About the project

General overview of the project “100Weeks” Information Management System

# VSLA.

## What is a VSLA:

A VSLA(s) is a group of women who are supported by the Non-profit organization (100Weeks). It exists and supports women in 100 weeks (2 years). It is created to last 100 weeks, each VSLA has an average of 20 members and one mentor (also known as a coach) who overlooks its local operations, collects and records each member’s weekly savings and social funds contributions.

## VSLA lifespan

A VSLA group exists in 100 weeks (around 2 years), after its lifespan ends, it gets disbanded and its members are removed from the program but their records stay.

## a VSLA mentor/coach

A mentor is assigned to one or multiple VSLAs, he/she collects and records each VSLA member’s savings and social funds every week, he also records each VSLA’s assets(?).

## VSLA member’s **weekly savings** and **social funds**

VSLA’s weekly savings may differ according to the specific VSLA’s rules while social funds are the same to every VSLA.

Weekly savings amount per member depends on the number of shares that he/she have in the VSLA and the value per share may or may not change every week, month or year(?) I think no.

## VSLAs loans

Each VSLA has a loan limit, the loan must not exceed a certain amount which is set by each VSLA(?) with a monthly or weekly(?) interest, this interest rate is either constant or depends on the VSLA(?). Overdue loan payments must be paid in full + regular monthly interest in addition to penalty amount/rate every week/month.

The member requesting a loan must have no pending loan payment.

### How does the member requests for a loan?

I propose that a member requests for a loan through his mentor, the VSLA analyses the request and come up with the decision. OR,

The member requests a loan though his/her

Who approves loans?

# All functionalities

This software project contains 3 main features:

## Mandatory weekly fees

1. Savings data entry
2. Generate weekly reports

## Personal savings

1. Data entry
2. Report generation

# System users

## The System Administrator:

The system administrator will be in charge of managing all data & information of the system; he/she will be able to access all reports, print them or share them.

* Access and customize reports
* The admin will be able to create/remove other users and control their access to some software features.
* The admin will be able to access all kinds of reports available as well as those in the past.
* The admin can create/modify a VLTAs group.
* Add/modify/remove the configurations of a VLTAs.
* Assign members to the available VLTA.
* The admin can add/remove program beneficiaries.
* The admin can add/remove a coach who mentors and record data about a certain VLTA(s) like adding weekly saving for an individual member of a group
* The administrator can perform any action that can be performed by other lower level users.

## The organization clerk

The organization clerk is a user whose job is to only access data and reports available and can use them wherever is required.

The clerk can:

* Access reports and export them to a proper format like excel, pdf.
* Access the list of all organization participants from VLTAs individual members’ information, coaches.
* Add or modify VLTAs groups’ configurations.
* Add or modify VLTAs members’ information.
* Perform any task that can be performed by lower level users.

## The VLTA coach

The VLTA coach (or simply the coach) is a user whose job to the system is to record each VLTA member’s weekly monetary contribution to the VLTA.

The coach can:

* Record each one’s weekly saving.

Access their group’s history.

# The system flow structure

## Login process flowchart

Login success

Redirect to the dashboard page

Other choices

Input user email address

Is email registered?

Send the verification code to the said email address

And temporarily keep it into the database

Input 6-digit code

Does the code match the one in the database?

Type in the new password and confirm it

Does both password match

false

true

False

false

true

Forgot your password?

true

# Data Planning

## Beneficiary’s information:

**Personal information:**

* First name, last name
* Physical address
* Relatives (a sub-table)
  + Relative name
  + Relationship type
* VLSA Id (a link to the other table)
* ID card number
* Telephone number
* Gender
* Is married?
* Date-time joined the program
* Date exited (if the beneficiary is no longer in the program)
* Beneficiary status (either active or suspended or exited)

## Coach (Local VLSA modulators/mentors)

Personal information

* First name, last name
* Physical address/location
* ID card number
* Telephone number
* Gender
* Date-time joined
* Status

## System administrators information

Admin personal info:

* First name, last name
* Email address
* Telephone number
* Date joined

## System Users

* User\_id
* User type (admin or coach)
* Personal id (either ID of a coach or the administrator)
* Password
* Status

## Saving records

Records about weekly savings:

## Loans

## VSLA

* Creation date
* VSLA id

## VSLA\_assigned\_mentor

* Mentor id
* VSLA id

## VLSA\_assets

* Asset ID
* VSLA\_id
* Asset\_type(nature)
* Asset value