw materials are transformed into finished goods on a large scale. Such finished goods may be sold to other manufacturers for the production of other, more complex products sold to wholesalers, who in turn sell them to retailers, who then sell them to end users and consumers.

Manufacturing		General Invoicing Replenishment Planning Foreign Trade Item Tracking E-Commerce Warehouse																			
<ul style="list-style-type: none"> Product Design Items Reports Planning <ul style="list-style-type: none"> Items Stockkeeping Units Sales Orders Purchase Orders Transfer Orders Requisition Worksheets Recurring Req. Worksheets Reports Costing <ul style="list-style-type: none"> Items Stockkeeping Units Revaluation Journals History <ul style="list-style-type: none"> Registers Item Tracing Navigate Setup <ul style="list-style-type: none"> Manufacturing Setup 	No. ITEM0001																				
	Description CABRIO																				
	Base Unit of Measure MLS																				
	Bill of Materials <input type="checkbox"/>																				
	Shelf No.																				
	Automatic Ext. Texts <input type="checkbox"/>																				
	Created From Nonstoc... <input type="checkbox"/>																				
	Item Category Code. CHEMICALS																				
	Product Group Code.																				
	Search Description CABRIO																				
	Inventory. 300																				
	Qty. on Purch. Order 0																				
	Qty. on Prod. Order 0																				
	Qty. on Component Lines 0																				
	Qty. on Sales Order 0																				
	Qty. on Service Order 0																				
	Service Item Group																				
	Blocked <input type="checkbox"/>																				
	Last Date Modified 06/06/17																				

Warehouse

A warehouse is a building for storing goods. Warehouses are used by manufacturers, importers, exporters, wholesalers, transport businesses, customs, etc. They are usually large plain buildings in industrial parks on the outskirts of cities, towns or villages.

The screenshot displays the SAP Warehouse Management System (WMS) interface. On the left, a tree view shows the navigation structure, with 'Orders & Contacts' selected. The right pane shows the 'General' tab for item 'ITEM0001'. The fields are as follows:

Field	Value
No.	ITEM0001
Description	CABRIO
Base Unit of Measure	MLS
Inventory	300
Qty. on Purch. Order	0
Qty. on Prod. Order	0
Qty. on Component Lines	0
Qty. on Sales Order	0
Qty. on Service Order	0
Service Item Group	
Blocked	<input type="checkbox"/>
Last Date Modified	06/06/17

Security

Web services

Data from collection devices is sent to the server on real time, this data is sent through secure web services (Apis)

Encryption

All data transmitted to the server is encrypted making it secure.

Passwords

All users are required to login to the system.

User rights

each user has defined rights for access to the system.

Administration	
IT Administration	
Users	
Data Deletion	
Contact Creation	
General Setup	
Change Log Setup	
No. Series	
Change Log	
Post Codes	
Territories	
Languages	
Countries/Regions	
Printer Selections	
Setup Checklist	
Recurring Journals	
SMTP Mail Setup	

Role ID	Name
ADCS ALL	ADCS User
ADCS SETUP	ADCS Set-up
ALL	All users
BASETUP	Business Analytics setup
BN-SETUP	Business Notifications setup
BN-USER	Business Notifications user
CHANGELOG-DELETE	Delete Change Log Entries
CHANGELOG-SETUP	Setup Change Log
CHANGELOG-VIEW	View Change Log Entries
DOC-APP-SETUP	Document Approval Setup
DOC-APP-USER	Document Approval
EP-SETUP	Employee Portal Setup
FA-FIXED ASSET	Read fixed assets and entries
FA-FIXED ASSET, EDIT	Edit fixed assets
FA-INS JOURNAL	Create entries in ins. jnls.
FA-INS JOURNAL, POST	Post insurance journals
FA-INS REGISTER	Read insurance registers

Pricing

Pricing differs with the no of modules and users that login to the system.

Project Plan

The whole project implementation estimates is 2-6 months.