

Account | Billing | Stock | POS | Payroll



Point Of Sales (POS)

(Prepared By Edwin)



ISV/Software Solutions





Introduction

- Visual studio 2015 C#
- Run on Microsoft .Net Framework 4.6.1
- Use SQL Server 2008/2012/2014
- Windows 7SP1/8/8.1/10



System Recommendation



Component	Requirement
Operating System	Windows 10, Windows Server 2012, Windows Server 2012 R2 and above
.Net Framework	Microsoft .Net Framework 4.6.1 and above
Processor (CPU)	2 GHz, 4 Cores 4 Threads
RAM (Memory)	8GB and above
Database Server	Microsoft SQL Server 2012 or higher
Storage Space	Recommended 256 GB SSD
Networking	Cable connection of at least 100Mbps

➤ Server

Component	Requirement
Operating System	Windows 10, Windows Server 2012, Windows Server 2012 R2 and above
.Net Framework	Microsoft .Net Framework 4.6.1 and above
Processor (CPU)	1GHz, 2 Cores 2 Threads
RAM (Memory)	4GB and above
Database Server	Microsoft SQL Server 2012 R2 SP2 or higher
Storage Space	Recommended 128 GB SSD
Networking	Wifi: Stable connection at 56Mbps

➤ Client

POS 5



Retail



Type of Retail Store
1. Departmental Stall
- Electronic Appliances
- Apparels
- Cosmetics
- Footwear
- Sportswear
- Toys
- Books
2. Supermarket
3. Warehouse store
4. Malls
5. Etc

F&B



Type of Restaurant
1. Café
2. Fast Food
3. Bubble Tea
4. Bakery
5. Buffet
6. Hotel Restaurant
7. Ethnic
8. Kopitiam
9. Etc



POS Retail



BAKE HOUSE

Promoter

Debtor

Member

Available Points : 0
Point Earned : 0

Cash Sale :
T01-000206

Total 62.50

Last Change 0.00

↑

↓

Menu (F8)

No.	Item Code	Description	UOM	Qty	Unit Price	Discount Amount	Total	Promoter L...
1	101001	ALMOND POWDER	PKT	1.0000	11.90		11.90	
2	101002	BANANA POWDER	PKT	1.0000	11.90		11.90	
3	101003	CHOCOLATE POWDER	PKT	1.0000	10.90		10.90	
4	101004	VANILLA POWDER	PKT	1.0000	12.90		12.90	
5	101005	MOCHA POWDER	PKT	1.0000	14.90		14.90	

5.0000

62.50

Cash (F4)

Multi Payment (F6)

Credit Card (F5)

Credit Sales (F7)

Sub Total (ex) : 58.96

Promotion : 0.00

SST : 3.54

Net Total : 62.50

Clear Transaction
Ctrl + A

Find Bill
Ctrl + B

Hold Bill
Ctrl + C

Recall Bill
Ctrl + E

Reprint Last Receipt
Ctrl + F

Cash In/ Out
Ctrl + G

More Function
F11

Logout
F12

Cashier: ADMIN

Terminal: T01

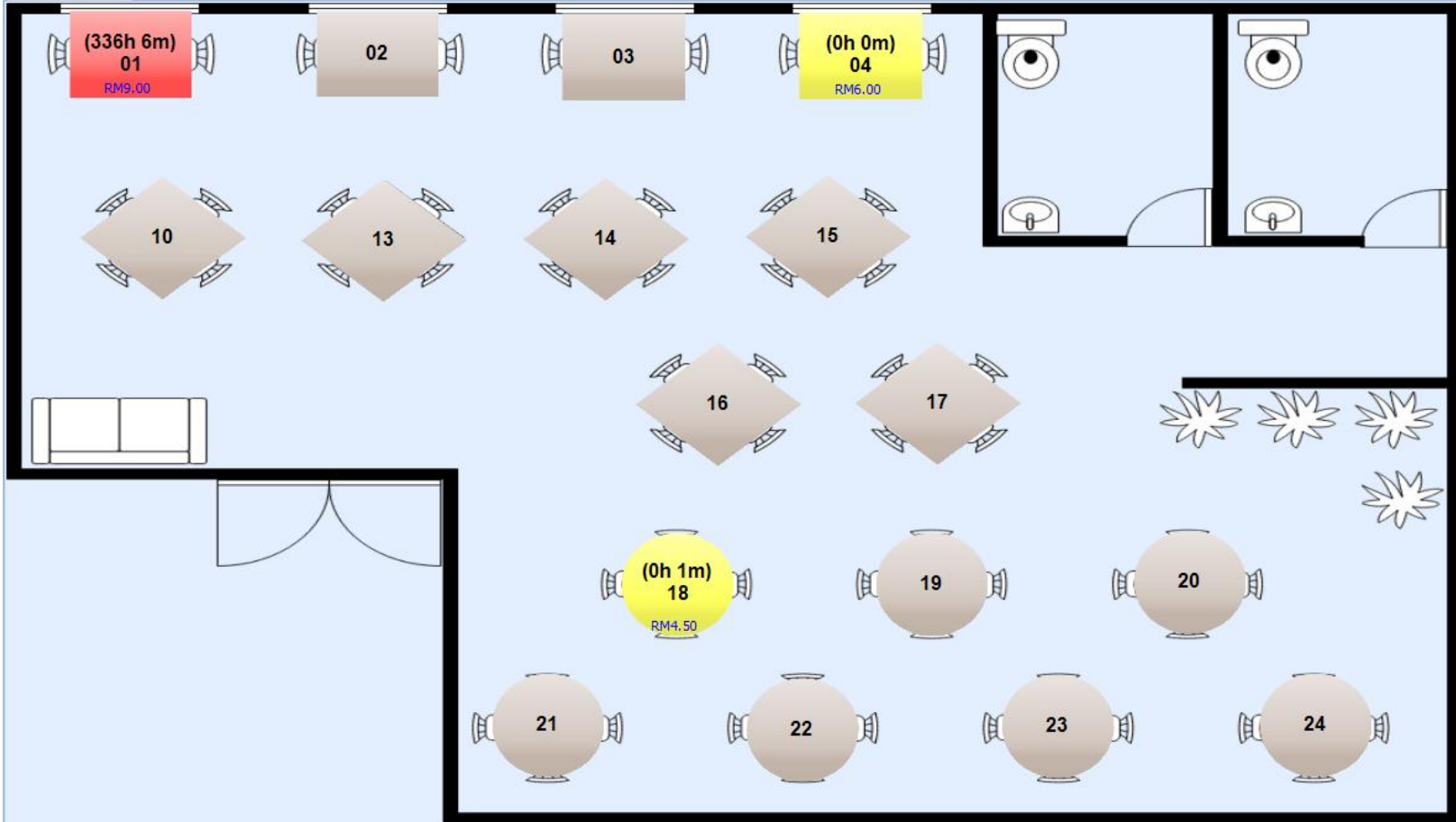
Outlet: HQ

21/2/2020 10:34:29 AM

POS F&B

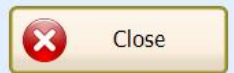


Section 1



Total : 4.50
Paid : 4.50
Change : 0.00

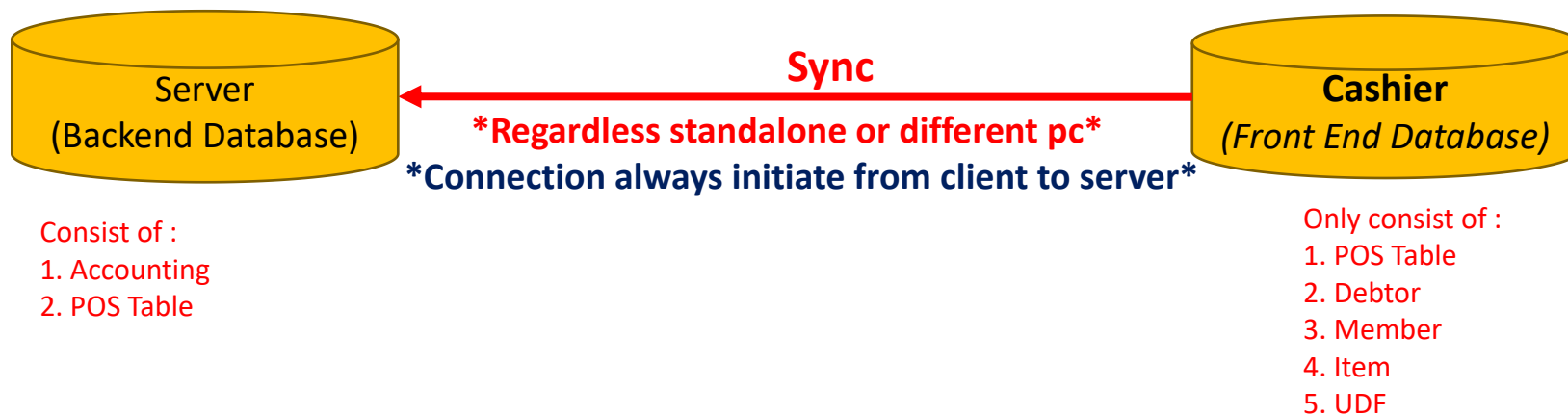
- View Order Listing
- Take Away
- Reprint Last Receipt
- Reservation
- Change Table
- Mark Served
- Share Table
- Join Table
- Clear Join Table



Empty Seated >= 5 min >= 15 min Served Bill Printed Reserved Share Table Join Table

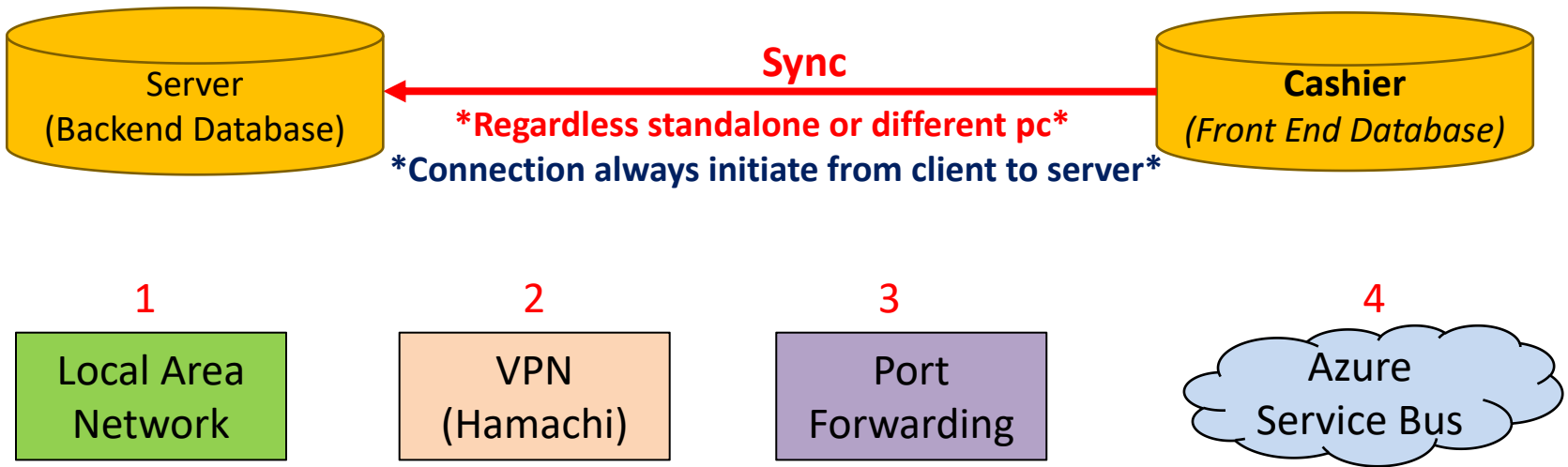


POS 5 Database & Sync Concept

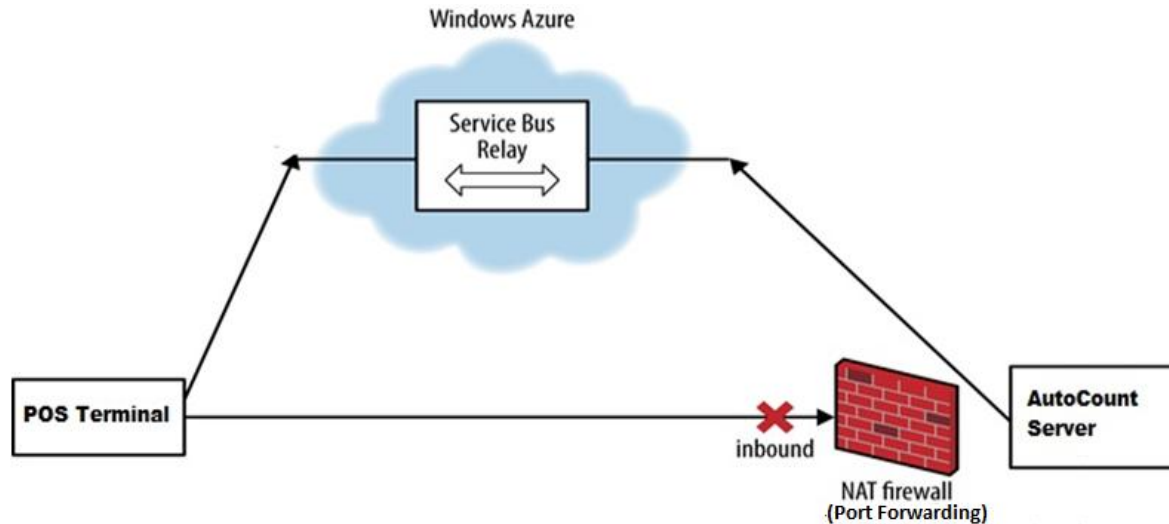
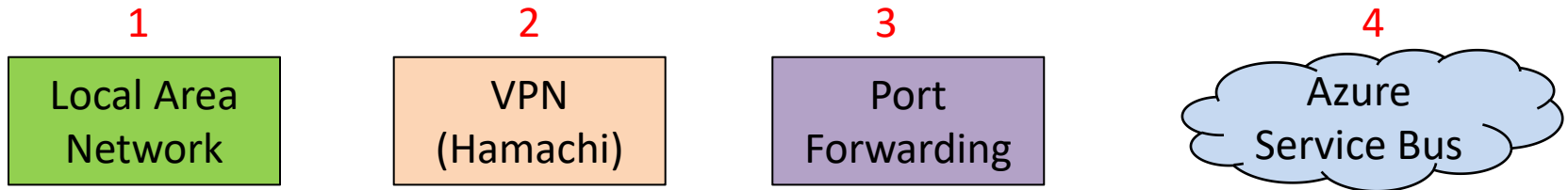
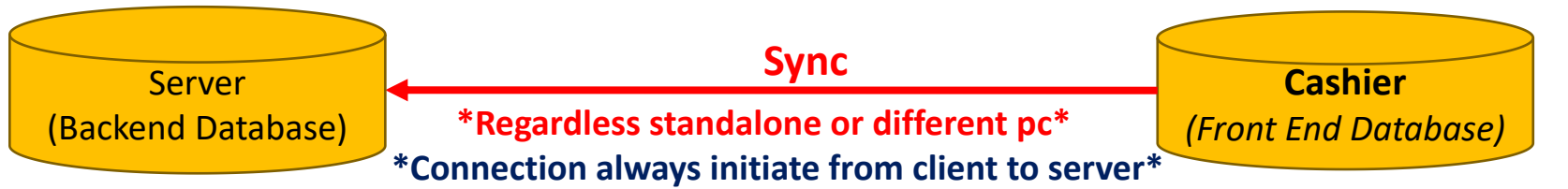




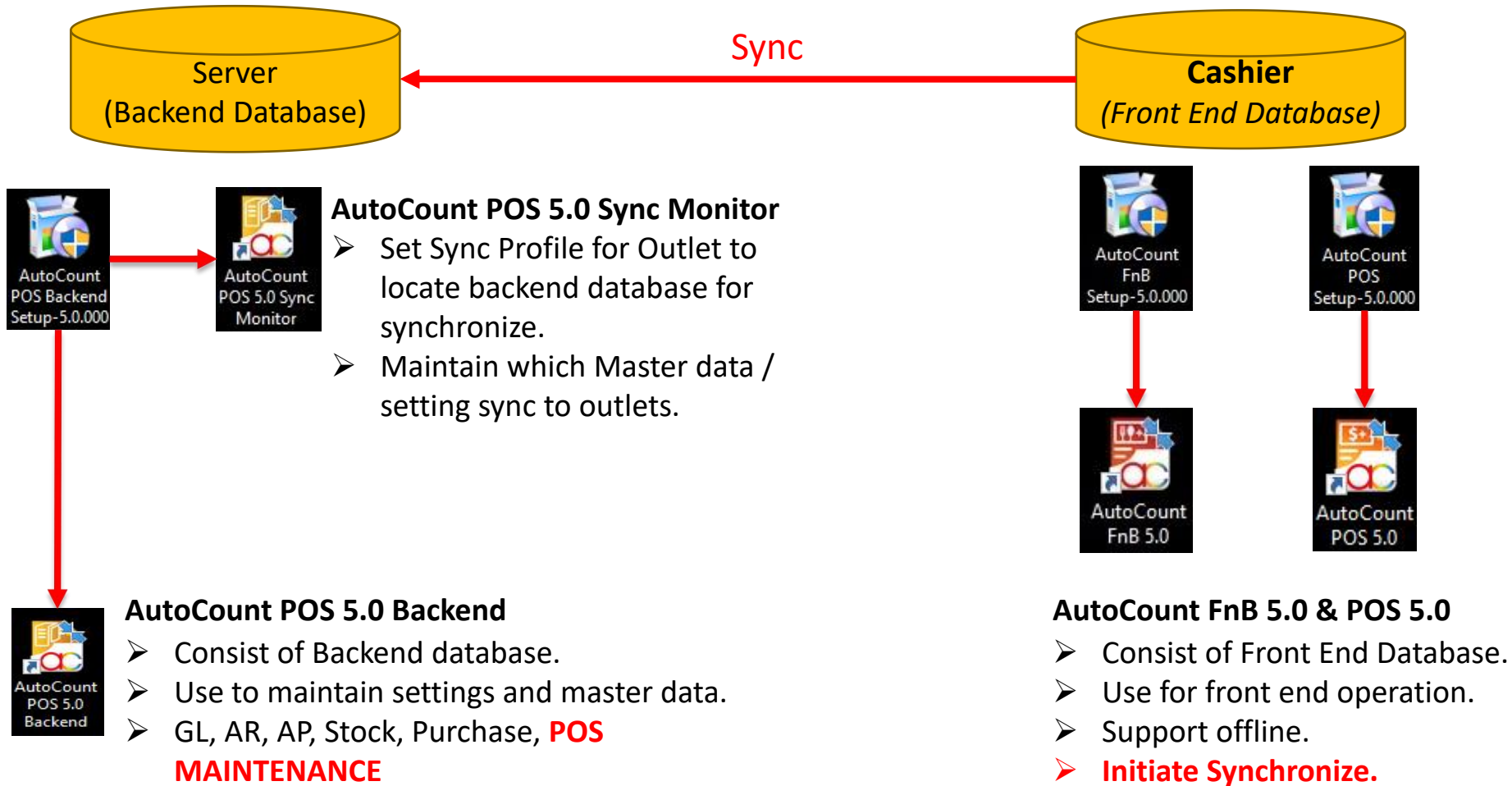
POS 5 Database & Sync Concept



POS 5 Database & Sync Concept



POS 5 Application Concept



A vibrant illustration of fast food items including french fries, a burger, a drink with a straw, and various vegetables like tomatoes and peppers. The items are arranged around a central white rectangular area.

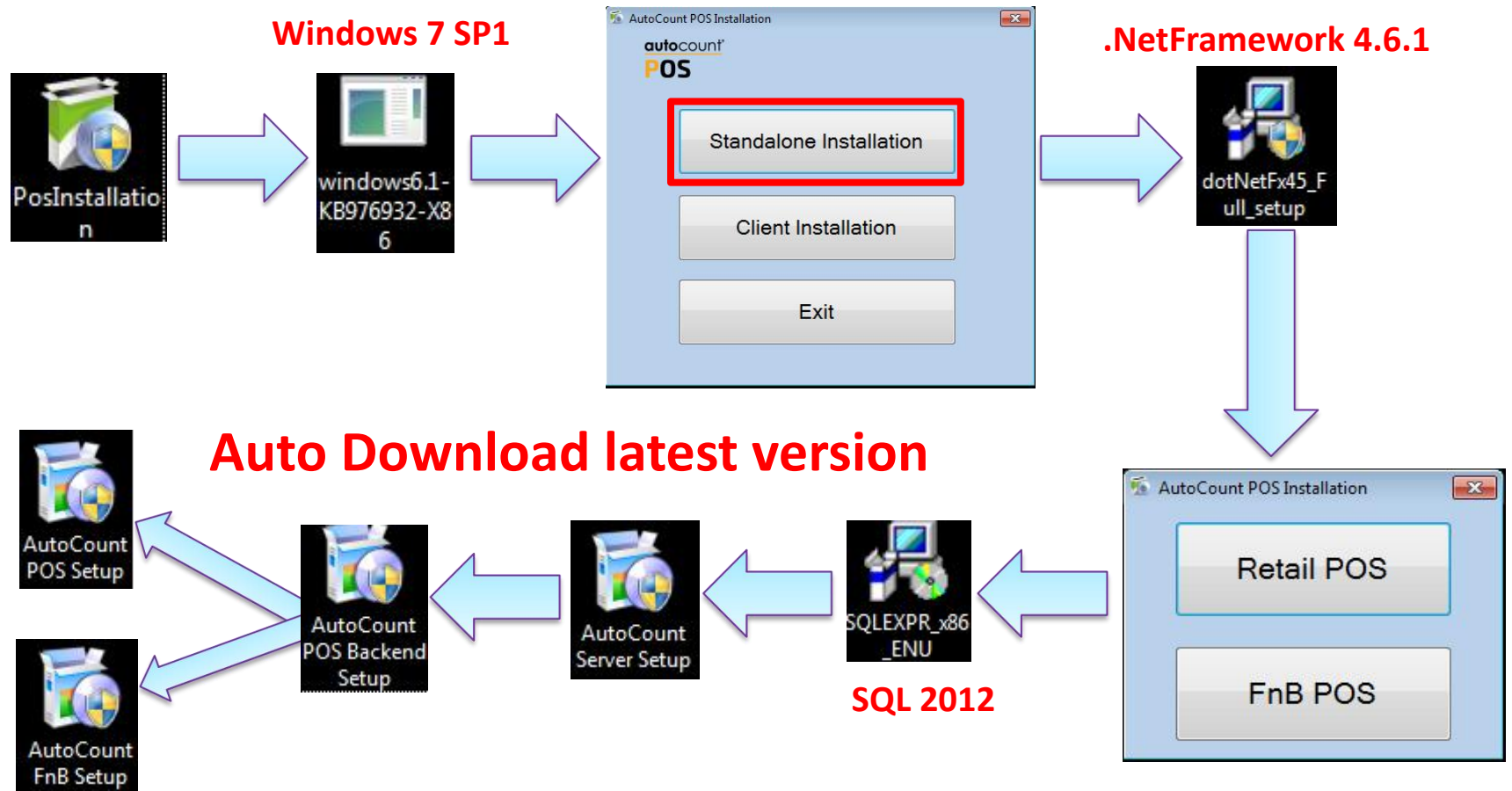
**AutoCount
F&B
Point Of Sales System
Installation**





POS Installation Program

- Easy setup with Auto download function
- Standalone Installation / Server Installation



POS Installation Server & Client Installation



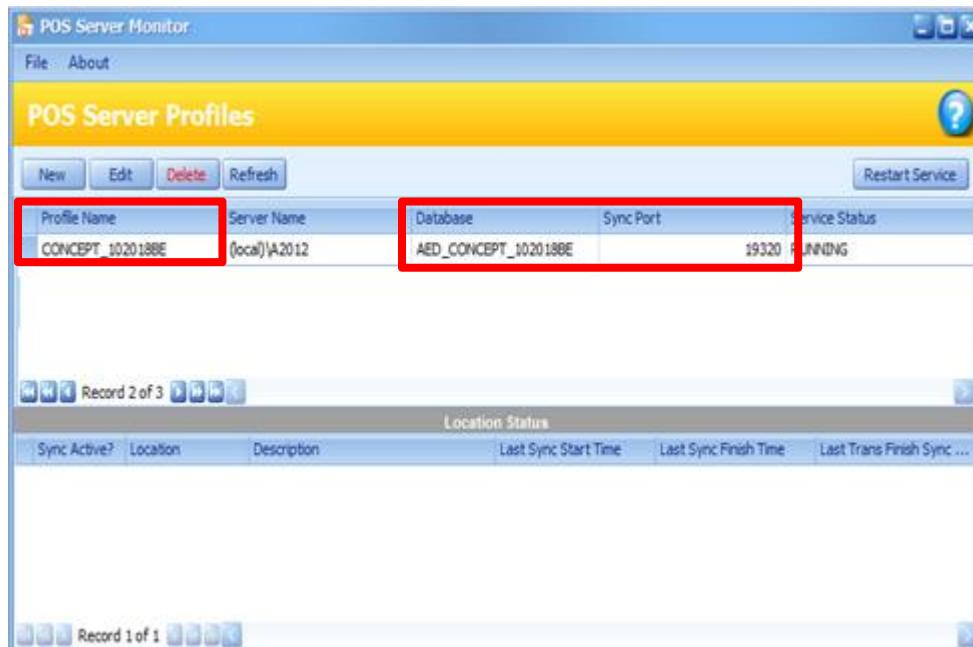
AutoCount POS 5.0 Backend

1. Create **Backend** Account Book.
2. Login
Auto Install POS Plugin



AutoCount Sync Monitor

Auto Create profile when login with
POS 5.0 Backend



POS Installation Server & Client Installation



AutoCount POS 5.0 Backend

1. Create **Backend** Account Book.
2. Login
Auto Install POS Plugin



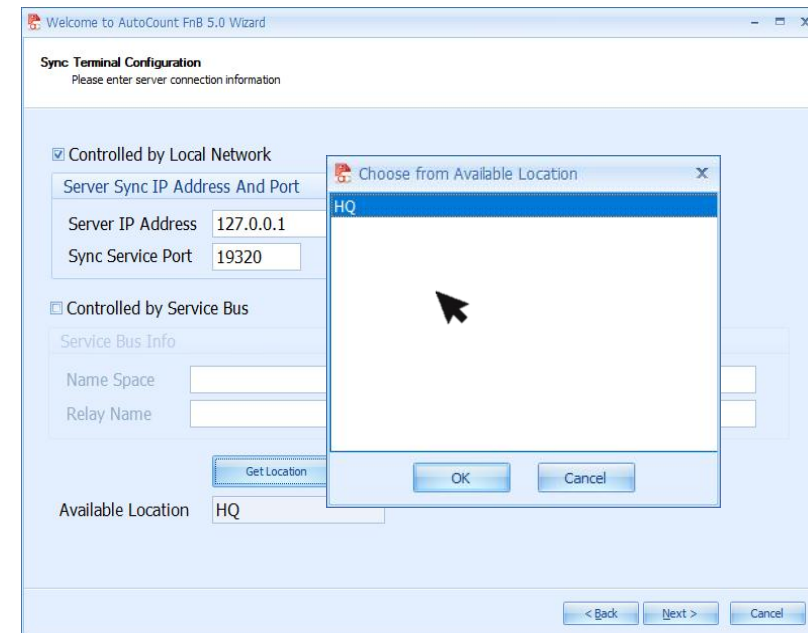
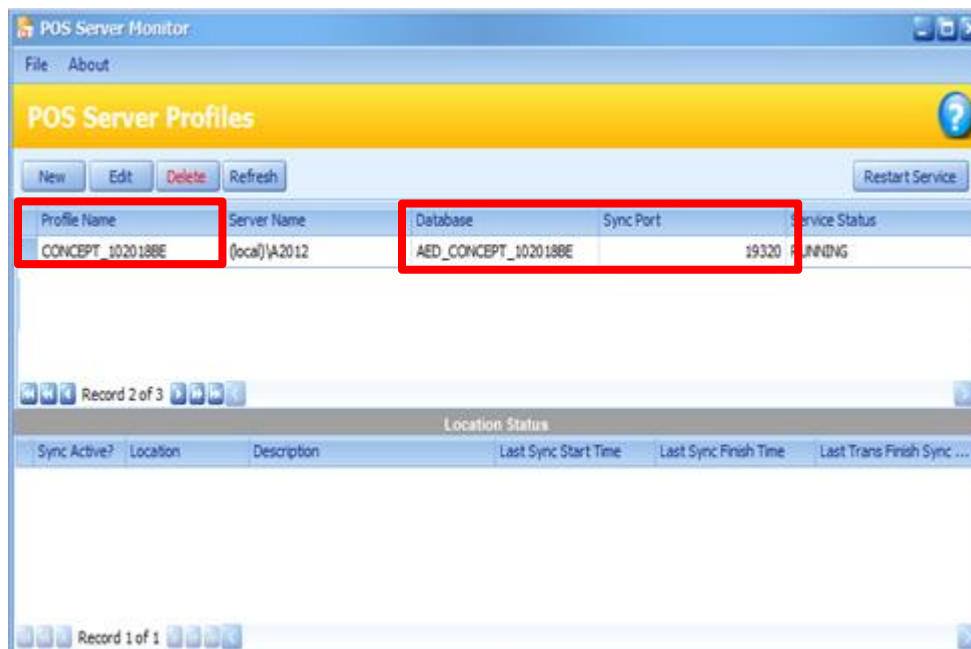
AutoCount Sync Monitor

Auto Create profile when login with POS 5.0 Backend



AutoCount F&B 5.0 / Retail 5.0

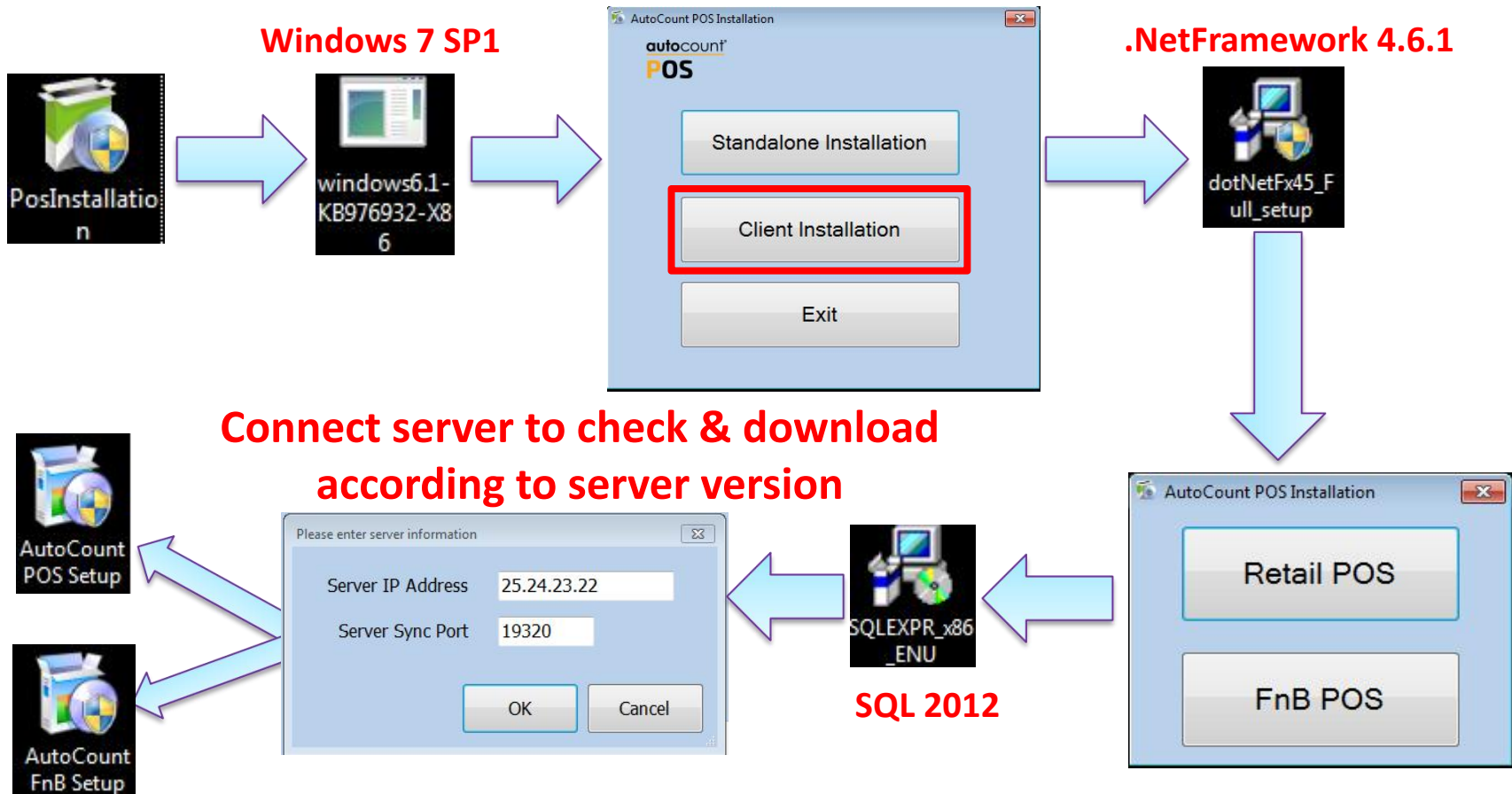
1. Create Frontend Account Book.
2. Set Server IP & sync port, select location and start sync.






POS Client Installation

- Easy setup with Auto download function
- Client Installation





**AutoCount
F&B
Backend
Settings**





Create Your Menu

- Can have multiple menu
- Divide by Categories
- MENU customization
 - Font Size, Bold, Colour
 - Button Colour
 - Image

Create Your Menu



POS TESTING BACKEND

Bill : KIV Promoter
Table Debtor
Pax Member
Pts Bal : 0 Pts Earn : 0

X1 X2 X3 X4 X5 X6 X7 X8 X9 Qty

Category 1 / 1

BEVERAGE CAKE FOOD

Food Menu 1 / 2

No.	Service Type	Description	Qty	Total	Delete
AutoCount F&B					
			0	0.00	
Last Change :		0.00	Sub Total (ex) :		0.00
Service Charge :		0.00	TAX :		0.00
Service Tax :		0.00	Final Total :		0.00
Rounding Adj. :		0.00			

CARROT JUICE GRAPE JUICE GUAVA JUICE KIWI JUICE
LEMON JUICE LYCHEE JUICE MANGO JUICE PAPAYA JUICE
PINEAPPLE JUICE TOMATO JUICE ORANGE JUICE 88 APPLE JUICE
WATERMELON JUICE STAR FRUIT JUICE DRAGON FRUIT JUICE CENDOL

Find Item Confirm Order Void Order Change Table Total Discount Print Bill Payment More Function Logout

Cashier: ADMIN Terminal: T01 Outlet: HQ 13/8/2019 11:06:25 AM

Modifier



➤ What is Modifier?

- To inform kitchen team of any specific requirements for the food the customer requested
- Also known as condiment

➤ Able to maintain surcharge



Kitchen Printing



- What is Kitchen Printing ?
 - ✓ After made order, Receipt printed out at kitchen / bar
- Other POS kitchen printing
 - ✓ Direct send to printer & print out
 - Unable to trace once printing failed
 - Unable auto print after kitchen printer issue fixed
- Our kitchen printing
 - ✓ Print server
 - ✓ After confirm order / payment send to queue for printing
 - ✓ Able to monitor which printing failed
 - ✓ Auto resend to kitchen printer for printing after printer issue fixed



Kitchen Receipt format

Item Printer Set Maintenance

Printer Set ID: Is Active?

Description: Each Record Per Receipt

Separate Qty

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	100 PLUS	100 PLUS	1
DI	7 UP	7 UP	2
DI	COKE	COKE	1

Item Printer Set Maintenance

Printer Set ID: Is Active?

Description: Each Record Per Receipt

Separate Qty

Each Record Per Receipt

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	100 PLUS	100 PLUS	1
TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	7 UP	7 UP	2

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	COKE	COKE	1

Item Printer Set Maintenance

Printer Set ID: Is Active?

Description: Each Record Per Receipt

Separate Qty

Separate Qty

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	100 PLUS	100 PLUS	1
DI	7 UP	7 UP	1
DI	7 UP	7 UP	1
DI	COKE	COKE	1

Item Printer Set Maintenance

Printer Set ID: Is Active?

Description: Each Record Per Receipt

Separate Qty

Each Record Per Receipt + Separate Qty

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	100 PLUS	100 PLUS	1
TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	7 UP	7 UP	1

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	7 UP	7 UP	1

TABLE: 02			
Pax: 8			
Last Edit Date Time: 30/10/2017 12:03			
DI	COKE	COKE	1

Table Service

- Suitable arrangements
 - ✓ Western
 - ✓ Chinese
- Involves table
- Can apply
- Proper



ber

ble, change

Quick Service



- Suitable for bubble tea, kiosk stall, fast food
- Almost same as retail with queue order numbering
- Also known as takeaway



Table Function



- Change Table
- Mark Serve
- Share Table
- Join Table
- Split Bill
- Combine Bill
- Take Away
- Reservation



Set Meal



- What is set meal ?
- Set Meal for 1

1 Choose Your Set

CN1 only
OLDTOWN
Chicken Fortune Bowl
CN3. A la carte: RM 11.80

OR

CN2 only
OLDTOWN
Fish Happiness Bowl
CN4. A la carte: RM 11.80

2 Your Beverage

CN5 only
Citrus Nata Fizz
CN5. A la carte: RM 3.80

= RM14.80 only

- Set Meal for 2

set meal for 2
RM 49.90++



starter
deep fried wonton

main course
2x choice of

chicken parmigiana / stewed aussie beef steak / mozzarella baked fish

beverage
iced lemon tea x2

dessert
chocolate lava with ice-cream

POS User Maintenance



- Create new user/cashier
- Assign User Group
- Assign User Outlet
- Manage Finger Print



POS User Group Maintenance

- Manage access right
- Set discount limit

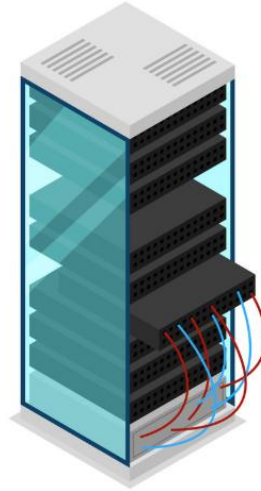


Terminal Maintenance

- Create new terminal/outlet
- POS option
- Default Initial Cash
- Stock check filter



T4



T1



T3



T2

Close Counter Notification



➤ Notify by email after your terminal perform close counter

Pos FrontEnd Options

Copy Option

Option ID : Option1

Description : Is Default?

Appearance | Document Control | Document Control 2 | Document Control 3 | Receipt (Character Based) | Settings

Enable Scale Barcode

Price Flag Digit : 21

Start End Decimal

Item Code : 3 7

Price : 8 12 2

Directly update unit price

Qty Flag Digit : 99

Start End Decimal

Item Code : 3 7

Quantity : 8 12 0

Verify barcode

Enable Cash Drawer Notification

Notify Amount : 500.00

Notify Email : cylim_0514@hotmail.com

Email Suppress Time : 5 minutes

Use Own SMTP Server

SMTP Server : smtp.gmail.com

Port : 587

Required Authentication

Enable SSL

User Name :

Password :

From Email Address :

Send test email

OK Cancel

Edit Terminal

Terminal ID : TPJ Testing Active

Description : TPJ1

Initial Cash : 0.00

Outlet : PJ

Option ID : Option1

Settings | Logo | Filter By | Others

Location to check Stock Level :

Keywords : Search

Check All Uncheck All

Tick	Location
<input type="checkbox"/>	HQ
<input checked="" type="checkbox"/>	PJ
<input type="checkbox"/>	FNB
<input type="checkbox"/>	KI

For Posting

Receipt Document Numbering Format : RV Default

Payment Document Numbering Format : PV Default

Journal Document Numbering Format : JV Default

Account Group :

Enable Close Counter Notification

Notify Email : cylim@autocountsoft.com;cylim_0514@hotmail.com

OK Cancel

➤ To setup SMTP Server
POS → Maintenance → Pos Option Maintenance → Settings

Filter by terminal



➤ POS 5.0 Retail & F&B

- ✓ POS Menu
- ✓ Credit Card
- ✓ E-wallet
- ✓ Custom Payment

➤ What is the purpose ?

- Different branch different requirement

➤ Set @Backend → Terminal Maintenance

The screenshot shows the 'Edit Terminal' window with the following details:

- Terminal ID : T01
- Description : T01
- Initial Cash : 300.00
- Outlet : HQ
- Option ID : Option1
- Testing :
- Active :
- Project No. : [Empty]

The 'Filter By' tab is selected, showing four filter categories:

- Filter By Pos Menu: Includes a 'Maintain Pos Menu' button and a list with 'F&B' selected.
- Filter By Credit Card: Includes a 'Maintain Credit Card' button and a list with 'MASTER' selected.
- Filter By E-Wallet: Includes a 'Maintain E-Wallet' button and a list with 'mbb', 'ali', 'wemy', and 'wecn'.
- Filter By Custom Payment: Includes a 'Maintain Custom Payment' button and a list with 'Fave' selected.

Payment Method



- Credit Card
- Debit Card
- Voucher
- Custom Payment
- E-Wallet



POS Option



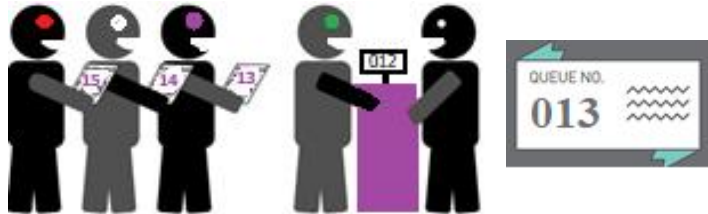
- General Settings
- Retails and F&B
- Receipt Settings



Ordering Number Format (Queue Format)



➤ What is Ordering Number ?



Order Numbering Format

Format :

Sample : X001 (X = Random Number)

- ✓ Support 3 & 4 digit
- ✓ X stand for Random Number
- ✓ 0 – 9 = Fixed Number

Example 3 digit:

001
X01
XX8
XXX
777

Example 4 digit:

0001
X001
X0X9
XXXX
0759

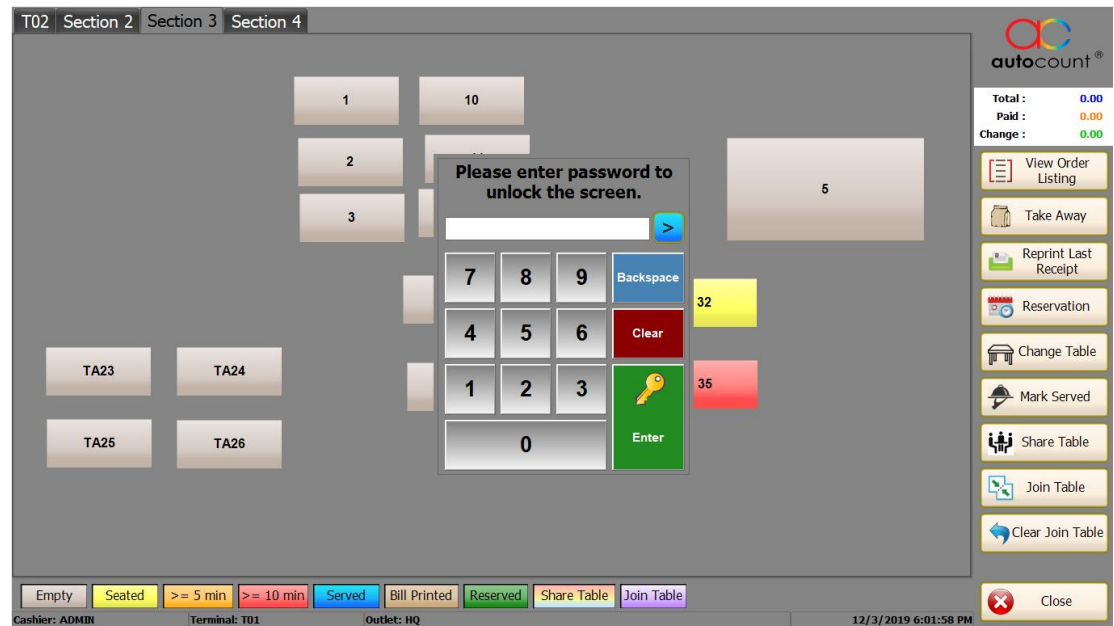
❑ Set @ Frontend Configuration Setting → General →
Order Numbering Format

“Auto Logout After Bill”

❑ Set @ Backend POS Option → Document Control 2 → F&B → **Auto Logout After Bill”**



1. “Show Table” & “ Auto Logout After Bill”
 - **Return Table screen with “Lock Screen” after “Confirm Bill “**

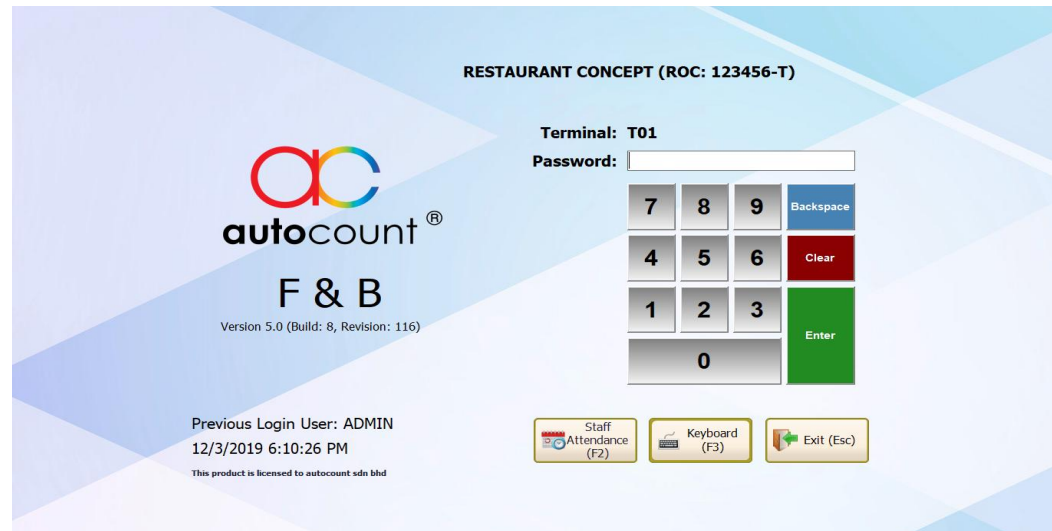


“Auto Logout After Bill”

❑ Set @ Backend POS Option → Document Control 2 → F&B → **Auto Logout After Bill”**



1. “Show Table” & “ Auto Logout After Bill”
 - **Return Table screen with “Lock Screen” after “Confirm Bill “.**
2. “Show Table” & “Auto Logout After Bill”
 - **Return “Main Screen” after “Confirm Bill”.**





Out of Stock

- What is Out of Stock ?
 - ✓ Item sold out.

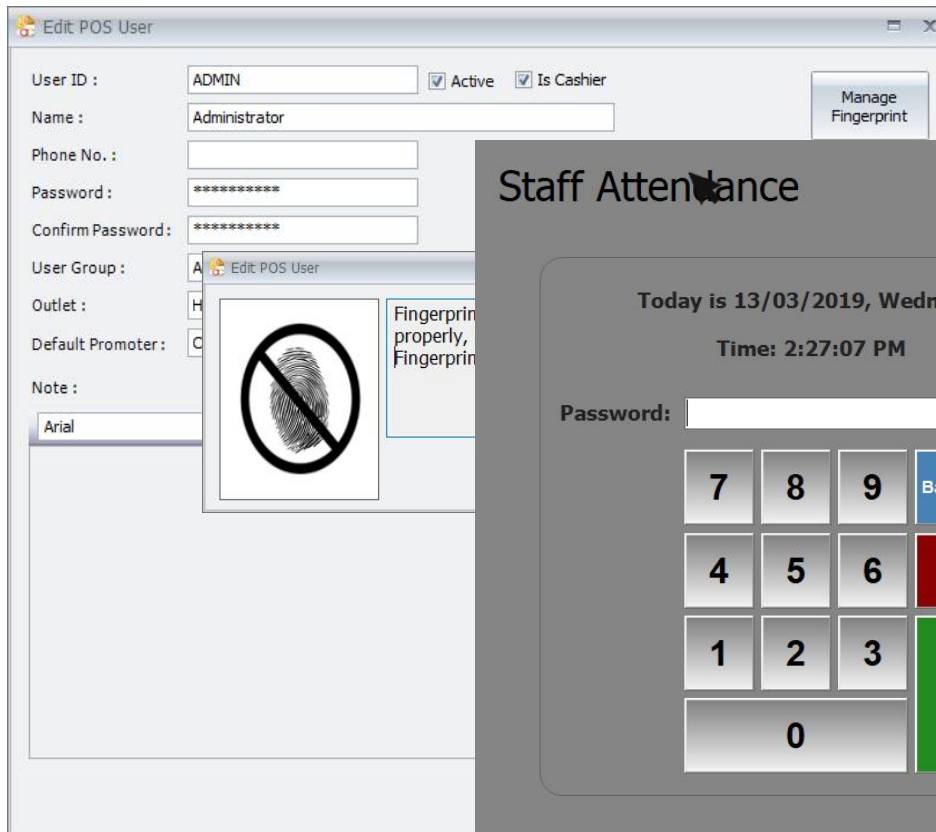
- What is the purpose ?
 - ✓ Avoid waiter order out of stock item

- How to set out of stock ?
 - ✓ Frontend (for the particular store only)
 - Set @ More function → Settings → Out of Stock
 - ✓ Set at Backend (sync to outlet)
 - Set @ Point of Sales → Maintenance → Out of Stock Maintenance

Staff Attendance by Thumb Print

❑ Setup @ Backend POS User Maintenance -> Manage Finger Print

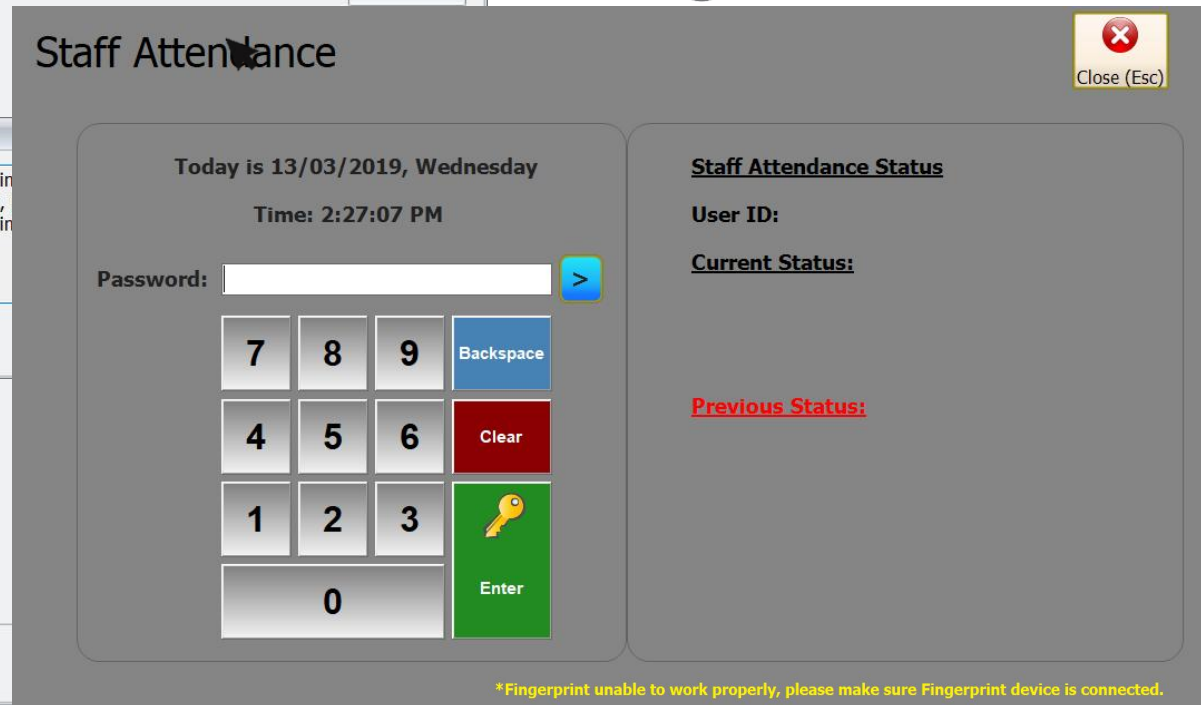
✓ Model : Mdot MA20R



The screenshot shows a web application window titled "Edit POS User". It contains several input fields and checkboxes:

- User ID: ADMIN
- Active:
- Is Cashier:
- Name: Administrator
- Phone No.: [empty]
- Password: [masked with asterisks]
- Confirm Password: [masked with asterisks]
- User Group: A [dropdown menu]
- Outlet: H [dropdown menu]
- Default Promoter: C [dropdown menu]
- Note: [text area]

A "Manage Fingerprint" button is located on the right side of the form. Below the form, there is a small window showing a fingerprint icon with a red 'X' over it, indicating a failed scan.



The screenshot shows a "Staff Attendance" modal window. It displays the current date and time, a password input field, and a numeric keypad with function buttons.

Today is 13/03/2019, Wednesday
Time: 2:27:07 PM

Password: [input field] >

7	8	9	Backspace
4	5	6	Clear
1	2	3	Enter (Key)
0			Enter

Staff Attendance Status

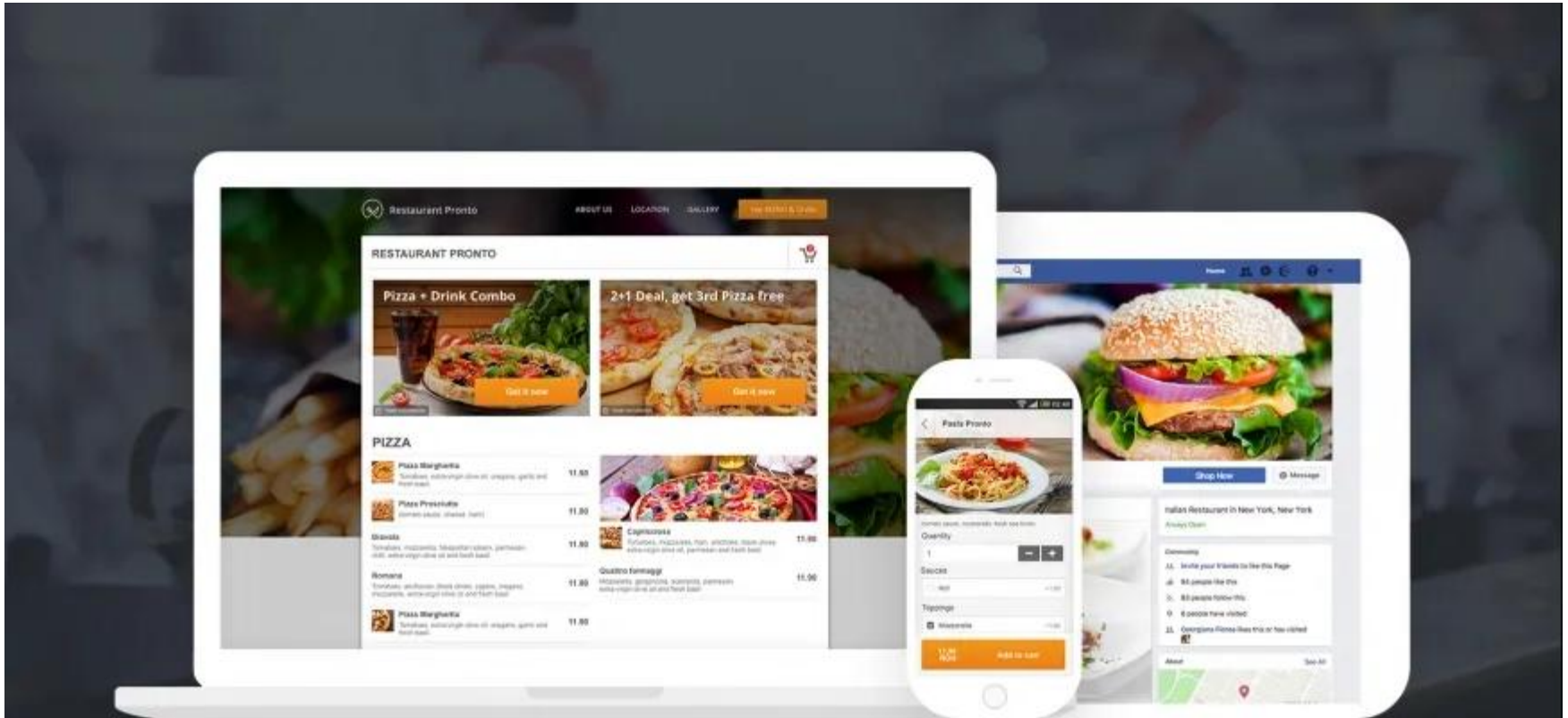
User ID:

Current Status:

Previous Status:

*Fingerprint unable to work properly, please make sure Fingerprint device is connected.

Ordering Apps



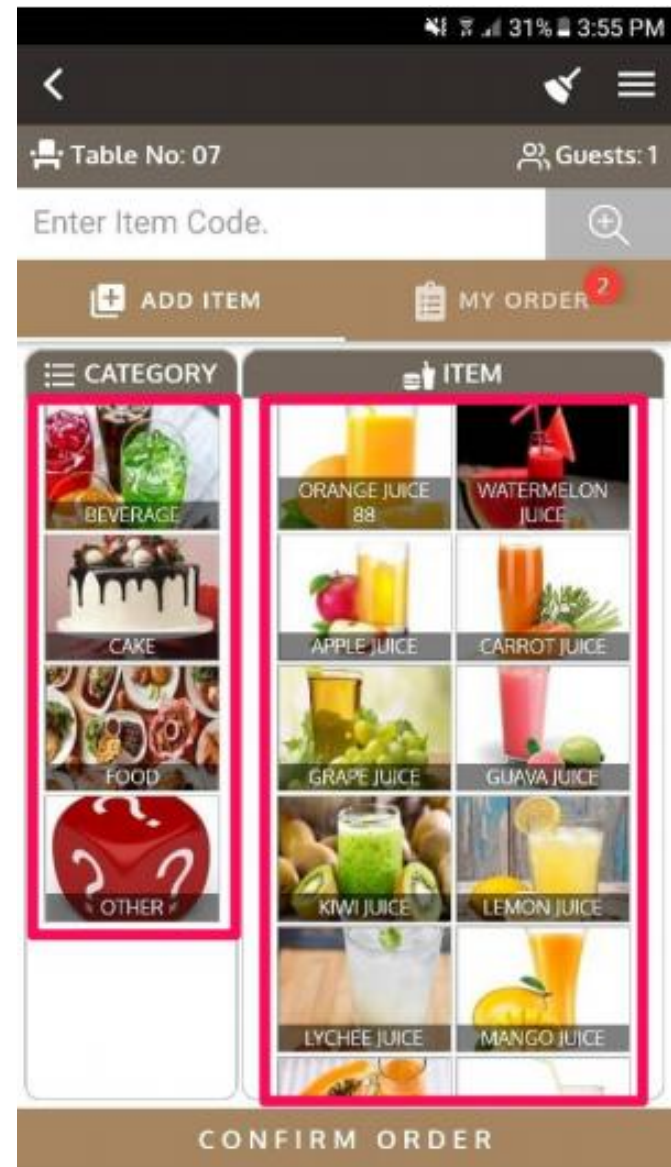
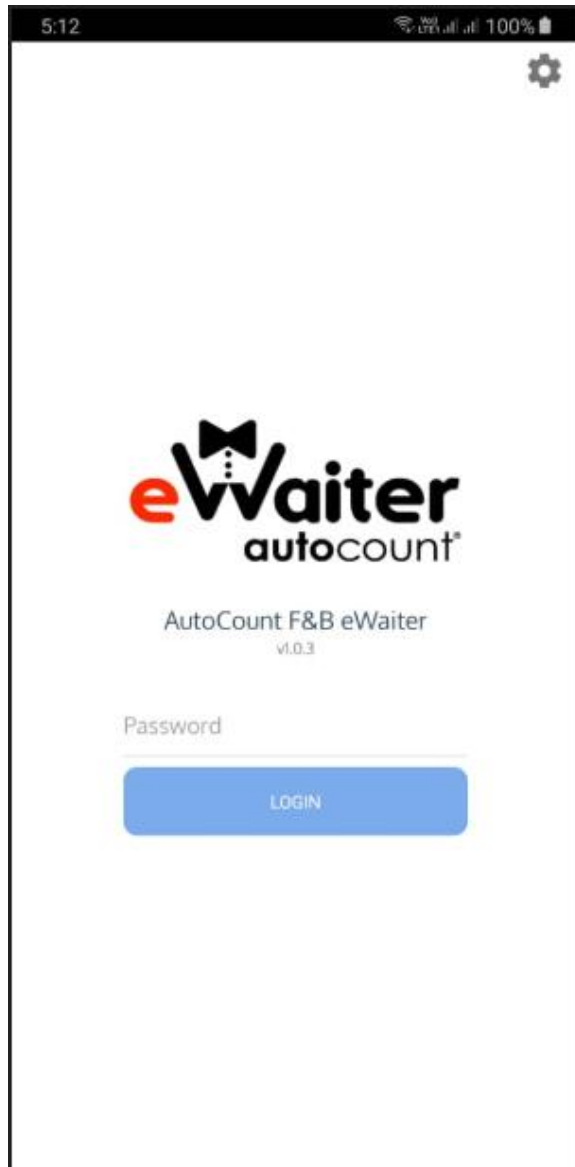


AC Food & Beverage

v1.0.1

Password

LOGIN



Order Session



- What is Order Session ?
 - ✓ Record user access to which table / bill
- Why do we need order session ?
 - ✓ Avoid multiple user access to same table / bill
- When need to reset ?
 - ✓ Connection lost / Improper shut down
- Why need to reset ?
 - ✓ Able to access to the bill to make order / payment.

Order Session



➤ Reset Order Session function



Reset Order Session						
Table No.	Document No.	User	Computer Name	Last Modified	Is PC	
> 40		ADMIN	LTN-005	15-03-2019 14:32	<input checked="" type="checkbox"/>	
09		ADMIN	dea45cfe73e6d8a4	15-03-2019 14:34	<input type="checkbox"/>	

❑ Function @ More function → Setting → Reset Order Session

Ingredient

- To calculate raw material stock that have been use to produce finished good
- Also known as BOM but does not required assembly



Tips



- An extra earning given by generous customer.





RETAIL
Advance Module



Syntax Formula



Here, you can enter Item Code, Item's Barcode, Item Package's Barcode, Serial Number, Open Item and formula to Change Quantity, Change Unit Price, Row Discount and Total Discount.

Syntax Formula:

- "*" Change Quantity
- "+" Change Unit Price
- "-" Discount by Amount
- "/" Discount by Percent
- "--" Total Discount by Amount
- "//" Total Discount by Percent
- "=" Net Price by Row Discount
- "==" Net Price by Total Discount
- "++" Markup Unit Price
- "..." Open Item (For Cash Sale Only)

- More efficiency in data entry when user is familiar with system

Multi Pricing

- 6 Multi Price
- Price Plan



Member



- A system which maintain rapport with customer.
- Bonus point:
Collect point from purchase for redemption.
- Member price:
Special price only available for member.



Promotion



- Reduce item price.
- Widely used by retails.
- Mostly run on certain period or specific period.



Discount Maintenance



- Staff Purchase/Meal
- Special Discount



Promoter



- A system to reward own staff with commission.
- Calculate commission base on
 - Individual Item
 - Item Type
 - Item Group



Sales Order / Deposit



- Able to accept deposit for purchase
- Deliver goods without full payment
- For non-debtor control





Auto Prompt

- To ensure user to key in manually
- What can be auto prompted
 - Price
 - Remark
 - UDF
 - Qty
 - UOM

Voucher



- A paper representing a particular amount of money
- Voucher type
 - Controlled voucher
 - Non-control voucher

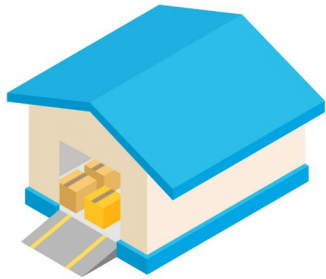


Remote HQ



- Outlet / Frontend able to access Backend
- What it is for?
 - Create new stock item
 - Purchase request
 - Stock transfer

Goods In Transit



Warehouse/HQ



Goods in Transit



Outlet

➤ What is GIT?

- ✓ Stocks pending on deliveries from WH/HQ to Outlet

➤ What is the purpose?

- ✓ To make sure outlet properly receive the goods
- ✓ To control outlet not able to sell goods that haven't receive
- ✓ Branches able to transfer stock to another branches



AR Credit Sales / Payment

- Support credit sales for debtor
- Support payment for invoices
 - Payment from backend (AR Receive Payment)
 - Payment from frontend (AR Payment)
- Must have POS Account module

Weighing Scale



➤ Integrated with 2 weighing scale machine

1. Model : Rongta RLS1000

✓ Barcode Label Scale

✓ Update price

- Export from POS FE & Import to weighing scale

- ❑ Set @ Configuration Setting → Miscellaneous → Export To Weighing Scale

Maintain barcode in backend item maintenance

✓ Install weighing scale software (LAN Cable)



WT (kg)	Price(/kg)	KACANG
0.50	10.00	
		Total Price(\$)
210025700500		5.00

Weighing Scale



➤ Integrated with 2 weighing scale machine

2. Model : CAS PDC-30S

- ✓ Digital
- ✓ Direct update Qty in POS
- ✓ Plug & Play (COM Port)



➤ For more info please refer here

<https://wiki.autocountsoft.com/wiki/Pos: How to Enable Scale Barcode in POS System>

Serial No (POS5)



- Serial No:
An unique ID to specified stock individually



Batch No



- Batch No:
To identify the production time/date of the stock



Extra Info



➤ For more info please visit AutoCount Wiki

https://wiki.autocountsoft.com/wiki/Main_Page

- I. FAQ
- II. Release Note
- III. Hardware compatibility lists

THANK YOU