



SRS: Buna Tetu

(Asset Management Module)

For: Kerchanshe Trading PLC

Submitted by

Verbanet Technologies LLC

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Document Approval

This document has been accepted and approved by the following:

Signature	Printed Name	Title	Date

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1 Introduction

This section gives a scope description and overview of everything included in this SRS document. In addition, the purpose of this document is described. The purpose of this document is to give a detailed description of the requirements for the “Asset Management Module” for BUNA TETU (ERP). The document will illustrate the purpose and complete declaration for the development of the system. This document is primarily intended to be proposed to a customer for approval, and a reference for the development team to develop the first version of the system.

1.1 Product Perspective

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

The application will have the following core components:

❖ Asset Management Module

Asset Management module shall be developed as an independent module, which can be later, plugged into the ERP. This module shall have two sections:

- 1) Admin Login
- 2) User Login

❖ Admin Login

Admin have the below functionalities:

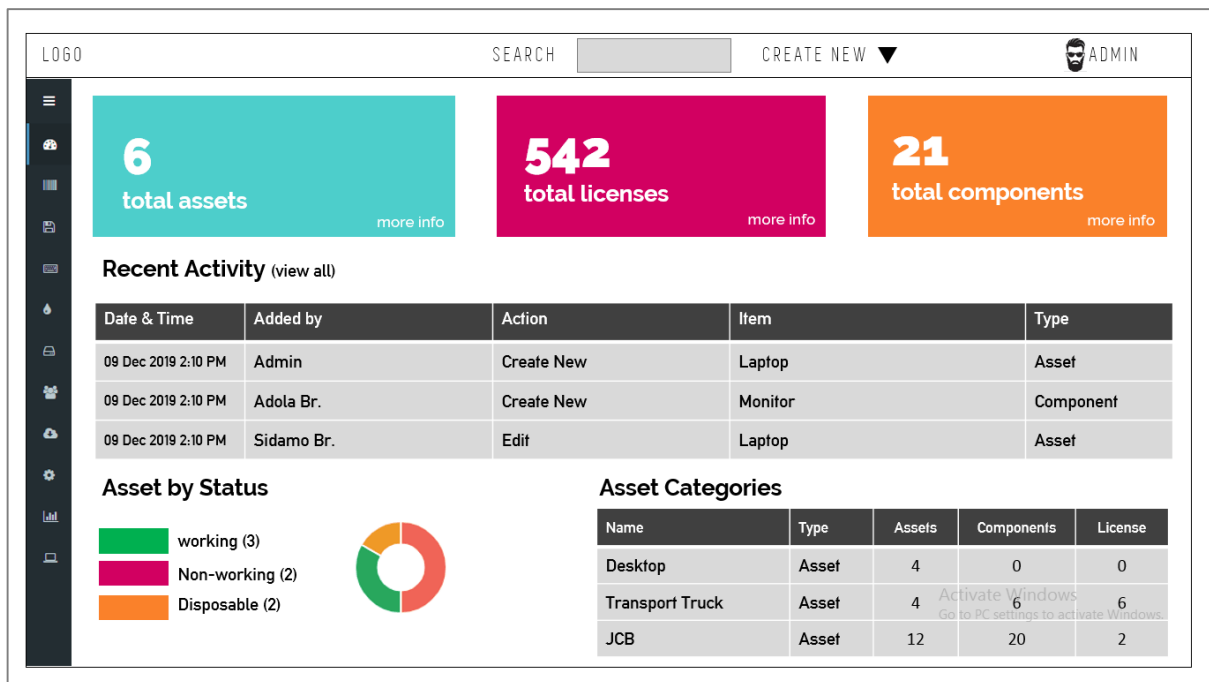
1. Create new Asset (Assets are items tracked by serial number or asset tag. They tend to be higher value items where identifying a specific item matters.)
2. Create new Component (Components are items that are part of an asset, for example HDD, RAM, etc.)
3. Create new License (Licenses associated with software's, operating systems, etc.)
4. Edit profile
5. Change Password
6. Dashboard
 - a. Total Assets
 - b. Total Components
 - c. Total License
 - d. Recent Activity
 - e. Asset by Status

- f. Asset Categories
- 7. List All Assets
 - a. View Assets
 - b. View Components
 - c. View Maintenances
 - d. View Notes
 - e. View Files
- 8. Reports
 - a. Activity Report
 - b. Depreciation Report
 - c. License Report
- 9. Create users
 - a. Create Login
 - b. Assign Permissions

2 Functional Requirements

2.1 Requirement Specification

2.1.1 Dashboard



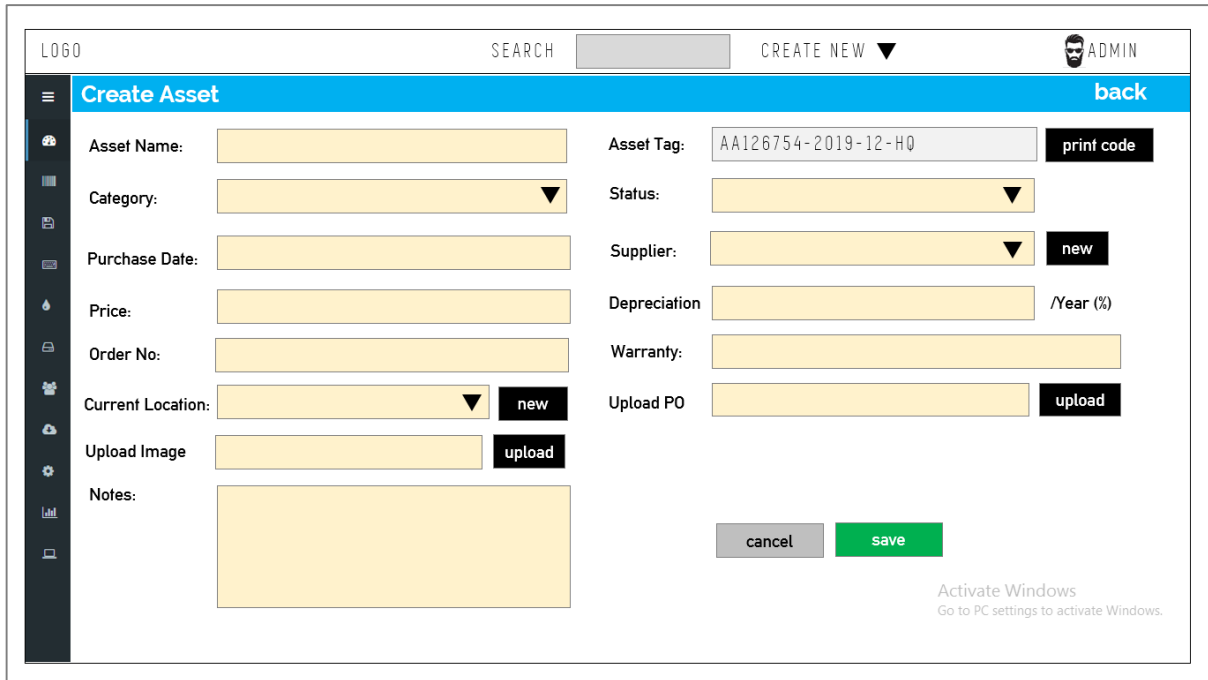
The Dashboard shall have the below information's:

1. Total number of Assets
2. Total number of components
3. Total number of Licenses
4. Recent Activity
5. Asset by Status
6. Asset Categories

The Admin Login shall also have the below features:

1. Edit Profile
2. Password management
3. Search
4. Create users
5. Assign permission to users

2.1.2 Create Asset



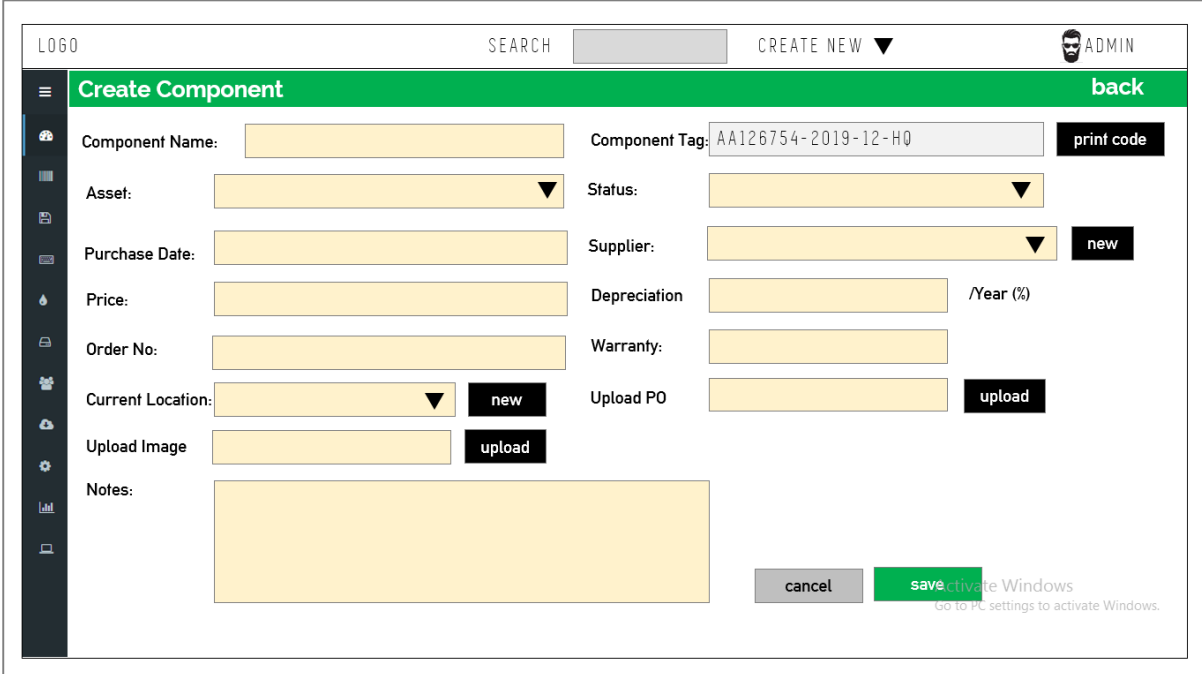
Assets are items tracked by serial number or asset tag. They tend to be higher value items where identifying a specific item matters.

Admin or User can create Assets. The information added in the application are as below:

1. **Asset Name** (Plucking machine, Plantation Machinery, Computer, Chairs)
2. **Asset Tag** (Auto-generated Alpha-Numeric Unique code, which shall be printed as a QR Code/Barcode)
3. **Category** (Heavy machine, Agro Machine, IT Related. Furniture)
4. **Status** (Working, Non-Working, Disposable)
5. Purchase Date
6. Supplier
7. Price
8. Depreciation (Formula yet to be derived)
9. Purchase Order No.
10. Warranty
11. Current Location of the Asset
12. Upload Image and PO of the Asset
13. Notes

2.1.3 Create Component

Components are items that are part of an asset, for example New Tire for Trucks, Music system for Transport Vehicles, HDD, RAM, etc.

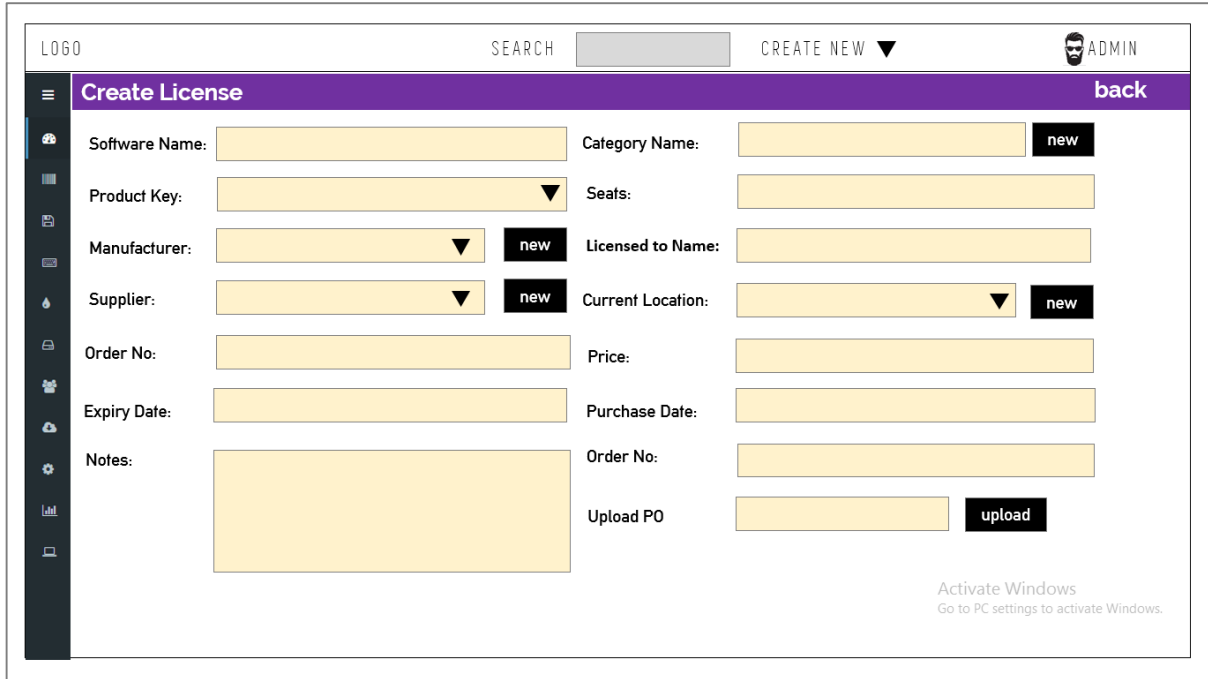


Admin or User can create Asset Components, which are connected to an Asset Item. The information added in the application are as below:

1. Component Name
2. **Component Tag** (Auto-generated Alpha-Numeric Unique code, which shall be printed as a QR Code/Barcode)
3. Asset (To which Asset Item, the Component is attached)
4. **Status** (Working, Non-Working, Disposable)
5. Purchase Date
6. Supplier
7. Price
8. Depreciation (Formula yet to be derived)
9. Purchase Order No.
10. Warranty
11. Current Location of the Component
12. Upload Image and PO of the Component
13. Notes

2.1.4 Create Licenses

A software license is a license agreement that gives an individual, company, or organization permission to use a software program. These need to be added as Asset and need to be tracked for renewal/expiry and usage.



LOGO SEARCH CREATE NEW ▼ ADMIN

Create License back

Software Name: Category Name: new

Product Key: ▼ Seats:

Manufacturer: ▼ new Licensed to Name:

Supplier: ▼ new Current Location: ▼ new

Order No: Price:

Expiry Date: Purchase Date:

Notes:

Order No:

Upload PO upload

Activate Windows
Go to PC settings to activate Windows.

The information added in the application are as below:

1. Software Name (Windows OS, Microsoft office)
2. Category name: (OS, Financial, Database)
3. Product Key
4. Seats (No. of Licenses)
5. Manufacturer (Microsoft, Adobe, Oracle)
6. Licensed To Name (Machine Tag Number, Department or Individual)
7. Supplier
8. Current Location
9. Purchase Order No
10. Price
11. Purchase Date
12. Expiry Date
13. Upload PO
14. Notes

2.1.5 List Assets

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List Assets

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	Asset Name	Tag	Category	Status	Location	Cost - USD	Image	Action
<input type="checkbox"/>	Plantation Machinery	KC-HQ-10122019-1	Heavy Machinery	Working	HQ-Agro Depot	35,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Plucking Machine	KC-HQ-10122019-2	Medium Machinery	Working	HQ-Agro Depot	23,000		<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Heavy Duty Twin Blower	KC-HQ-10122019-3	Heavy Machinery	Working	Adola Br.	17,500	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Post Hole Diggers	KC-HQ-10122019-4	Medium Machinery	Working	Sidamo Br.	35,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Pits Diggers	KC-HQ-10122019-5	Heavy Machinery	Non-Working	HQ-Agro Depot	23,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Weed Cutters	KC-HQ-10122019-6	Medium Machinery	Working	HQ-Agro Depot	17,500	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Plantation Machinery	KC-HQ-10122019-7	Agro Machinery	Working	Adola Br.	35,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Plucking Machine	KC-HQ-10122019-8	Agro Machinery	Working	Sidamo Br.	23,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Heavy Duty Twin Blower	KC-HQ-10122019-9	Agro Machinery	Non-Working	HQ-Agro Depot	17,500	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Post Hole Diggers	KC-HQ-10122019-10	Medium Machinery	Disposable	HQ-Agro Depot	35,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Pits Diggers	KC-HQ-10122019-11	Heavy Machinery	Disposable	Adola Br.	23,000	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>
<input type="checkbox"/>	Weed Cutters	KC-HQ-10122019-12	Medium Machinery	Working	Sidamo Br.	17,500	<div><div></div></div>	<div><div>🔍</div><div>✏️</div><div>🗑️</div></div>

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Activate Windows

Go to PC settings to activate Windows.

This screen gives the entire list of Assets in the Organization. The table shows the below information as default.

1. Asset Name
2. Tag No
3. Category
4. Status
5. Location
6. Price
7. Image Thumbnail
8. Action (View, Edit, Delete)

This screen have the below functionalities as well:

1. Search and Advanced Search
2. Refresh
3. Custom Column Selection
4. Download/Export to Excel, CSV, PDF
5. View More details in clicking the Asset Name or View Button

2.1.6 View Asset

The below screen is shown when as Asset name or View More button is clicked from the previous “List Assets” screen.

LOGO

SEARCH

CREATE NEW ▼

ADMIN

View Asset - Plantation Machinery (KC-HQ-10122019-1)

back

ASSET DETAILS

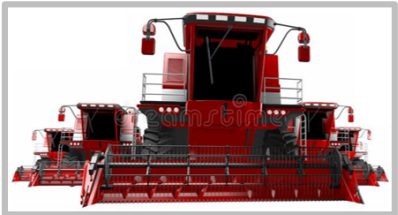
COMPONENTS

MAINTENANCES

NOTES

FILES

Asset Name	Plantation Machinery
Asset Tag	AA126754-2019-12-HQ
Category	Heavy Machinery
Status	Working
Purchase Date	12 Jan 2019
Supplier	Ethiopian Machinery PLC
Price	12,300 USD
Depreciation	
Order No.	HQ/12/235/10
Warranty	3 Years
Current Location	Adola



zoom [+]

Activate Windows

Go to PC settings to activate Windows.

The screen has the below tabs:

1. Asset Details
2. Components (List of components attached with the Asset)
3. Maintenances (Details of maintenances done for the Asset or the Component)
4. Notes (Notes added by Admin or users for the Asset or Components)
5. Files (Documents uploaded such as PO, Invoice, Payment Slips etc.)

2.1.7 Reports

2.1.7.1 Recent Activity Report

The report shall show the recent activity in the Module. The report shows the addition of Asset, Edit, Delete or any update done in the application. The Report can be exported/downloaded as Excel/PDF/CSV format.

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ADMIN

Recent Activity Report

Date & Time	Added by	Action	Item	Type
09 Dec 2019 2:10 PM	Admin	Create New	Laptop	Asset
09 Dec 2019 2:10 PM	Adola Br.	Create New	Monitor	Component
09 Dec 2019 2:10 PM	Sidamo Br.	Edit	Laptop	Asset
09 Dec 2019 2:10 PM	Admin	Create New	Laptop	Asset
09 Dec 2019 2:10 PM	Admin	Create New	Laptop	Asset
09 Dec 2019 2:10 PM	Adola Br.	Create New	Monitor	Component
09 Dec 2019 2:10 PM	Sidamo Br.	Edit	Laptop	Asset
09 Dec 2019 2:10 PM	Admin	Create New	Laptop	Asset
09 Dec 2019 2:10 PM	Adola Br.	Create New	Monitor	Component
09 Dec 2019 2:10 PM	Sidamo Br.	Edit	Laptop	Asset

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Activate Windows

Go to PC settings to activate Windows.

2.1.7.2 Depreciation Report

The report shall show the Depreciation Report. The Report can be exported/downloaded as Excel/PDF/CSV format

LOGO

CREATE NEW ▼

ADMIN

Depreciation Report

Tag	Asset	Purchased on	# of month	Location	P. Cost	D. Cost	Diff.
KC-HQ-10122019-1	Plantation Machinery	09 Dec 2019	30	HQ-Agro Depot	35,000	25,000	10,000
KC-HQ-10122019-2	Plucking Machine	09 Dec 2019	12	HQ-Agro Depot	23,000	13,000	10,000
KC-HQ-10122019-3	Heavy Duty Twin Blower	09 Dec 2019	25	Adola Br.	17,500	12,500	2,500
KC-HQ-10122019-4	Post Hole Diggers	09 Dec 2019	24	Sidamo Br.	35,000	25,000	10,000
KC-HQ-10122019-5	Pits Diggers	09 Dec 2019	10	HQ-Agro Depot	23,000	13,000	10,000
KC-HQ-10122019-6	Weed Cutters	09 Dec 2019	12	HQ-Agro Depot	17,500	12,500	5,000
KC-HQ-10122019-7	Plantation Machinery	09 Dec 2019	15	Adola Br.	35,000	15,000	2,500
KC-HQ-10122019-8	Plucking Machine	09 Dec 2019	10	Sidamo Br.	23,000	13,000	10,000
KC-HQ-10122019-9	Heavy Duty Twin Blower	09 Dec 2019	5	HQ-Agro Depot	17,500	7,500	10,000
KC-HQ-10122019-10	Post Hole Diggers	09 Dec 2019	10	HQ-Agro Depot	35,000	5,000	5,000

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2.1.7.3 License Report

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License Report

License	Key	Seats	Remaining	Expiry Date	Purchase Date	Cost
Microsoft Office	ABC-123-DEF-456-GHIJ	1	1	09 Dec 2019	09 Dec 2019	10,000
Adobe	ADOBE-01-01-ADOBE-01-01	10	5	09 Dec 2019	09 Dec 2019	10,000
Microsoft Office	ABC-123-DEF-456-GHIJ	1	1	09 Dec 2019	09 Dec 2019	2,500
Adobe	ADOBE-01-01-ADOBE-01-01	10	5	09 Dec 2019	09 Dec 2019	10,000
Microsoft Office	ABC-123-DEF-456-GHIJ	1	1	09 Dec 2019	09 Dec 2019	10,000
Adobe	ADOBE-01-01-ADOBE-01-01	10	5	09 Dec 2019	09 Dec 2019	5,000
Microsoft Office	ABC-123-DEF-456-GHIJ	1	1	09 Dec 2019	09 Dec 2019	2,500
Adobe	ADOBE-01-01-ADOBE-01-01	10	5	09 Dec 2019	09 Dec 2019	10,000
Microsoft Office	ABC-123-DEF-456-GHIJ	1	1	09 Dec 2019	09 Dec 2019	10,000
Adobe	ADOBE-01-01-ADOBE-01-01	10	5	09 Dec 2019	09 Dec 2019	5,000

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