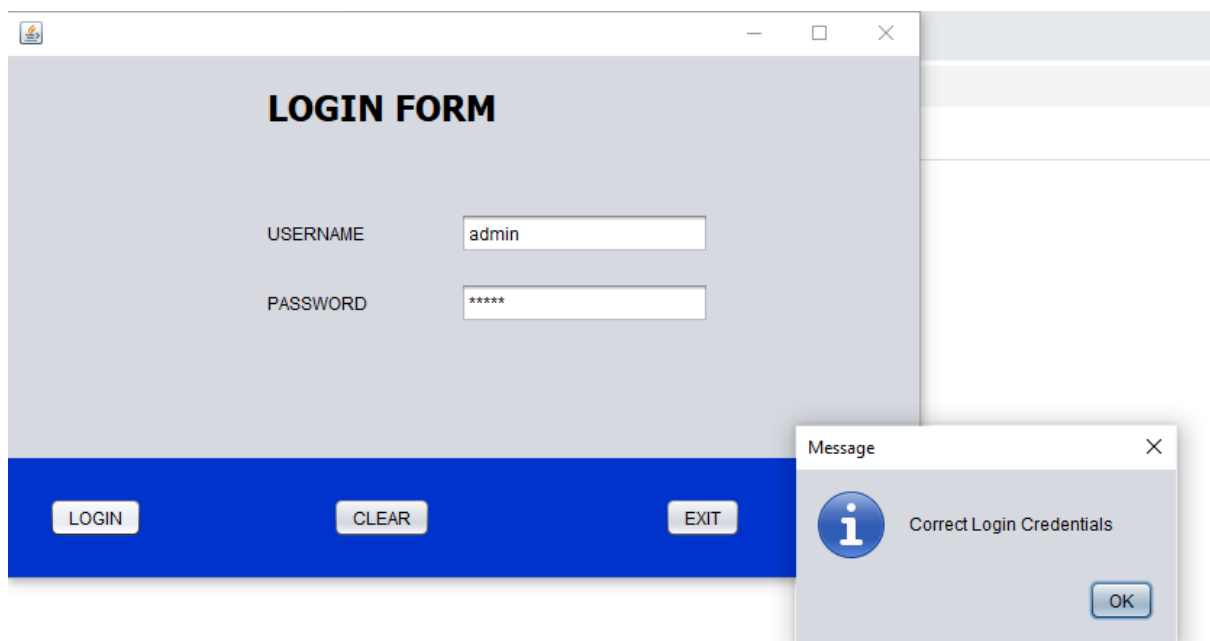Jotham's Rural development farm user's manual

Introduction

The system is meant to help rural area farmers make decisions on their farming styles, so to say help them see if there are making profit on their product or not. That will enable them to make business decisions if that kind of farming is making them a profit or not.

The system will be desktop application, operated by admin who will help farmer record their details and at the end of the season a profit or loss will be calculated for the farmer.
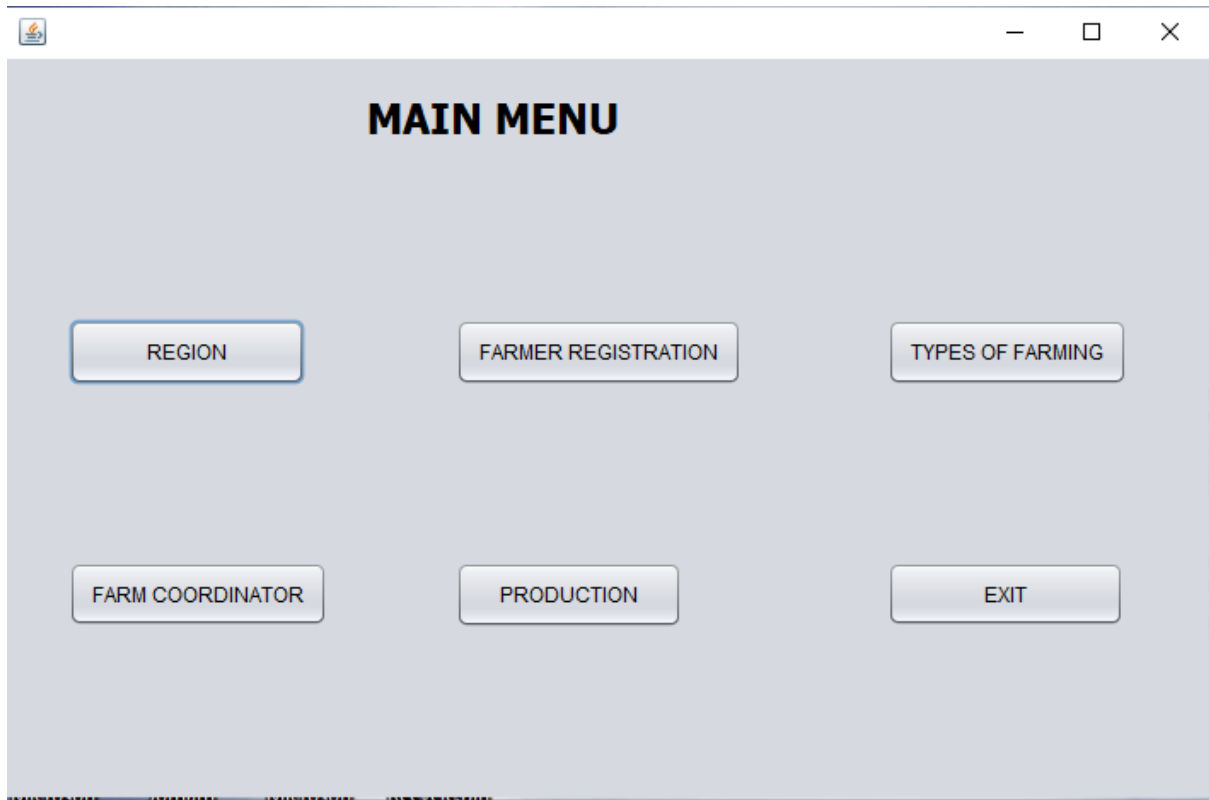
System demo

Login page where the admin will input his/her credentials. When the credentials are correct that little message box appears even when there are wrong it does says that wrong credentials. After ever page the user must press main menu, to select other pages.

Main menu page

After successfully login the main menu page appears. Just a click on each button then it appears but first the region button to add regions. Exit button will go straight to login page

Region page. After adding a region, it appears on the table on the right side of the page. The buttons on the bottom blue are for adding, viewing, updating records but first enter a registered region code

REGION FORM

regionCode	name
12	Manzin
13	Hhohho
14	Mbabane

REGION CODE

REGION NAME

REGIONS

MAIN MENU · ADD · VIEW · UPDATE · CLEAR

Farmer Registration page

The registered farmer appears on the top right table then on the bottom right appears the available regions so that a farmer may be registered in a region. Check region codes.

FARMER REGISTRATION

FARMER ID	2019
FARMER NAME	Sanele
FARMER SURNAME	Dlamini
DATE OF BIRTH	05.04.1990
GENDER	MALE
CELLPHONE NUMBER	07896540
NEXT OF KEEN	Tn
REGION CODE	12

REGISTERED FARMERS

farmerID	Name	regionCode
2019	Sanele	12
2038	Joyce	13
2045	Sans	12

AVAILABLE REGIONS

regionCode	name
12	Manzin
13	Hhohho
14	Mbabane

MAIN MENU · ADD · VIEW · UPDATE · DELETE · CLEAR

Types of farming page:

For this system will work in different regions the types of farming will not be same so administrators has to manual enter types of farming available for that region.

TYPES OF FARMING REGISTERD

AVAILABLE TYPES OF FARMING

FARMING CODE   9031

farmingCode	farmingName	regioncode	typeOfProduct
9036	Crop production	12	maize
9087	animal Produ...	13	goats

FARMING NAME   Crop production

REGION CO...   12

important   ×

ℹ Type of farming added successfully

OK

TYPE OF PRODUCT   Legumes

MAIN MENU   ADD   DELETE   VIEW   CLEAR

Farm coordinators page

Records for each region will be entered for farm coordinators this will be the agriculture specialist, giving advice to farmers.

FARM COORDINATOR

DEPLOYED COORDINATORS

EMPLOYMENT NUMBER   6012

employeeNumber	regionCode	agricName	emailAddress
6012	12	Jan	Saew@qwe
6014	13	Judas	abc@yahoo.fx

REGION CODE   12

NAME   Jan

SURNAME   Mbatha

Message   ×

CELLPHONE NUMBER   0155685

ℹ Agriculture specialist record successfully updated

EMAIL ADDRESS   Saew@qwe

OK

MAIN MENU   ADD   VIEW   UPDATE   DELETE   CLEAR

Production page

This page will help farmers calculate if there are making profit or loss on their products.

On the top right corner there are two small boxes far right there is a button if pressed the details of the region selected on the combo-box will appear on the tables below the buttons. Then only the products can be entered on this form.