



PROVATIX SOLUTIONS LIMITED

SAP B1 ADD-ON MANUAL

Abstract

This Add-On was designed to automate Production processes and Sales Delivery by creating barcodes for finished goods items and scanning the barcodes for Sales purposes.

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Table of Contents

INTRODUCTION.....	2
LOGIN SCREEN	2
MENU BAR.....	2
USER MENU	3
USER ROLES.....	3
RECEIPT FROM PRODUCTION.....	4
CREATE PRODUCTION	4
PRODUCTION RECEIPT	4
PRODUCTION DETAILS	7
PRODUCTION SUMMARY	8
CREATE GOODS RECEIPT.....	9
GOODS RECEIPT	9
GOODS RECEIPT DETAILS.....	11
DELIVERY.....	12
CREATE DELIVERY	12
SCANNING SALES ITEMS.....	13
EXISTING DELIVERY	14



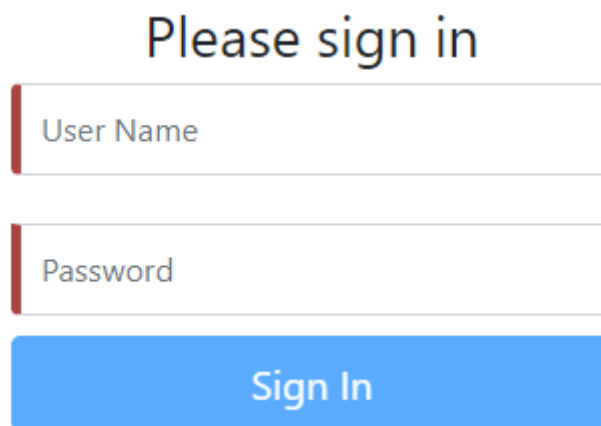
INTRODUCTION

This Add-On was designed to automate Production processes and Sales Delivery by creating barcodes for finished goods items and scanning the barcodes for Sales purposes.

The application is tightly integrated with SAP from the point of authentication to posting of documents created within the add-on.

The add-on uses a role-based authorization to restrict the users from some functionalities if no authorization is given or assigned.

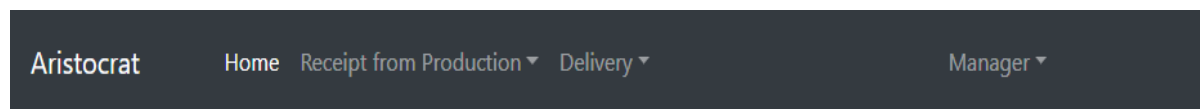
LOGIN SCREEN



The login screen features a central heading "Please sign in". Below it are two input fields: the first is labeled "User Name" and the second is labeled "Password". Both fields have a red vertical bar on their left side. Below the password field is a blue button with the text "Sign In".

- The login is presented if you are not already logged in to the application.
 - Here you must provide your SAP username and password.
 - Click the sign-in button and wait for authentication message.

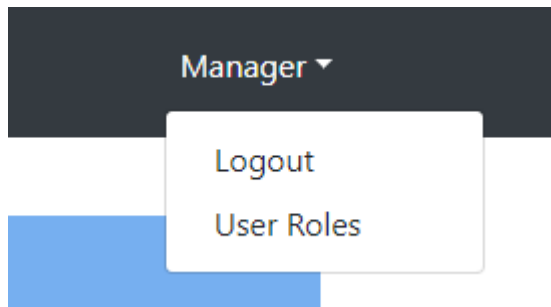
MENU BAR



- The menu bar provides the link to various modules in the add-on
 - Home - Dashboard for the add-on
 - Receipt from Production - Here you carry out all production transactions like Finished goods receipt, WIP Receipt, and Scrap receipt
 - Delivery - Here you carry out sales transaction using the delivery modules
 - User Name - Displays the currently logged on username and the available options include link to logout and administer user roles.










USER MENU



- LOGOUT - Used to end the user session
- USER ROLES - Used to manage user roles

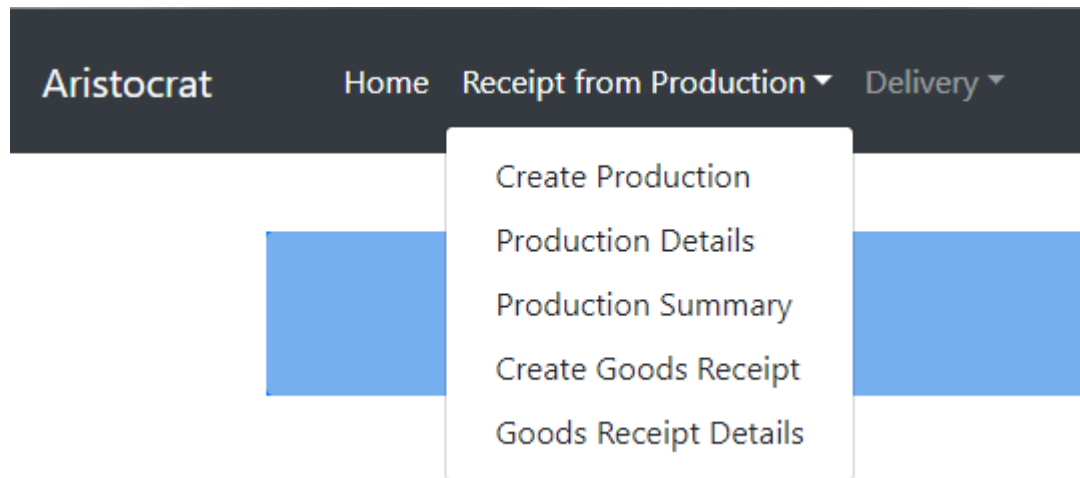
USER ROLES

USERS					
<button>Refresh</button>					
User Name	Admin	Approve PR	Approve DV	Approve GR	
femmy	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	
manager	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	
olufemi	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	
test	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	
test2	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	
test3	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	

- Assign the necessary authorizations to the user and click the  button to save



RECEIPT FROM PRODUCTION



CREATE PRODUCTION

PRODUCTION RECEIPT





PRODUCTION RECEIPT					
Order Number:	Date:	Supervisor:	Warehouse:	Machine No.:	Posted:
<input type="text" value="e.g 20180101"/>	<input type="text" value="2018-10-05"/>	<input type="text" value="Supervisor's name"/>	<input type="text"/>		No
Item Code:	Item Name:	SAP Planned Qty:	SAP Open Qty:	Posted Qty:	
		0.00	0.00	0.00	
Customer Name:		Current Total Qty:	Produced Qty:	Balance Qty:	
		0.00	0.00	0.00	
Redress Material:		Auto Quantity			
<input type="text" value="No"/>		<input type="text" value=""/>			
Batch No.	Quantity	Redress	Action		


- Here you receive finished/WIP goods from already planned production in SAP by supplying the Production Order number in the provided field.





Order Number:	Date:	Supervisor:	Warehouse:	Machine No.:	Posted:
14	2018-10-05	Ahmed Ojodu	FG	02	No
Item Code:	Item Name:	SAP Planned Qty:		SAP Open Qty:	Posted Qty:
FGPCMTBLWHT001	SABRINA	20,000.00		15,018.00	5,015.00
Customer Name:	Current Total Qty:		Produced Qty:	Balance Qty:	
	68.40		5,015.00	14,985.00	

Redress Material:	Auto Quantity
No	

Batch No.	Quantity	Redress	Action
18905021123413	33.40	No	 
18905021123918	35.00	No	 

 Save

- After providing the Production Order number, the application would fetch the production order details from SAP based on the planned/released production order and update all the fields with necessary information.
 - Machine No. - Machine where the production is planned.
 - Item Code - Code of the planned item
 - Item Name - Name of the planned product
 - SAP Planned Qty - Quantity planned for in SAP
 - SAP Open Qty - Open quantity in the production order after previous production
 - Posted Qty - Quantity posted to SAP so far
 - Customer name - Customer the product was planned for if any
 - Current total Qty - Cumulative quantity of batched added to the list so far.
 - Produced Qty - Quantity produced so far out of the Production Order
 - Balance Qty - Quantity of the product left to produce.
- Supervisor - Select supervisor from list by typing the first character of the name or if the supervisor does not exist, just type the full name.
- Warehouse - Select the warehouse of the production from the list
 - FG - Finished product ready for sales
 - WIP - Products still going for redress.
- Redress Material - Select Yes/No from the list. This option is provided in a situation where a redressed material is to be included in pallet and it does not form part of the actual production. This would ensure the material is separated from the actual production during posting
- Auto Quantity - Place the cursor here to read the weight from the weighing scale directly and press the enter button. This action would auto generate roll number for the product with the weight.
- Action Buttons - These buttons are used to print label and remove item from the list respectively.
 -  Print label
 -  Remove item



Print
Total: 1 sheet of paper
Print **Cancel**

Destination BIXOLON SLP-DX420
Change...

Pages ☒ All
☐ e.g. 1-5, 8, 11-13


Copies

+ More settings

ARISTOCRAT INDUSTRIES LTD.
PLOT NO. 7&8, BLOCK-X, OTA, INDUSTRIAL ESTATE
OGUN STATE, NIGERIA

SABRINA

Roll No	Weight
18905021123413	33.4 KGS
PACKED ON	Machine No
05/10/2018	02



- **Save Button** - By clicking this button the current record would be saved to the database after consenting to the pop-up asking if you really want to carry out the action.
- **View Packing List** - Clicking this button displays the packing list of the item added to the production document.

Print
Total: 1 sheet of paper
Print **Cancel**


Destination BIXOLON SLP-DX420
Change...

Pages ☒ All
☐ e.g. 1-5, 8, 11-13

Copies

+ More settings

ARISTOCRAT INDUSTRIES LTD.
PACKING LIST



Customer: Packing No. **1740525**

Date: 05/10/2018

SABRINA

BATCH NO.	UOM	UNIT	WEIGHT(KGS)
2	TOTAL	2	66.8
18905021123413	KGS	1	33.4
18905021123918	KGS	1	35

- **Approve button** - Click this button to approve the document. This button is used to approve the document after successfully committing the transaction to the database. The button is only available if you have the authorization to carry out this action.

PRODUCTION RECEIPT

View Packing List
New Record
Approve

Order Number:	Date:	Supervisor:	Warehouse:	Machine No.:	Posted:
14	2018-10-05	Ahmed Ojodu	FG	02	No

localhost:4200 says

Are you sure you want to approve this document?

OK
Cancel



- **Post to SAP** - Click this button to post document to SAP. You will be prompted to enter your SAP username and password. Supply this and the document will be posted to SAP. The button is only available if you have the necessary authorization.

Batch No.	Quantity	Redress	Action
18905021123413	33.40	No	
18905021123918	35.00	No	

SAP Credentials

Post

localhost:4200 says

Are you sure you want to post to SAP?

OK

Cancel

Success

✓ Production posted to SAP successfully!

PRODUCTION DETAILS

This page displays the details of existing production in the add-on and the actual document can be displayed/navigated to from here.

EXISTING PRODUCTION								
Show <input type="text" value="10"/> entries			Search: <input type="text"/>					
Order No	Packing No	Date	Customer Name	Item Name	Total Qty	Approved	Posted	Action
12	1234	30-08-2018	Acme Nigeria Limited	TEST FG 02	2.00	Yes	No	
12	8223828	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	No	No	
12	2372898	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	Yes	Yes	
12	9229334	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	No	No	
12	5806092	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	Yes	Yes	

- Click the button to view the document.



PRODUCTION SUMMARY

This page gives the snapshot of production by order number giving the summary of Planned Qty, Produced Qty, Balance Qty, and Posted Qty.

PRODUCTION SUMMARY					
<div>Refresh</div>					
Show <div>10</div> entries			Search: <input type="text"/>		
Order No.	Planned Qty	Produced Qty	Balance Qty	Posted Qty	
12	10.00	909.00	0	5.00	
13	500.00	1,041.00	0	275.00	
14	20,000.00	5,083.40	14,916.60	5,083.40	
15	500.00	204.00	296.00	204.00	
16	5,000.00	132.30	4,867.70	132.30	
Showing 1 to 5 of 5 entries			First	Previous	<div>1</div> NextLast



CREATE GOODS RECEIPT

GOODS RECEIPT

GOODS RECEIPT



Order Number:	Date:	Supervisor:	Machine No.:	Posted:	
<input type="text" value="e.g 20180101"/>	<input type="text" value="2018-10-05"/>	<input type="text" value="Supervisor's name"/>		No	
Item Code:	Item Name:				
Current Total Qty:					
0.00					
Search for an Item:	Warehouse:	Auto Quantity			
<input type="text"/>	<input type="text"/>	<input type="text"/>			
Item Code	Item Name	Warehouse	Batch No.	Quantity	Action

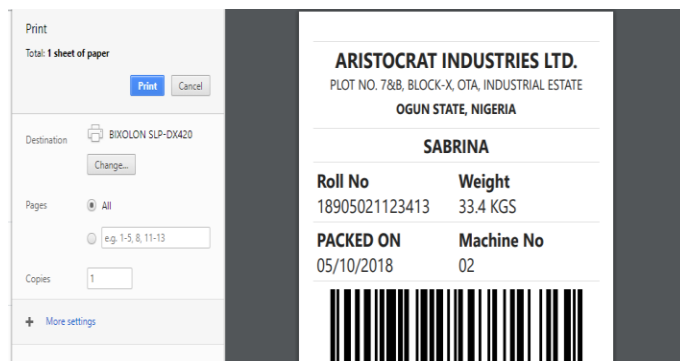
- Here you receive scrap and other goods generated from production by supplying the Production Order number in the provided field.

Order Number:	Date:	Supervisor:	Machine No.:	Posted:
<input type="text" value="14"/>	<input type="text" value="2018-10-05"/>	<input type="text" value="Ahmed Ojodu"/>	02	No
Item Code:	Item Name:			
FGPCMTBLWHT001	SABRINA			
Current Total Qty:				
0.00				
Search for an Item:	Warehouse:	Auto Quantity		
<input type="text" value="A"/>	<input type="text"/>	<input type="text"/>		
FGPCMTBLWHT001 - SABRINA	Warehouse	Batch No.	Quantity	Action
RMPCMTBL001 - Raw Material A				
RMPCMTBL002 - Raw Material B				

- After providing the Production Order number, the application would fetch the production order details from SAP based on the planned/released production order and update all the fields with necessary information.
 - Machine No. - Machine where the production is planned.
 - Item Code - Code of the planned item
 - Item Name - Name of the planned product
 - Current total Qty - Cumulative quantity of batched added to the list so far.
- Supervisor - Select supervisor from list by typing the first character of the name or if the supervisor does not exist, just type the full name.
- Warehouse - Select the warehouse of the production from the list
 - FG - Finished product ready for sales
 - WIP - Products still going for redress.



- Auto Quantity - Place the cursor here to read the weight from the weighing scale directly and press the enter button. This action would auto generate roll number for the product with the weight.
- Action Buttons - These buttons are used to print label and remove item from the list respectively.
 -  Print label
 -  Remove item

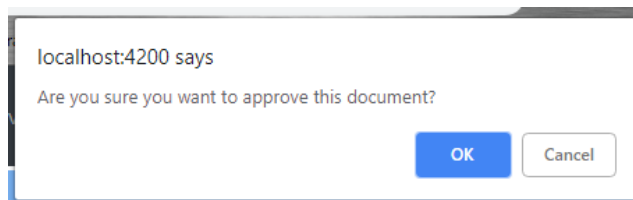


The image shows a print dialog on the left and a label on the right. The print dialog has fields for 'Print', 'Destination' (BIXOLON SLP-DX420), 'Pages' (All), and 'Copies' (1). The label is for 'ARISTOCRAT INDUSTRIES LTD.' and contains the following information:

ARISTOCRAT INDUSTRIES LTD.	
PLOT NO. 7&B, BLOCK-X, OTA, INDUSTRIAL ESTATE	
OGUN STATE, NIGERIA	
SABRINA	
Roll No	Weight
18905021123413	33.4 KGS
PACKED ON	Machine No
05/10/2018	02

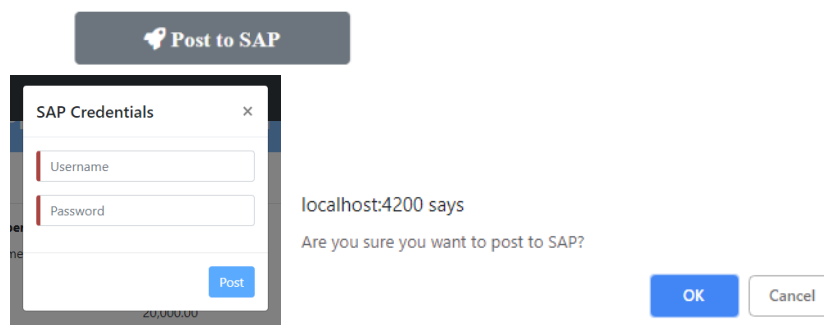
Below the table is a barcode.

- Save Button - By clicking this button the current record would be saved to the database after consenting to the pop-up asking if you really want to carry out the action.
- Approve button - Click this button to approve the document. This button is used to approve the document after successfully committing the transaction to the database. The button is only available if you have the authorization to carry out this action.



The image shows a confirmation dialog with the text: 'localhost:4200 says Are you sure you want to approve this document?'. There are 'OK' and 'Cancel' buttons.

- Post to SAP - Click this button to post document to SAP. You will be prompted to enter your SAP username and password. Supply this and the document will be posted to SAP. The button is only available if you have the necessary authorization.



The image shows a 'Post to SAP' button at the top. Below it is a 'SAP Credentials' dialog with fields for 'Username' and 'Password', and a 'Post' button. To the right of the dialog is a confirmation message: 'localhost:4200 says Are you sure you want to post to SAP?'. There are 'OK' and 'Cancel' buttons.



GOODS RECEIPT DETAILS

This page displays the details of existing goods receipt in the add-on and the actual document can be displayed/navigated to from here.

EXISTING GOODS RECEIPT

Refresh


Show 10 entries

Search:

Goods Receipt ID	Order No	Date	Approved	Approved By	Posted	Post Date	Action
1	14	03-10-2018	Yes	manager	Yes	03-10-2018	
2	14	03-10-2018	Yes	manager	Yes	03-10-2018	
3	14	03-10-2018	Yes	manager	Yes	03-10-2018	
4	14	03-10-2018	Yes	manager	Yes	03-10-2018	
5	14	05-10-2018	Yes	manager	Yes	05-10-2018	

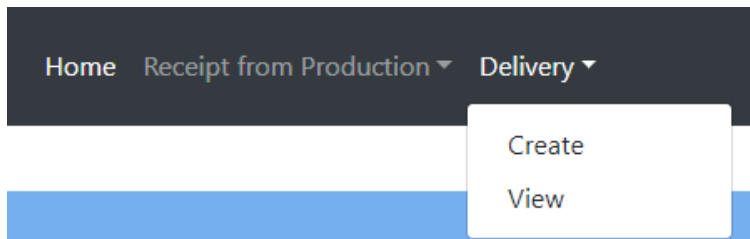
Showing 1 to 5 of 5 entries

FirstPrevious1NextLast

- Click the  button to view the document.



DELIVERY



CREATE DELIVERY

A/R DELIVERY

Order Number:

Date:

Posted:
No

Customer Name:

Item Code	Item Name	Quantity	Open Qty	Picked Qty	Action
-----------	-----------	----------	----------	------------	--------

- Here you'll create A/R Delivery based on existing Sales Order in SAP by supplying the Sales Order number in the provided field.

A/R DELIVERY

Order Number:

Date:



Posted:
No

Customer Name: Acme Nigeria Limited


Item Code	Item Name	Quantity	Open Qty	Picked Qty	Action
FGPCMTBLWHT001	SABRINA	2,000.00	131.00	0.00	
FGPCMTBLWHT001	SABRINA	500.00	450.00	0.00	

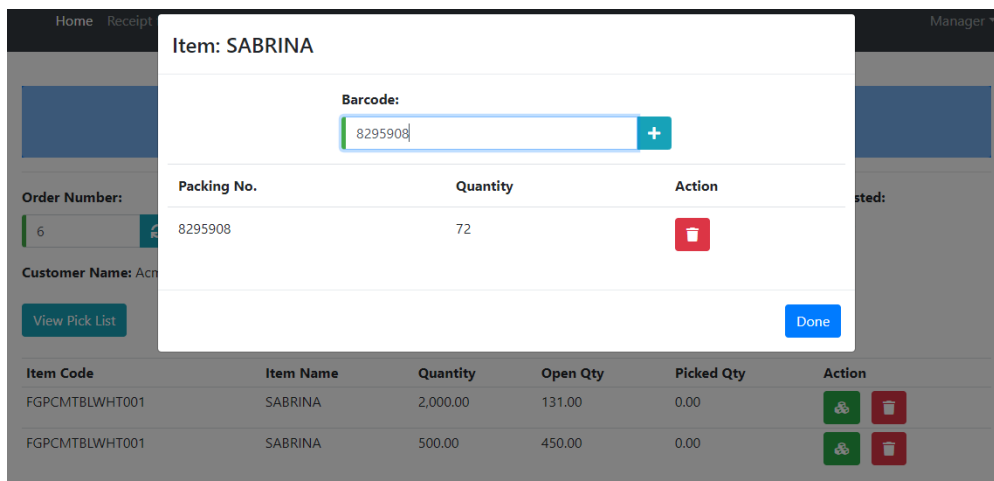
- After providing the Sales Order number, the application would fetch the Sales order details from SAP and update all the fields with necessary information.
 - Customer Name. - Name of the customer the supply is to be made
 - Item Code - Code of the items in the Sales Order
 - Item Name - Name of the items in the Sales Order
 - Quantity - Quantity ordered
 - Open Qty - Quantity not yet serviced.
 - Picked Qty - Quantity picked using barcode scanner.




- Action Buttons - Used to pick/remove items for the selected line items respectively
 -  - used to pick items
 -  - used to removed item from the list

SCANNING SALES ITEMS

Clicking  button brings up a modal to scan barcodes based on physical items. After the barcode is read, the add-on will automatically fetch the details of the scanned item from SAP and also validate if the item belongs to the product and quantity is available.



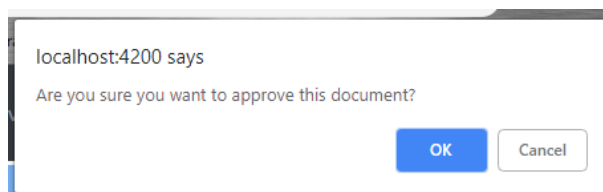
Packing No.	Quantity	Action
8295908	72	

- After scanning all items, click the done button and save.

Item Code	Item Name	Quantity	Open Qty	Picked Qty	Action
FGPCMTBLWHT001	SABRINA	500.00	450.00	33.00	 



- Save Button - By clicking this button the current record would be saved to the database after consenting to the pop-up asking if you really want to carry out the action.
- Approve button - Click this button to approve the document. This button is used to approve the document after successfully committing the transaction to the database. The button is only available if you have the authorization to carry out this action.



- Post to SAP - Click this button to post document to SAP. You will be prompted to enter your SAP username and password. Supply this and the



document will be posted to SAP. The button is only available if you have the necessary authorization.

Post to SAP

SAP Credentials

Username

Password

Post

localhost:4200 says

Are you sure you want to post to SAP?

OK

Cancel

EXISTING DELIVERY

This page displays the details of existing delivery in the add-on and the actual document can be displayed/navigated to from here.

EXISTING DELIVERY									
Refresh									
Show 10 entries		Search:							
Delivery ID	Order No	Date	Customer Name	Approved	Approved By	Posted	Post Date	Action	
2	2	24-09-2018	Acme Nigeria Limited	Yes	manager	Yes	25-09-2018		
1003	6	25-09-2018	Acme Nigeria Limited	Yes	manager	Yes	25-09-2018		
1004	6	25-09-2018	Acme Nigeria Limited	Yes	manager	Yes	25-09-2018		
1005	6	26-09-2018	Acme Nigeria Limited	Yes	manager	No			
2003	6	26-09-2018	Acme Nigeria Limited	Yes	manager	Yes	26-09-2018		

- Click the button to view the document.

