VERBAT

SRS: Buna Tetu

(Procurement Management Module)

For: Kerchanshe Trading PLC

Created by

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Revision History

Revision #	Revision Date	Description of Change	Author	Comments
1.0	06 Feb 2020	Initial draft	Jane Suji	
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1.2	11 Feb 2020	Minor changes	Jane Suji	

Document Approval

This document has been accepted and approved by the following:

Signature	Printed Name	Title	Date

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1   Introduction

The purpose of this document is to give a detailed description of the requirements for the "Procurement Management Module" for BUNA TETU (ERP). The document will illustrate the purpose and complete declaration for the development of the system. This document primarily intends to be proposed to a customer for approval, and a reference for the development team to develop the first version of the system. The customer shall review the document and changes shall be updated as per the requirements. Once the document is frozen, the team shall proceed with the "Procurement Management Module" prototype development.

1.1   Product Perspective

Primarily, the scope of the document pertains to the application features for the development of the Procurement Management Module that shall be one of the module under the ERP – BUNA TETU.

The application will have the following core components:

❖ **Procurement Management Module**

Procurement Management module shall be developed as a module, which shall have a web based application and an android mobile application. This can be later, plugged into the ERP. This module shall have the users mentioned below:

1) Super Admin
2) HQ Approval Team
3) Procurement Officers
4) Leadership Team

❖ **Super Admin**

Super Admin shall have the below functionalities:

1. Manage Procurement Officer
   - Fields are First Name, Last Name, Email ID, Contact no, Branch, PIN
2. Manage Branch
   - Fields are Upload XL sheet/select branch, branch ID, branch name
3. Manage Farmers
   - Fields are Upload XL sheet/add farmer ID, farmer name, branch code, branch name, contact no
4. Manage mobile devices (Add IMEI number)
5. Edit/Activate/Deactivate & Remove Procurement Officer, HQ Approval Team, farmers, Branches, Devices, CXO members
6. Change Password

7. Dashboard(proposed elements)
   a. Total Farmers
   b. Total Procurement Officers
   c. Total Registered Officers
   d. HQ Approval Team
   e. Procurement Officers
   f. Branches
   g. Farmers

❖ **HQ Approval Team**

HQ Approval Team member shall have the below functionalities:

1. Approve/Reject Purchase Requests from Procurement Officers
2. Add notes
3. Change password
4. Dashboard(proposed elements)
   a. Procurement requests
   b. Approved requests
   c. Pending requests
   d. Request List

❖ **Procurement Officer**

Procurement Officer shall have the below functionalities:

1. Super Admin adds the IMEI number for adding a new device
2. Install the application in device through the apk send by the super admin in mail
3. Login using license key and the PIN
4. Scan QR code/enter details of the farmer
5. Send request for procurement(add notes) to the HQ team for approval:
   • If approved the Procurement Officer shall purchase
   • If rejected the Procurement Officer shall view the notes and add notes
6. Procurement Officer shall edit purchase(Order cannot be edited once it is purchased
7. Once the purchase is done the Farmer shall receive SMS

❖ **Leadership Team**

Leadership (cXo, Managers) team shall only have the Dashboard as functionality:

1. Dashboard(proposed elements)
   a. Procurement Requests
   b. Approved Requests
   c. Pending Requests
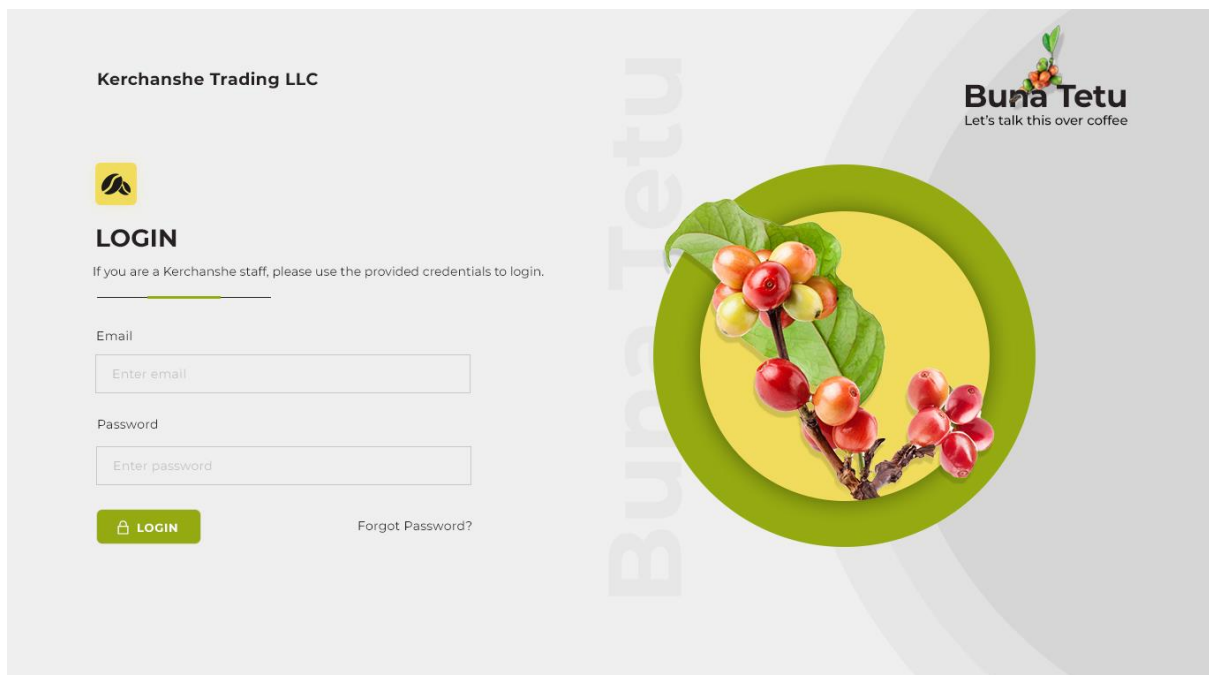   d. Procurement details (Farmer ID, Area, Type, Quantity, Quality, price, status, Approval Officer)

2 Functional Requirements

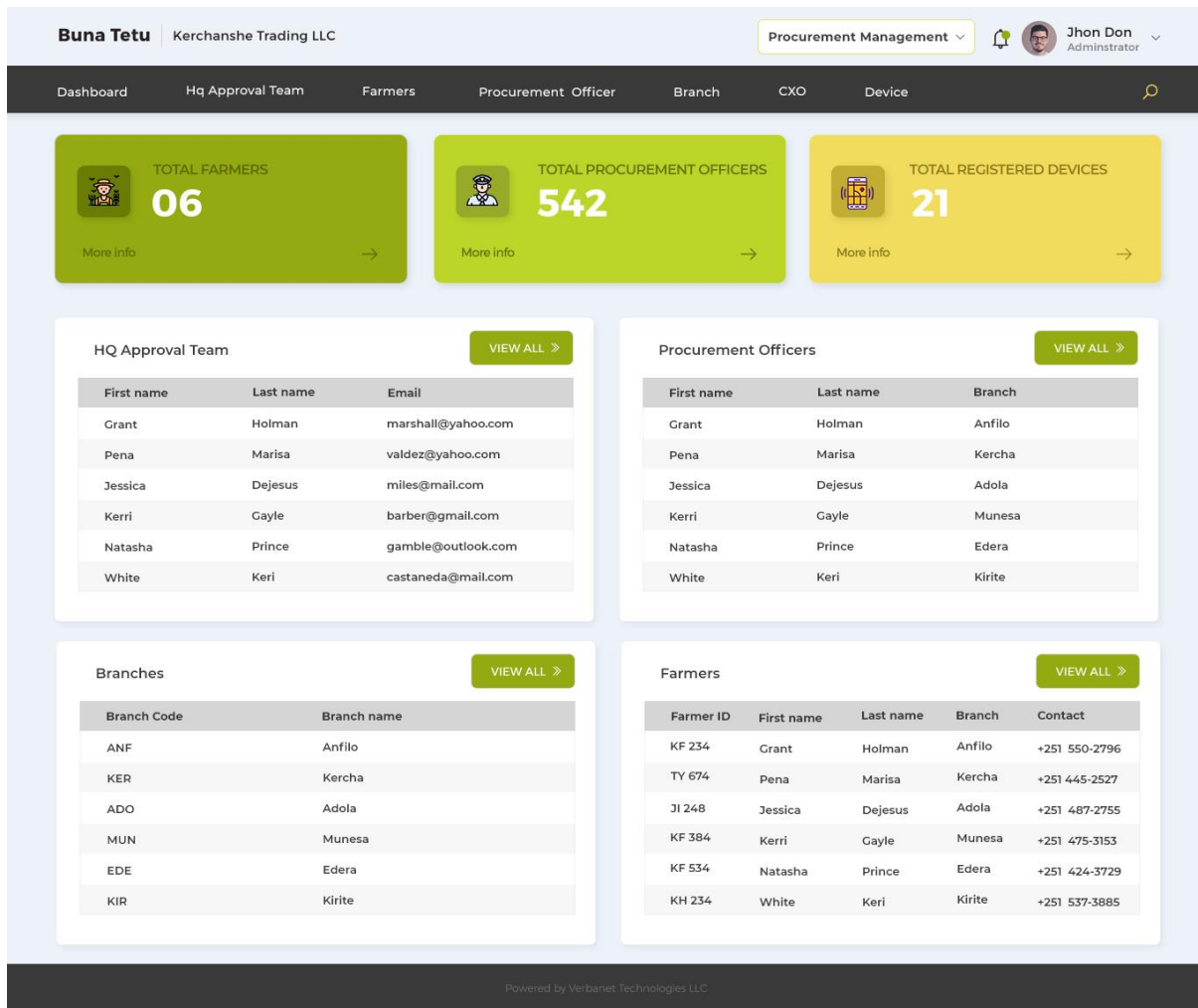## 2.1 Web Application

2.1.1 Splash Screen

2.1.2 Login Screen

Users (cXo, HQ approval team, Super Admin) shall login using the Email and password. If the user forgets the password, clicking the forget password option shall send a password to the mail.

2.1.3   Procurement Dashboard (Super Admin)
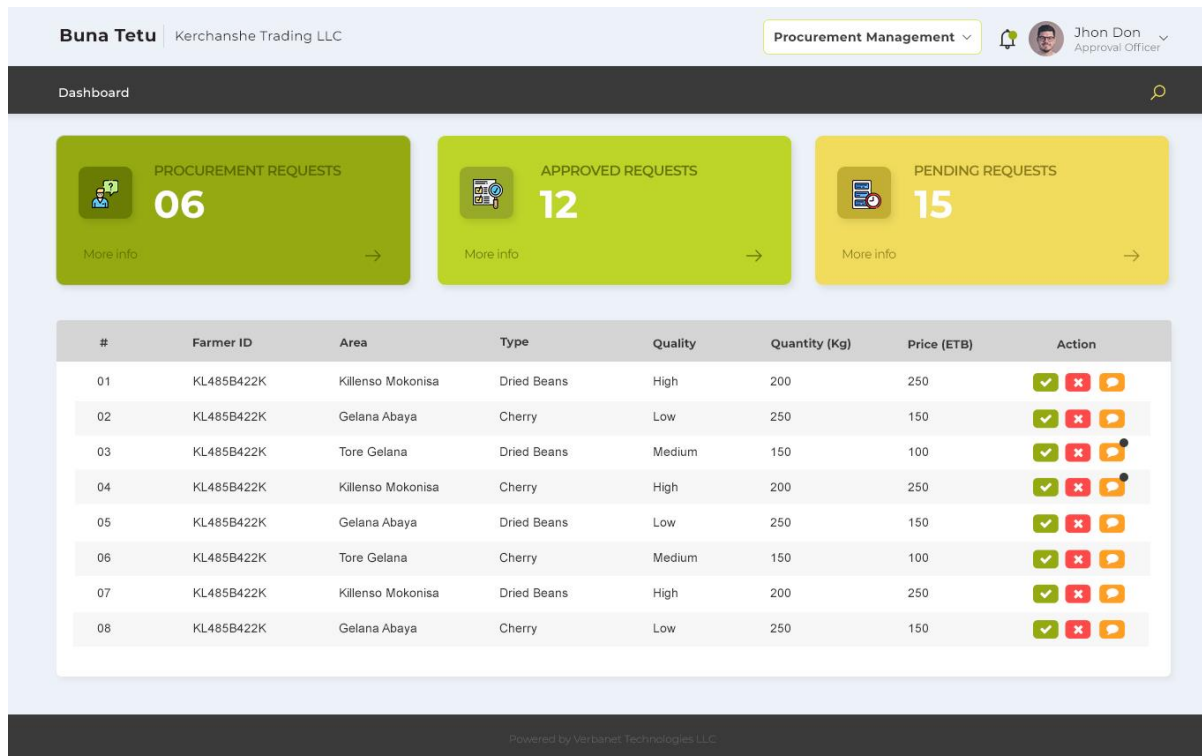

The Dashboard shall have the below elements:

1.   Total number of Farmers
2.   Total number of procurement officers
3.   Total number of Registered devices
4.   HQ Approval Team
5.   Procurement Officers
6.   Branches
7.   Farmers

The Super Admin Login shall also have the below features:

1.   Edit/Activate/Deactivate/Remove Users, Branches, devices and Farmers
2.   Create Branches, Farmers, Procurement Officers, HQ Approval team, device and cXo
3.   Password management
4.   Search
5.   Add IMEI number and select officer to add new device

6. Generate/Edit License Key, PIN

7. Assign permission to users

2.1.4   HQ Approval Team Dashboard

The Dashboard shall have the below elements:

1. Total number of procurement requests

2. Total number of approved requests

3. Total number of pending requests

4. Request list

The HQ Approval Officer Login shall also have the below features:

1. Approve/reject requests

2. Add, view notes

3. Password management

4. Search

2.1.5 CXO Dashboard
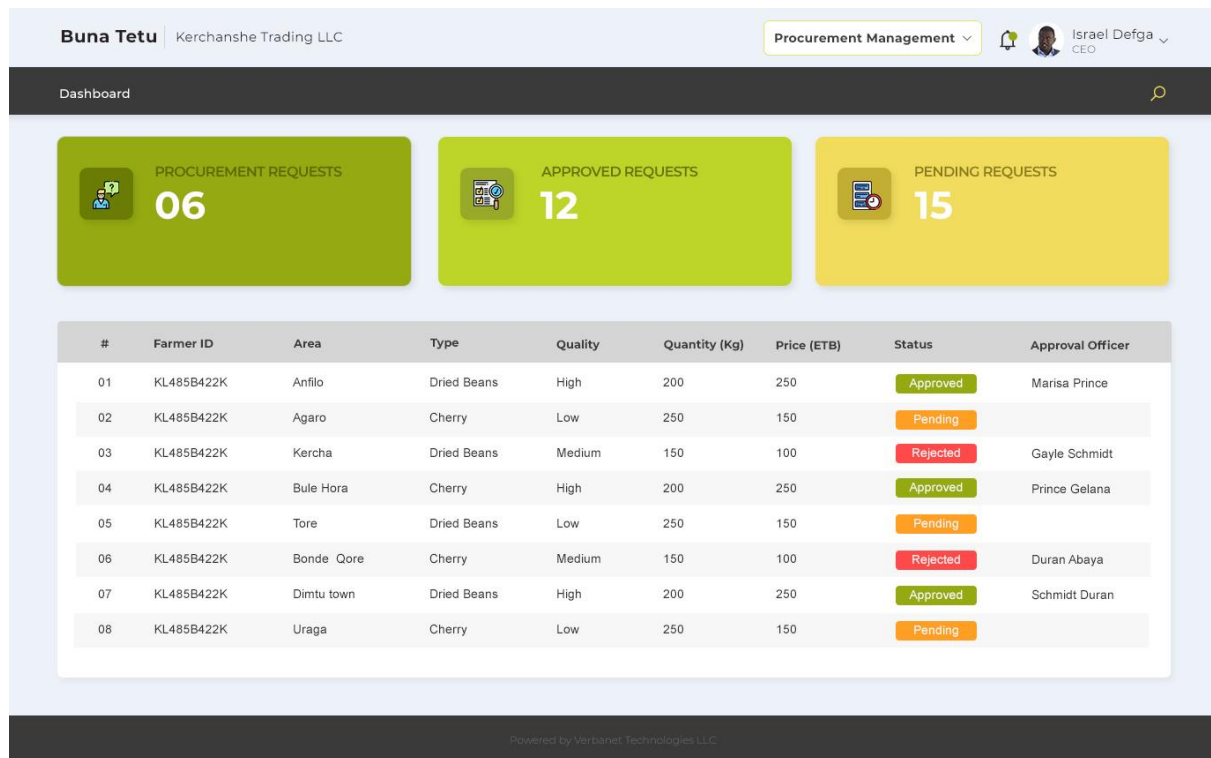
The Dashboard shall have the below elements:

5. Total number of procurement requests
6. Total number of approved requests
7. Total number of pending requests
8. Procurement list

The cXo shall view all the procurement details
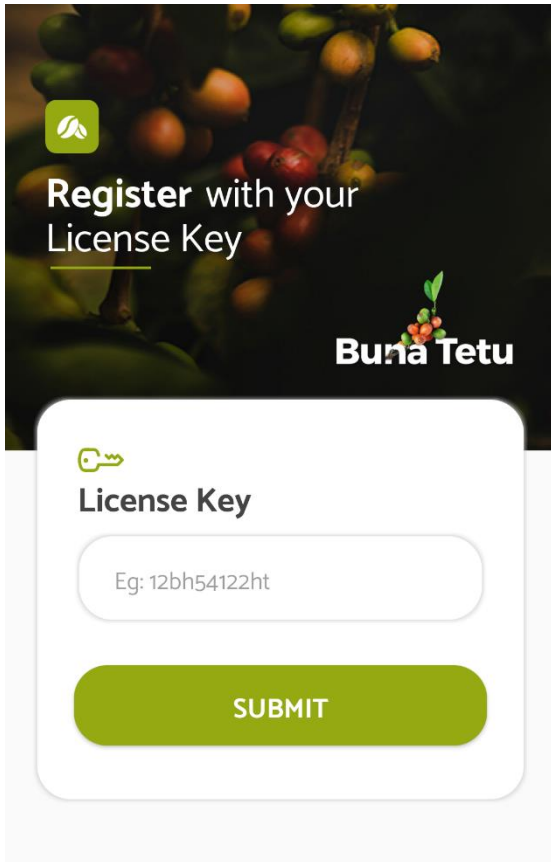
2.2 Mobile Application

2.2.1 Splash Screen

Splash screen appears for 3 seconds on opening the application.
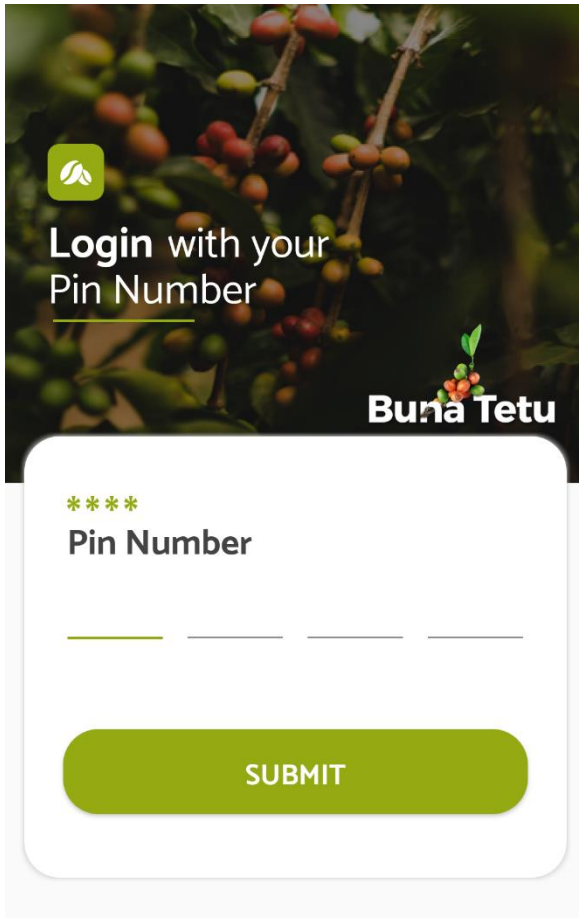
2.2.2   Registration Screen

Procurement Officer shall register using the license key, which shall be send by the Super Admin during the registration of the device.

2.2.3   Login Screen
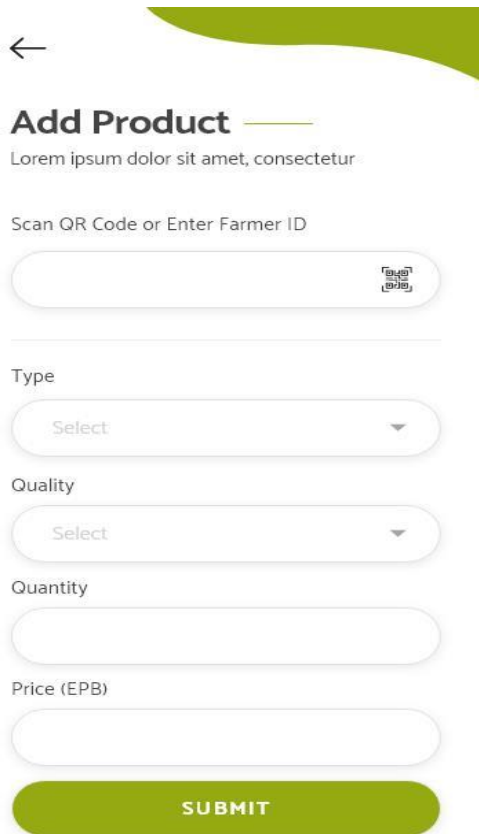
After successful registration the Procurement Officer shall login using the PIN, which shall be send by the Super Admin during registration using License key. The Procurement Officer shall enter the PIN every time he/she login to the application.

2.2.4 Add Product

Procurement Officer Shall:

1) Scan QR code
2) Add type(cherry/dried), quality(high/medium/low), quantity, price(ETB)
3) Submit for approval

The procurement officer visits the farmer scans the QR code from the farmer's ID, add the details of purchase and submits for Approval by the HQ Approval team

2.2.5   Listing

Procurement Officer shall

1) Purchase
2) Edit Purchase
3) Add/View Notes
4) Add product

Note: If the request is Approved Purchase button appears, Procurement Officer can purchase, if the Procurement Officer Purchase the product, SMS shall be send to the farmer with the payment details. Below shown is the format of the SMS.

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WITH OUR SINCERE THANKS.

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