Account | Billing | Stock | POS | Payroll

Point Of Sales (POS)

(Prepared By Edwin)

autocount

Microsoft GOLD CERTIFIED Partner

ISV/Software Solutions

MSC MALAYSIA Status Company

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

AutoCount POS 5.0

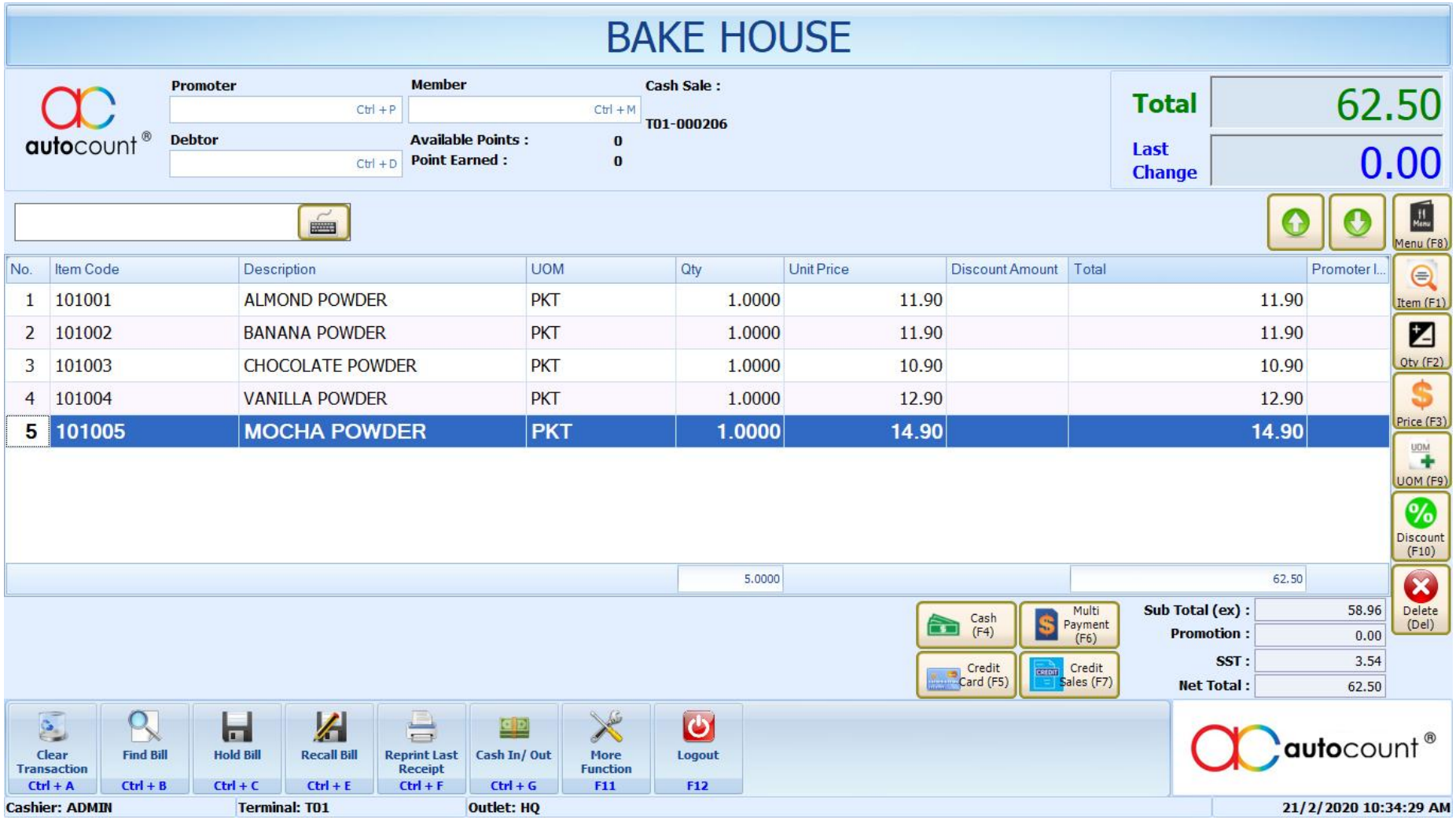
Type of Retail Store
1. Departmental Stall
- Electronic Appliances
- Apparels
- Cosmetics
- Footwear
- Sportswear
- Toys
- Books
2. Supermarket
3. Warehouse store
4. Malls
5. Etc

F&B

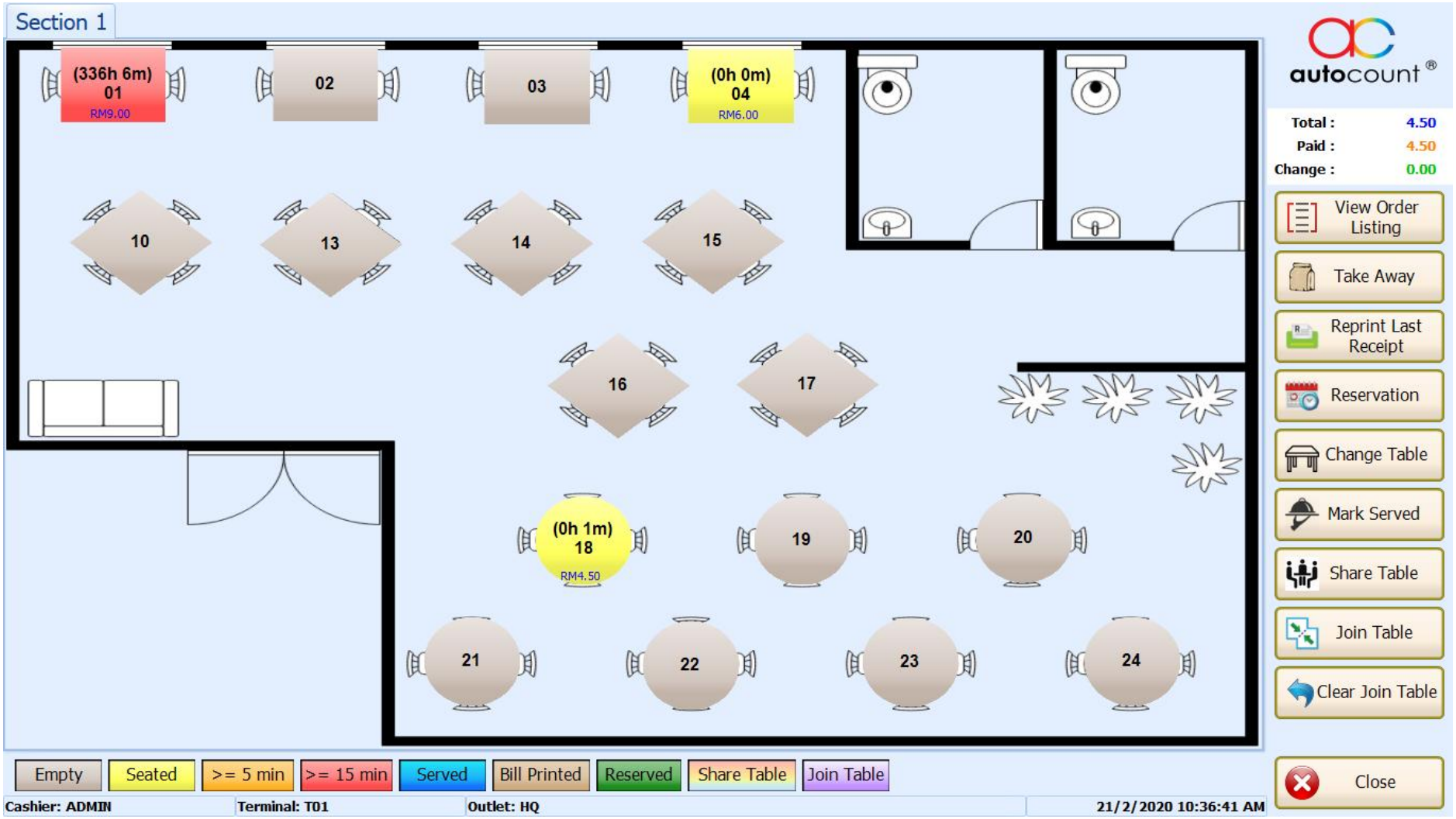
AutoCount FnB 5.0

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
autocount
Promoter
Ctrl + P
Member
Ctrl + M
Cash Sale :
T01-000206
Debtor
Ctrl + D
Available Points : 0
Point Earned : 0
Total 62.50
Last Change 0.00
Menu (F8)
No. Item Code Description UOM Qty Unit Price Discount Amount Total Promoter I...
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
Item (F1)
Qty (F2)
Price (F3)
UOM (F9)
Discount (F10)
Delete (Del)
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
autocount
Cashier: ADMIN
Terminal: T01
Outlet: HQ
21/2/2020 10:34:29 AM

POS F&B

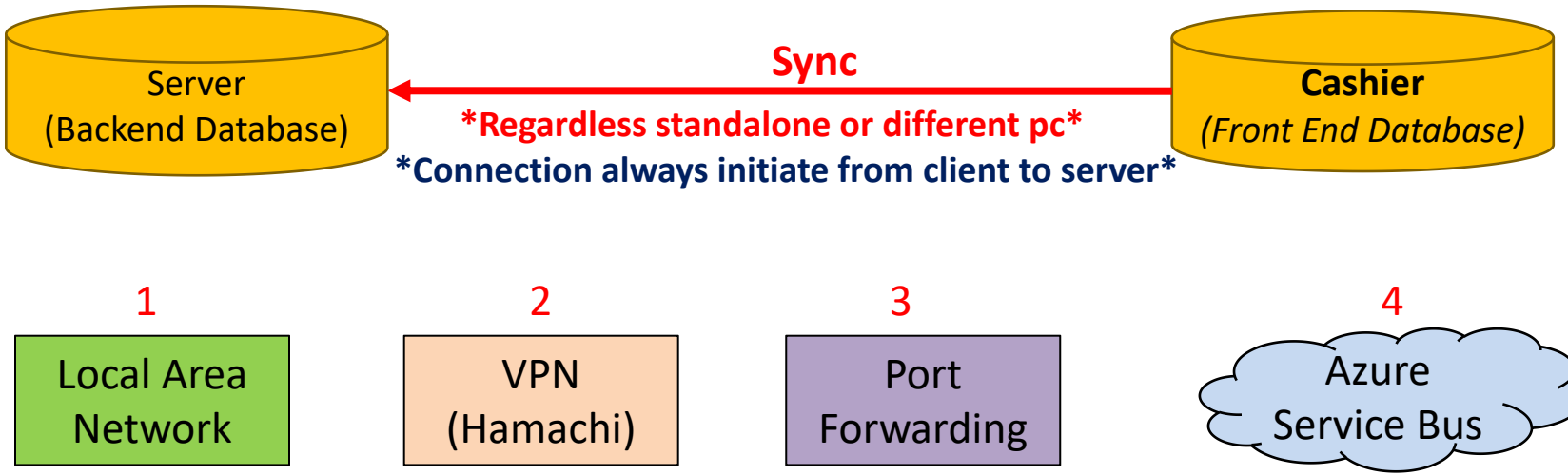

Section 1
(336h 6m)
01
RM9.00
02
03
(0h 0m)
04
RM6.00
10
13
14
15
16
17
(0h 1m)
18
RM4.50
19
20
21
22
23
24
autocount
Total : 4.50
Paid : 4.50
Change : 0.00
View Order Listing
Take Away
Reprint Last Receipt
Reservation
Change Table
Mark Served
Share Table
Join Table
Clear Join Table
Close
Empty
Seated
>= 5 min
>= 15 min
Served
Bill Printed
Reserved
Share Table
Join Table
Cashier: ADMIN
Terminal: T01
Outlet: HQ
21/2/2020 10:36:41 AM

POS 5 Database & Sync Concept

Consist of :
1. Accounting
2. POS Table

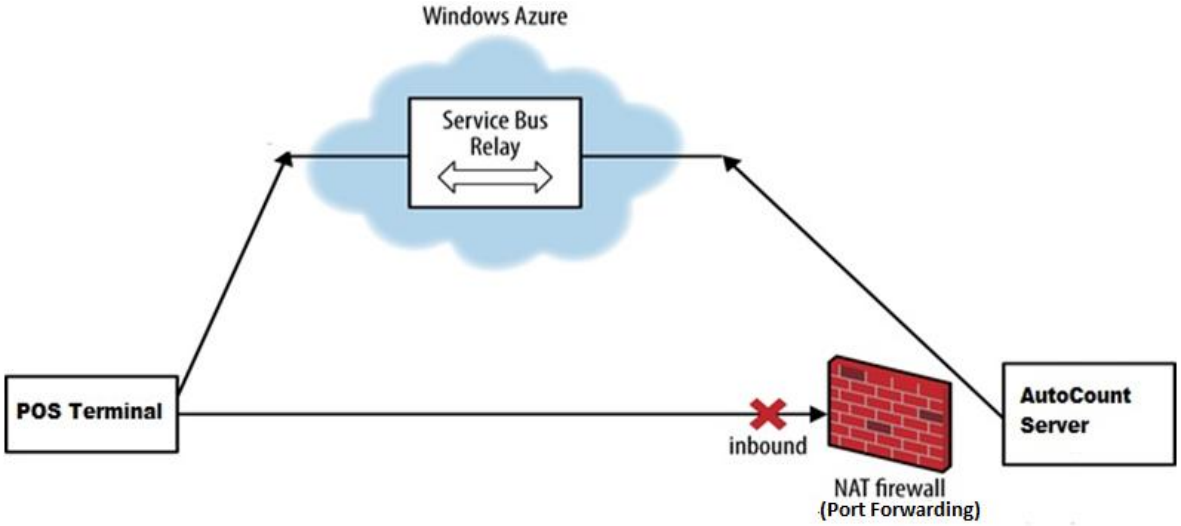
Only consist of :
1. POS Table
2. Debtor
3. Member
4. Item
5. UDF

POS 5 Database & Sync Concept

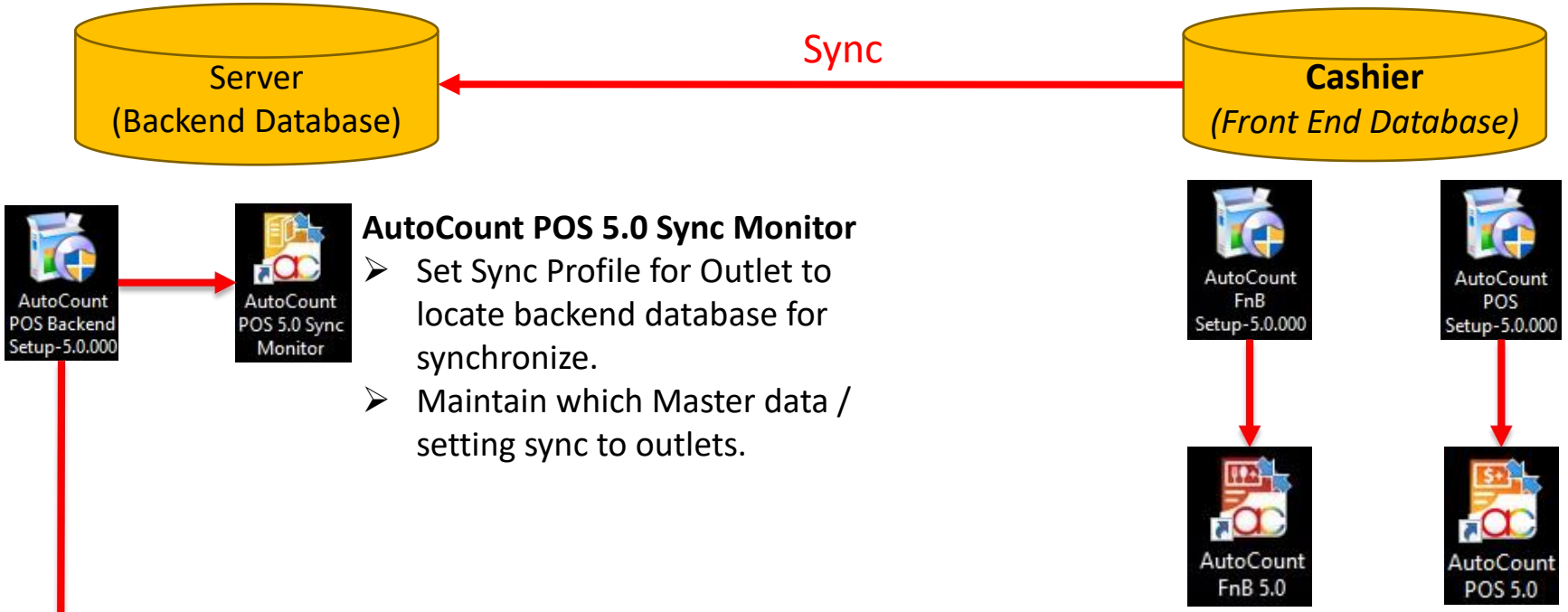


POS 5 Database & Sync Concept

1	2	3	4
Local Area Network	VPN (Hamachi)	Port Forwarding	Azure Service Bus



POS 5 Application Concept



AutoCount POS 5.0 Sync Monitor

- Set Sync Profile for Outlet to locate backend database for synchronize.
- Maintain which Master data / setting sync to outlets.

AutoCount POS 5.0 Backend

- Consist of Backend database.
- Use to maintain settings and master data.
- GL, AR, AP, Stock, Purchase, **POS MAINTENANCE**

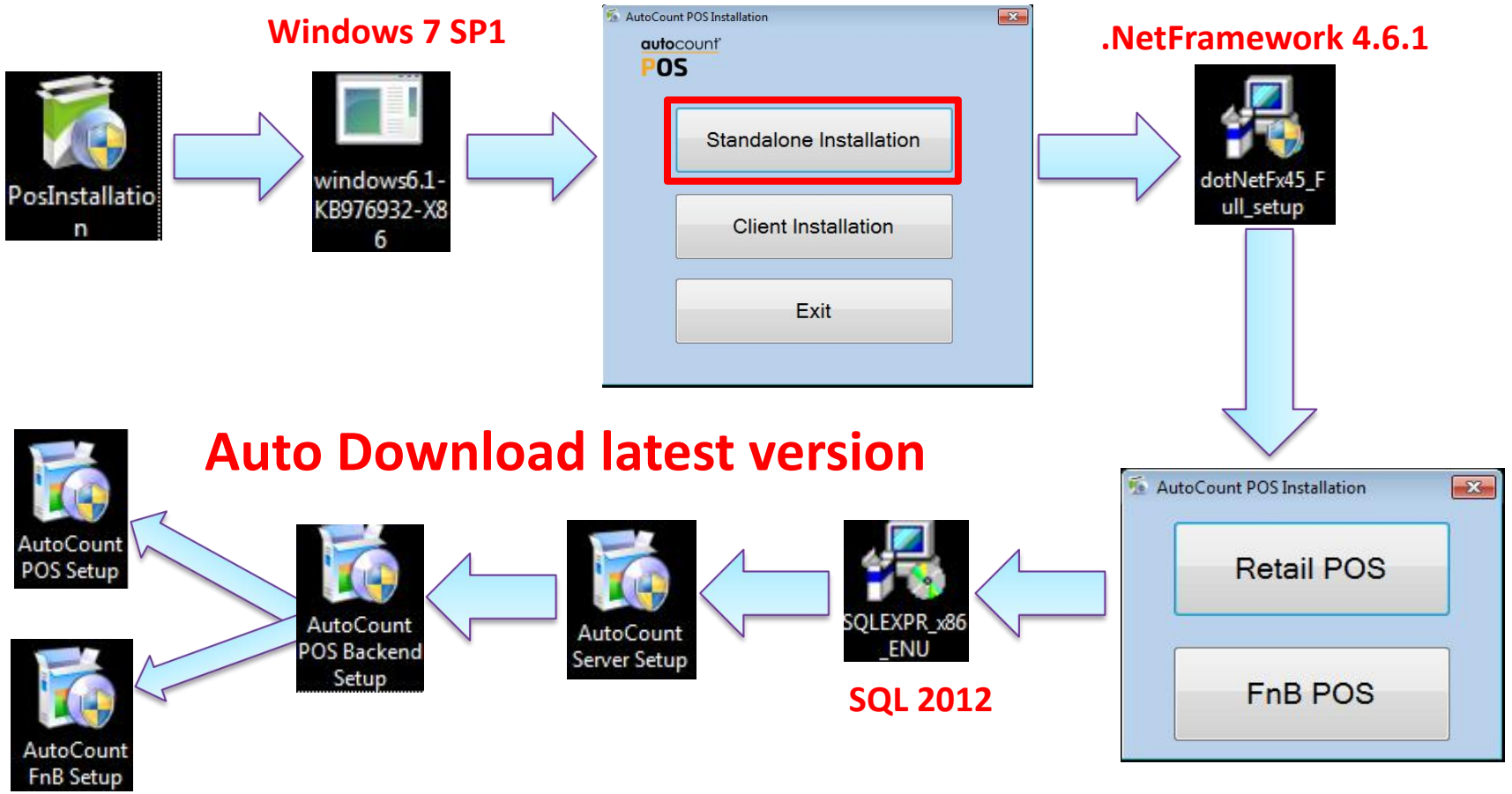
AutoCount FnB 5.0 & POS 5.0

- Consist of Front End Database.
- Use for front end operation.
- Support offline.
- **Initiate Synchronize.**

AutoCount
F&B
Point Of Sales System
Installation

POS Installation Program

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



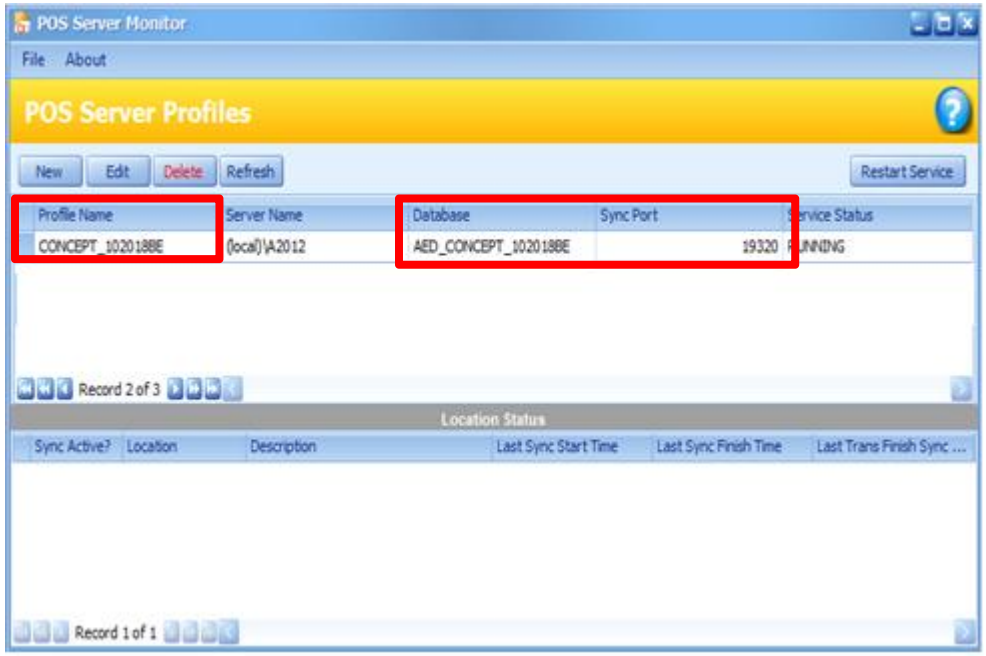
POS Installation Server & Client Installation

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

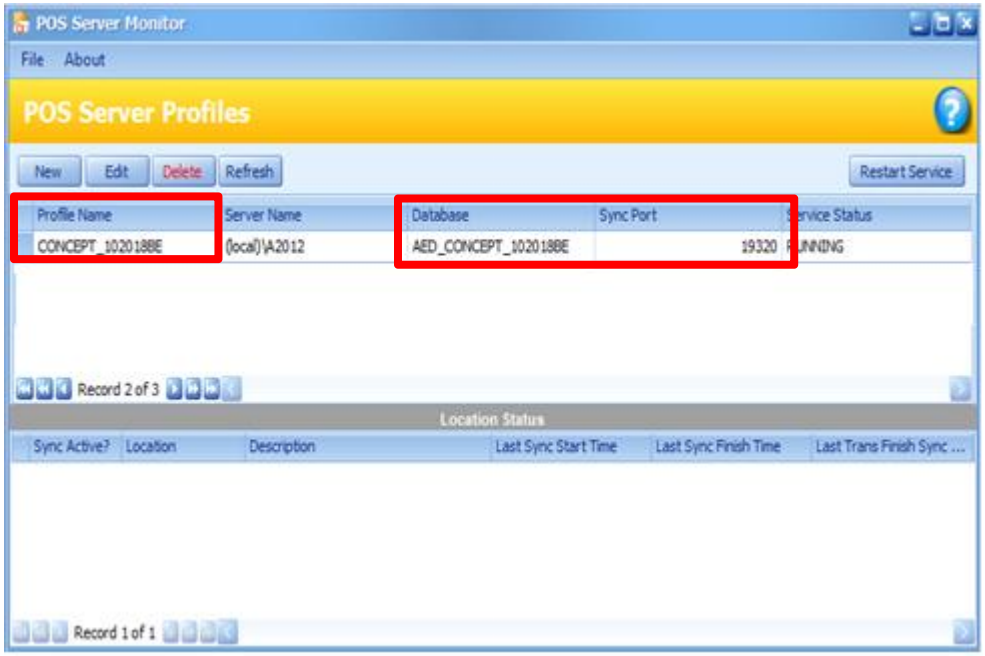
1. Create **Backend** Account Book.
2. Login
   Auto Install POS Plugin

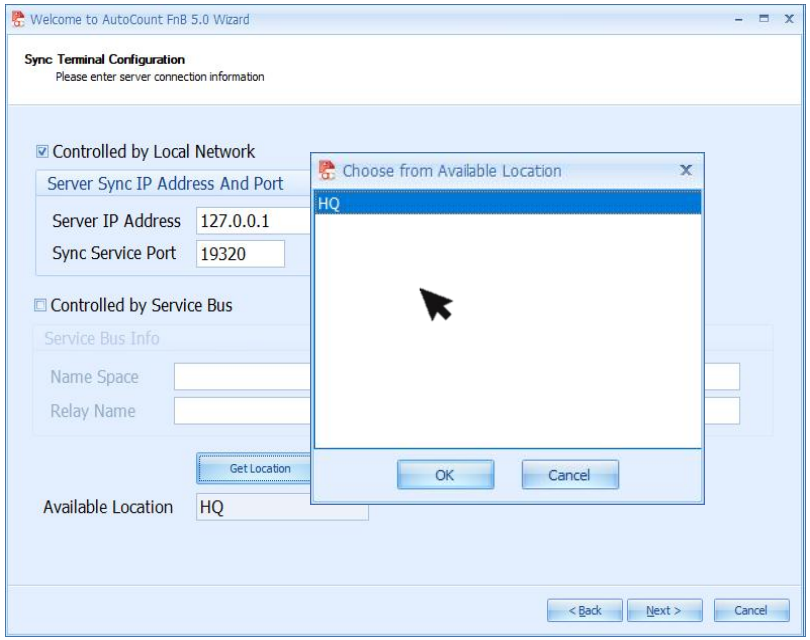
AutoCount Sync Monitor

Auto Create profile when login with POS 5.0 Backend

AutoCount F&B 5.0 / Retail 5.0

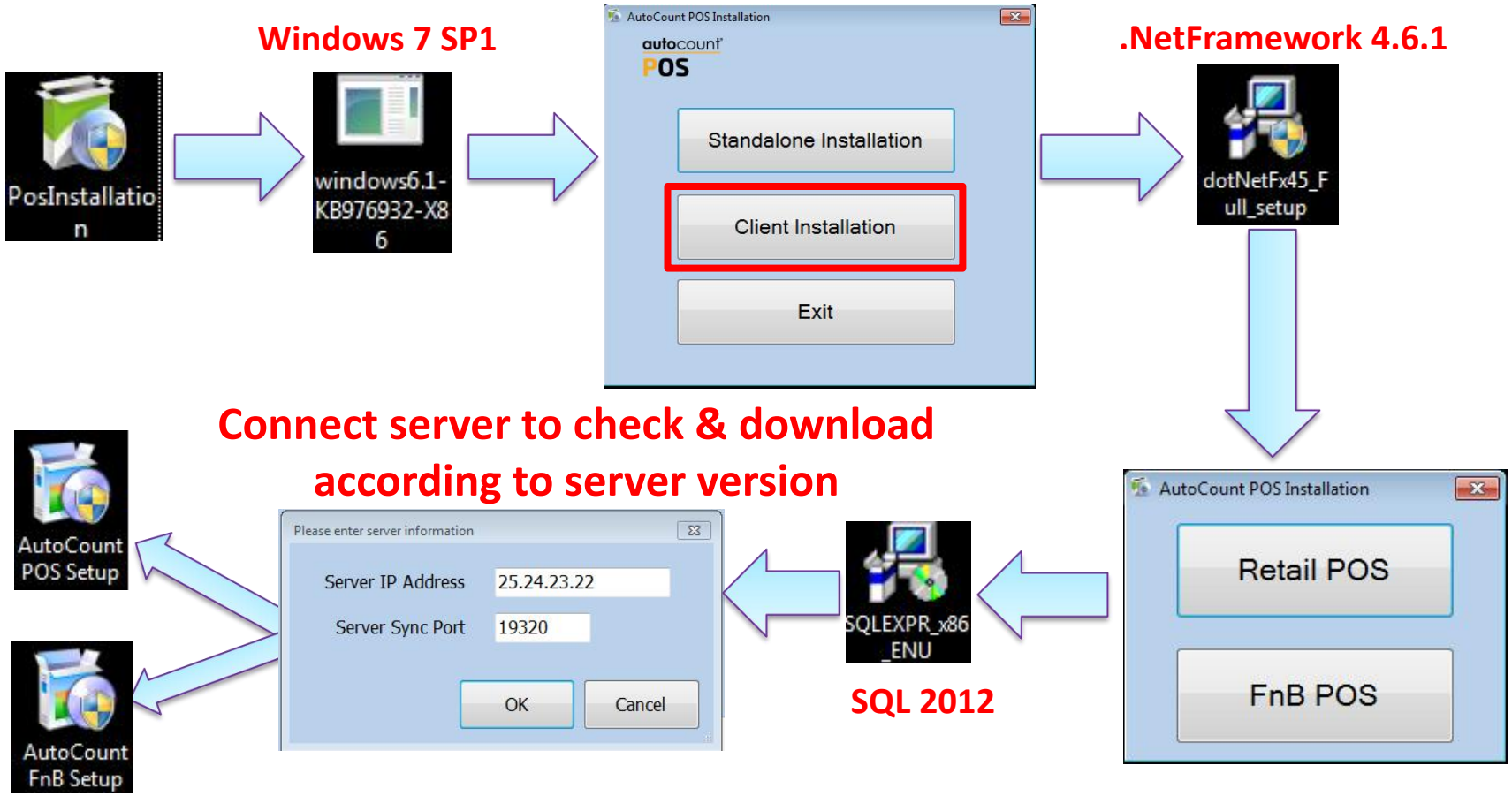
1. Create Frontend Account Book.
2. Set Server IP & sync port, select location and start sync.





POS Client Installation

- Easy setup with Auto download function
- Client Installation



AutoCount
F&B
Backend
Settings

Create Stock Item / Item Type / Item Group

- Plan your menu
- Create Item Type/Item Group
- Create Stock Item

Create Your Menu

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

Create Your Menu

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

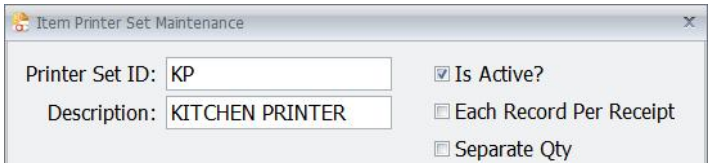
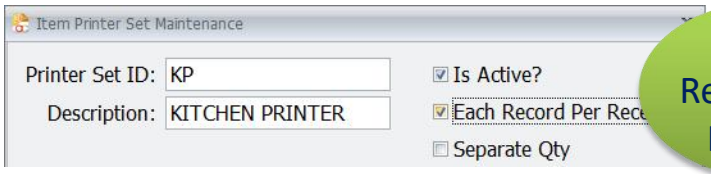


TABLE: 02

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



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

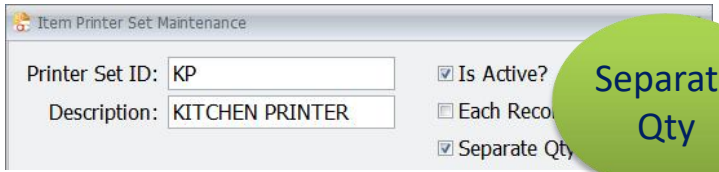
DI	COKE	COKE	1

TABLE: 02

Pax: 8

Last Edit Date Time: 30/10/2017 12:03

DI	7 UP	7 UP	2



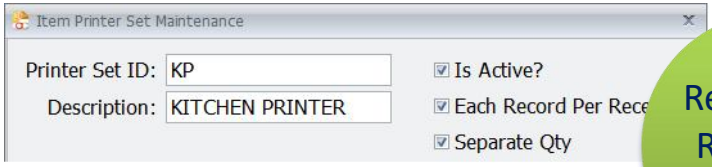
Separate Qty

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



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 ber arrangem
  - ✓ Wes
  - ✓ Chin
- Involves ble, change table
- Can app
- Proper

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

- Set Meal for 2

POS User Maintenance

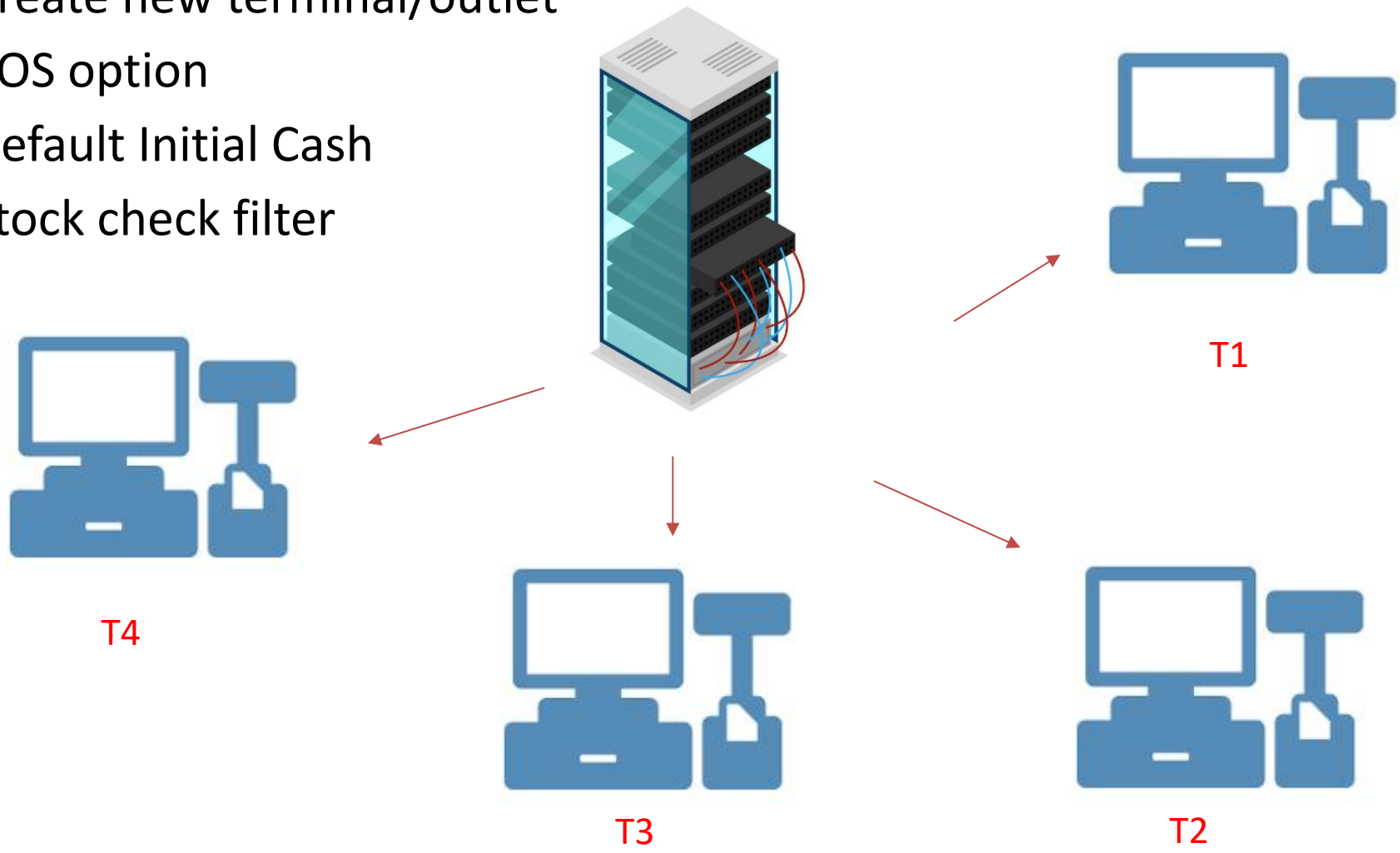
- Create new user/cashier
- Assign User Group
- Assign User Outlet
- Manage Finger Print

POS User Group Maintenance

- Manage access right
- Set discount limit

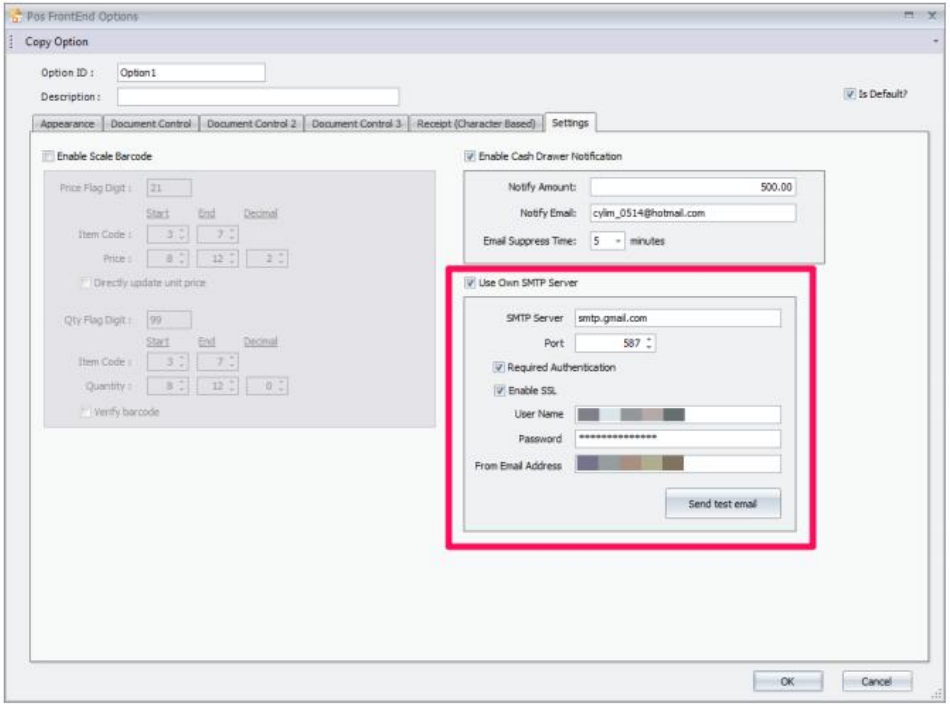
Terminal Maintenance

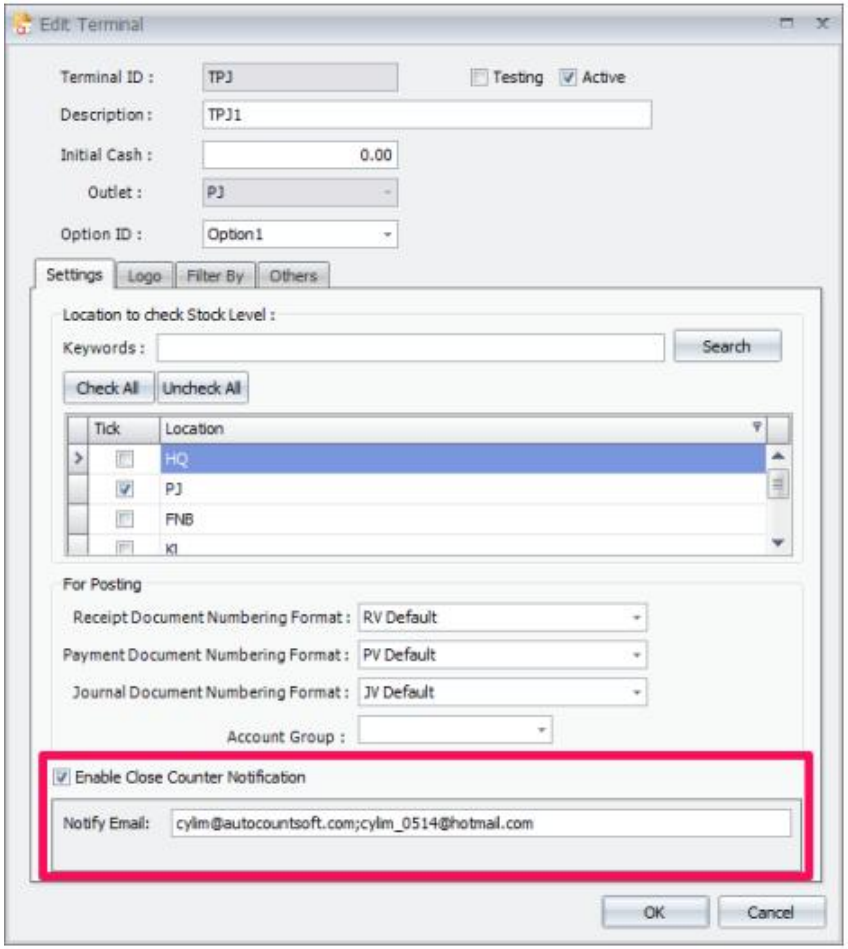
- Create new terminal/outlet
- POS option
- Default Initial Cash
- Stock check filter



Close Counter Notification

- Notify by email after your terminal perform close counter

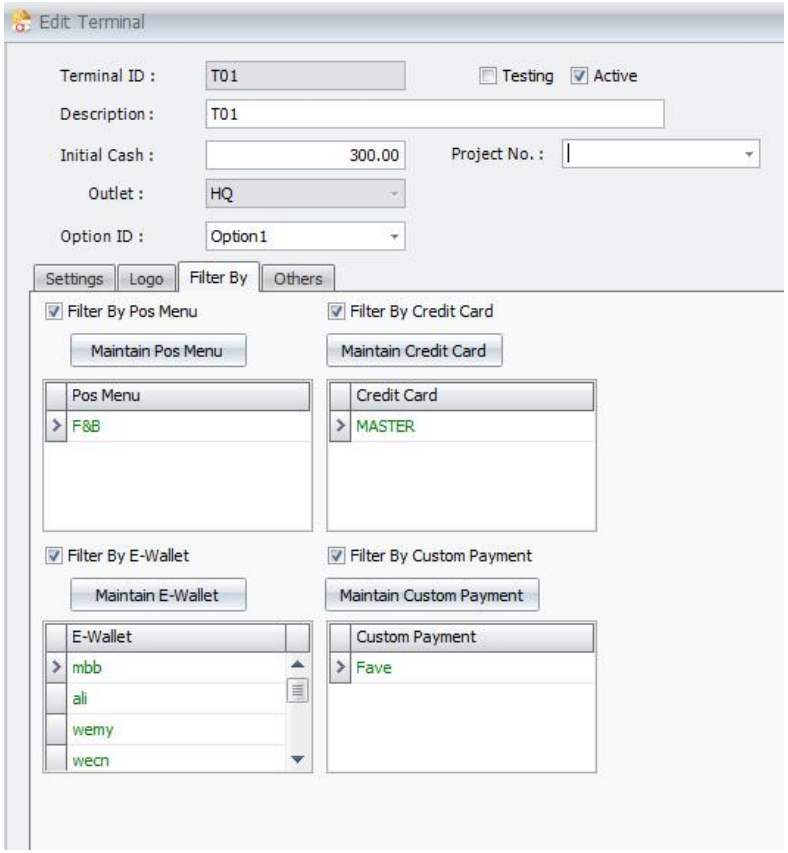




- To setup SMTP Server
  POS → Maintenance → Pos Option Maintenance → Settings

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



Payment Method

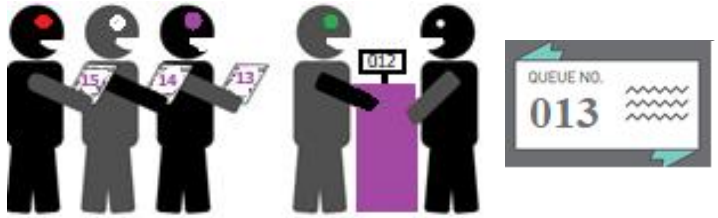
- Credit Card
- Debit Card
- Voucher
- Custom Payment
- E-Wallet

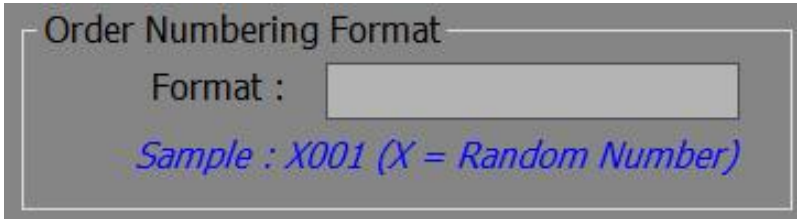
POS Option

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

Ordering Number Format (Queue Format)

➢ What is Ordering Number ?





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

Example 3 digit:

001
X01
XX8
XXX
777

Example 4 digit:

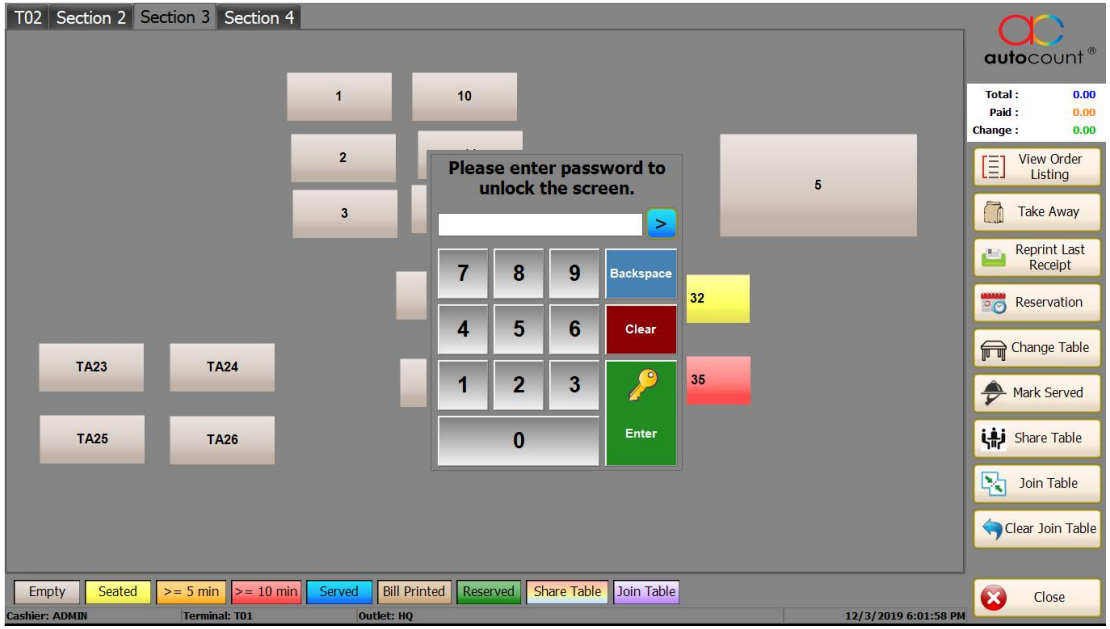
0001
X001
X0X9
XXXX
0759

❑ 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”**

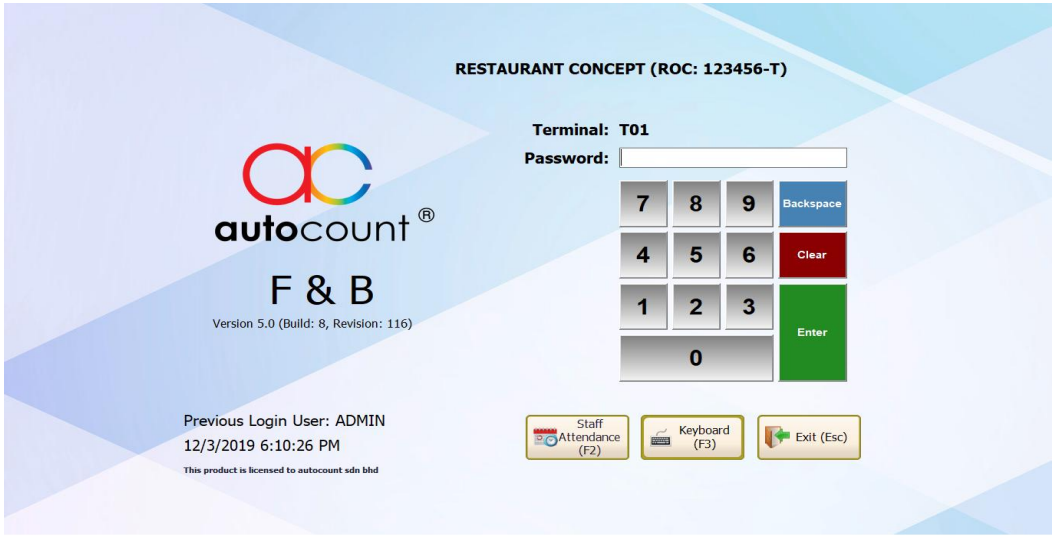
1. ☑ “Show Table” & ☑ “ Auto Logout After Bill”
   - **Return Table screen with “Lock Screen” after “Confirm Bill “**



“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”.**

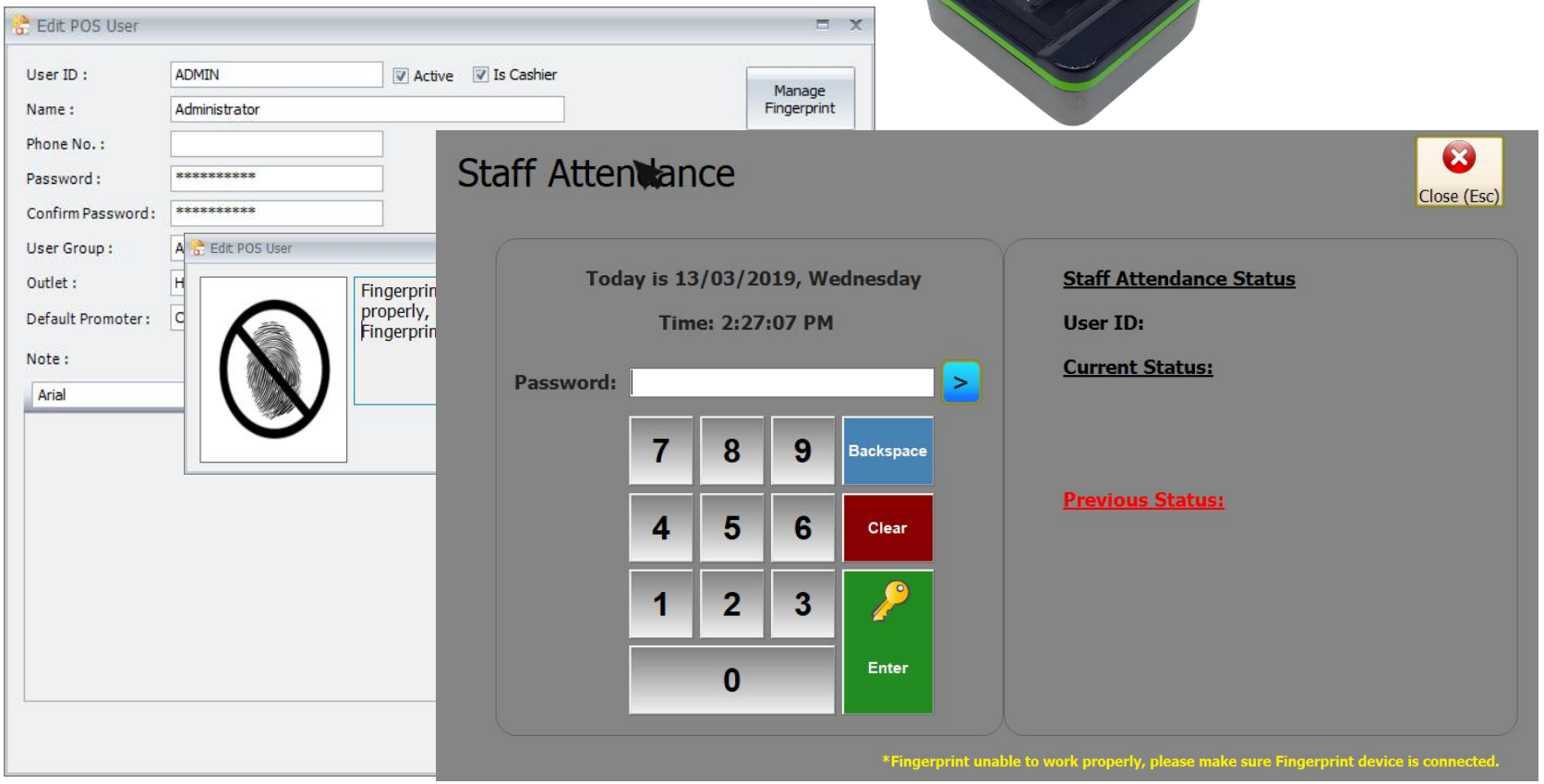


Out of Stock

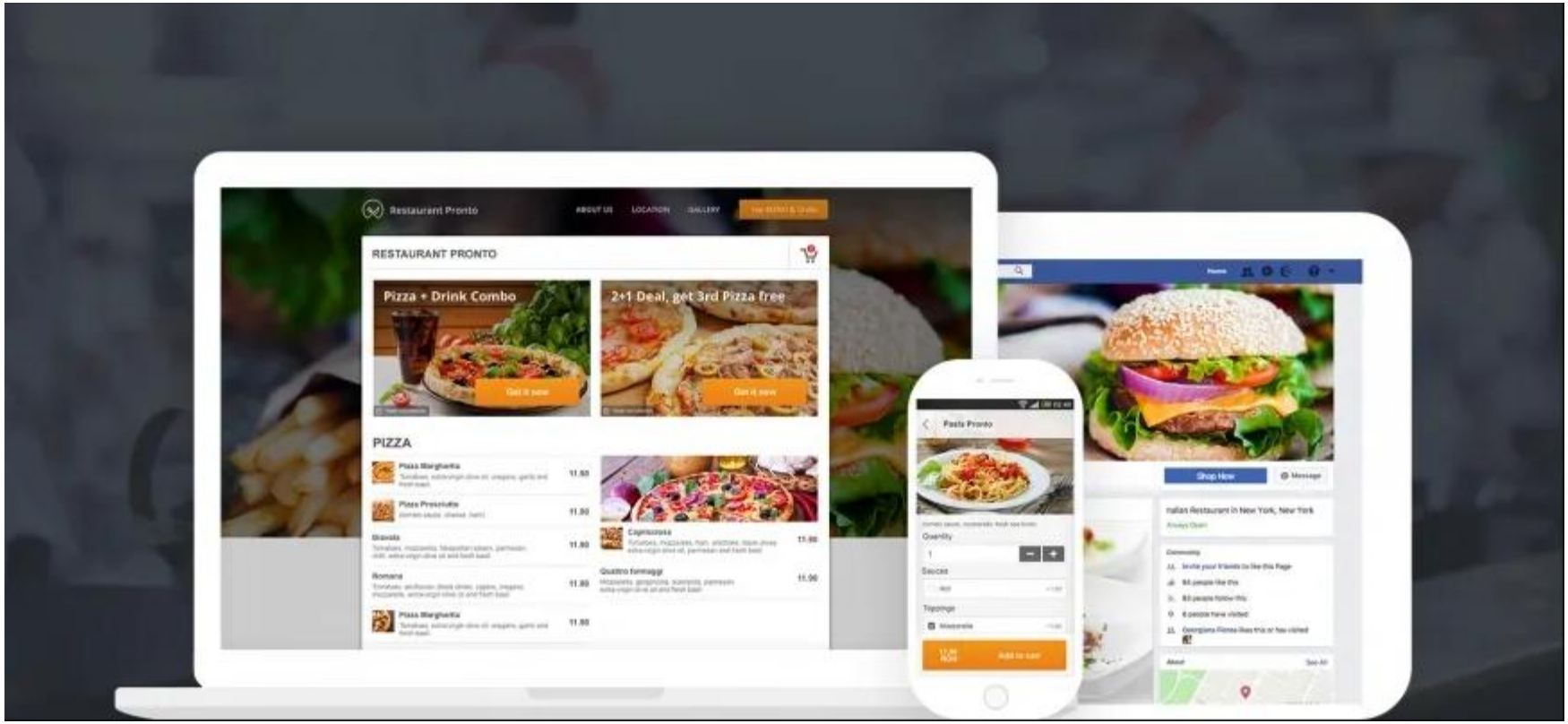
- What is Out of Stock ?
  - ✓ Item sold out.
- What is the purpose ?
  - ✓ Avoid waiter order out of stock item
- How to set out of stock ?
  - ✓ Frontend (for the particular store only)
    - ❑ Set @ More function → Settings → Out of Stock
  - ✓ Set at Backend (sync to outlet)
    - ❑ Set @ Point of Sales → Maintenance → Out of Stock Maintenance

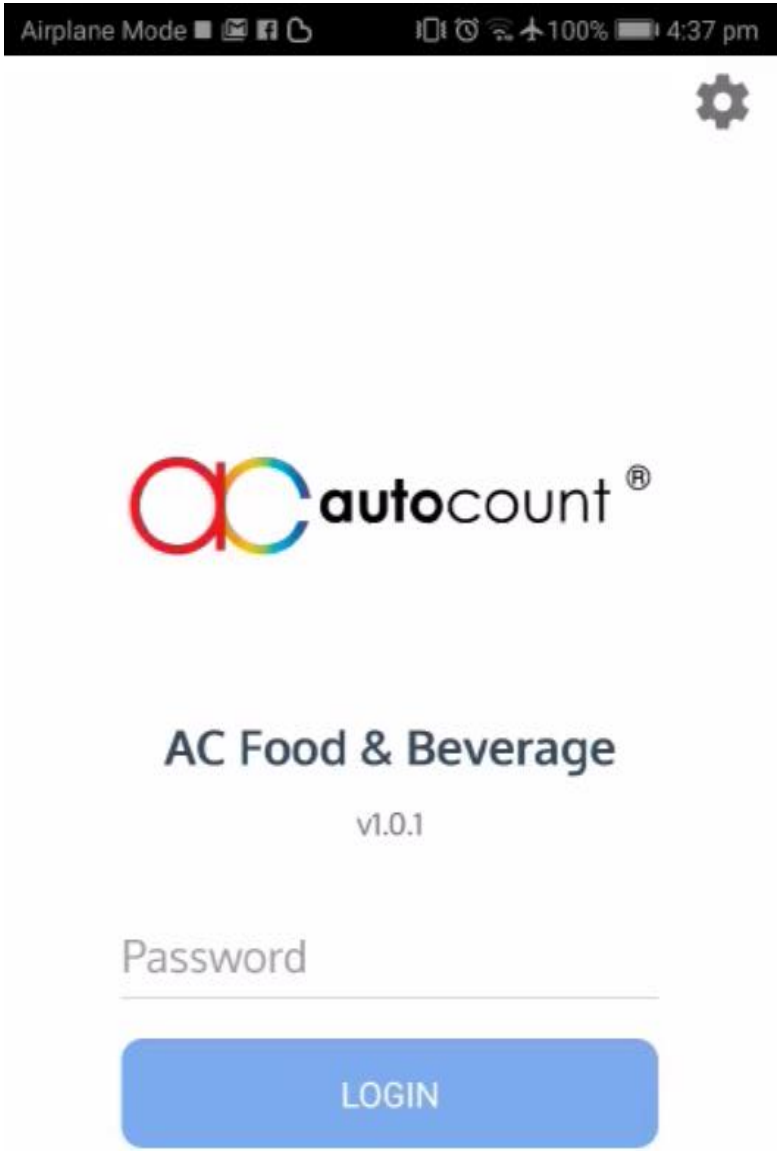
Staff Attendance by Thumb Print

- Setup @ Backend POS User Maintenance -> Manage Finger Print
  - ✓ Model : Mdot MA20R

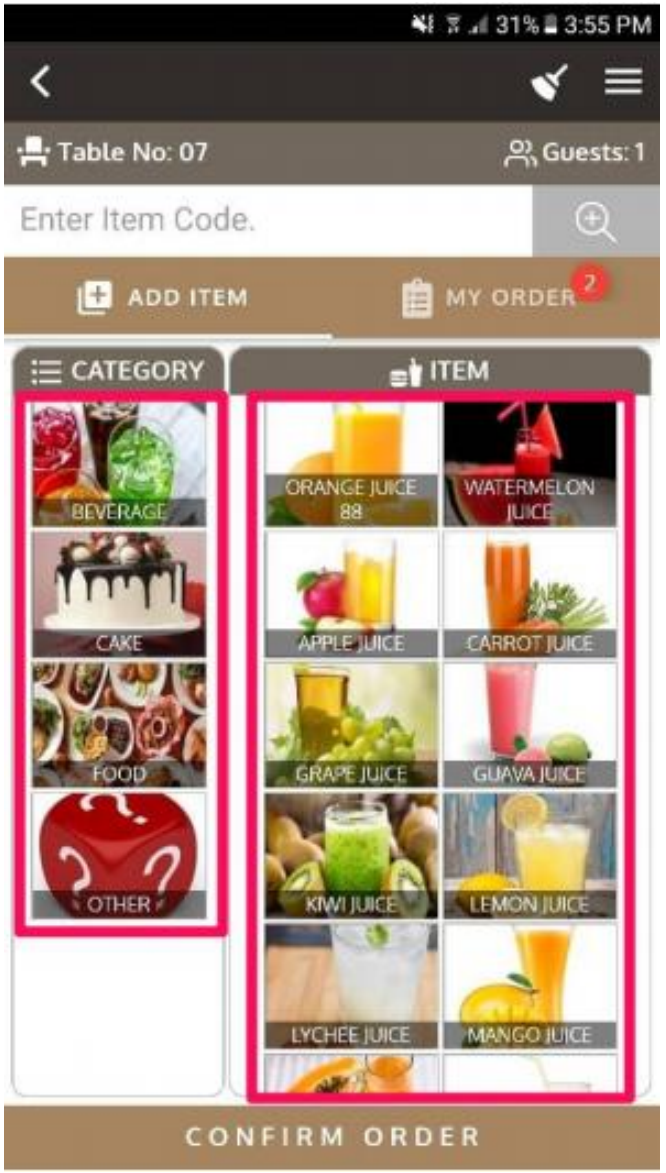


Ordering Apps




Airplane Mode
100%
4:37 pm
autocount ®
AC Food & Beverage
v1.0.1
Password
LOGIN

5:12
100%
eWaiter
autocount
AutoCount F&B eWaiter
v1.0.3
Password
LOGIN

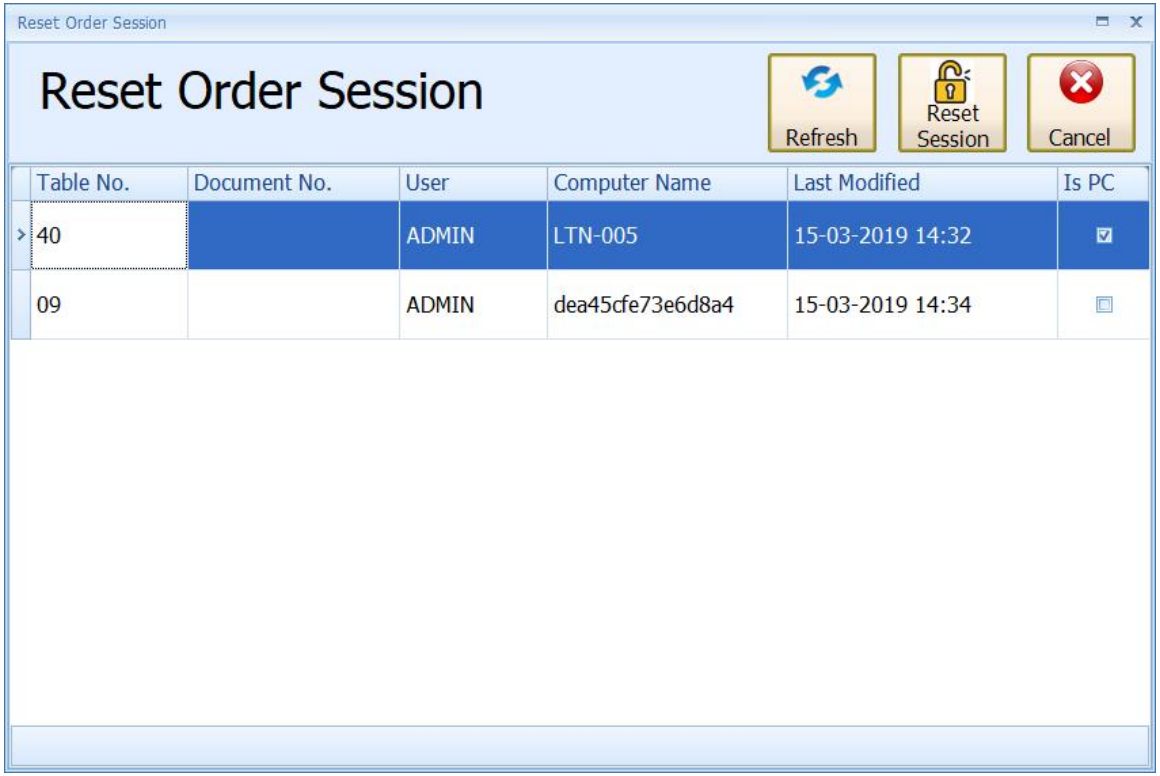

31% 3:55 PM
Table No: 07
Guests: 1
Enter Item Code.
ADD ITEM
MY ORDER
2
CATEGORY
ITEM
BEVERAGE
CAKE
FOOD
OTHER
ORANGE JUICE
88
WATERMELON JUICE
APPLE JUICE
CARROT JUICE
GRAPE JUICE
GUAVA JUICE
KIWI JUICE
LEMON JUICE
LYCHEE JUICE
MANGO JUICE
CONFIRM ORDER

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



❑ Function @ More function → Setting → Reset Order Session

Ingredient

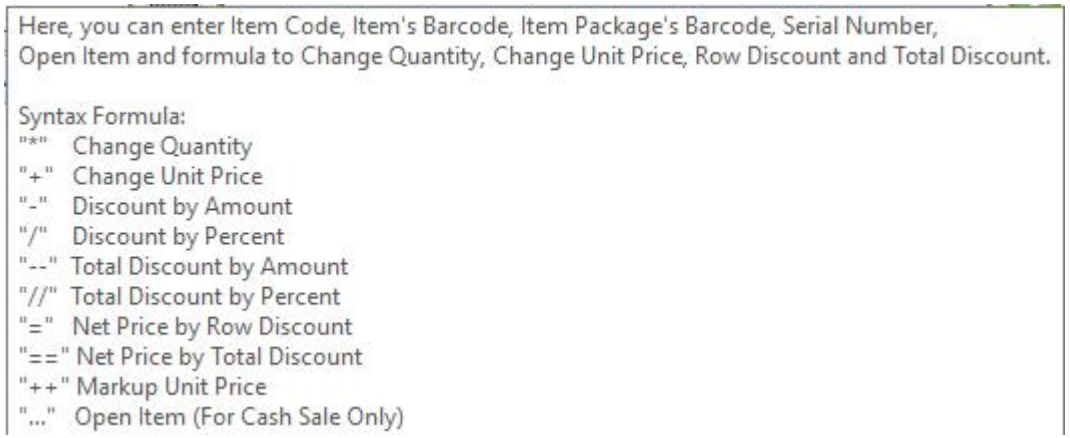
- To calculate raw material stock that have been use to produce finished good
- Also known as BOM but does not required assembly

Tips

- An extra earning given by generous customer.

RETAIL
Advance Module

Syntax Formula



- 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

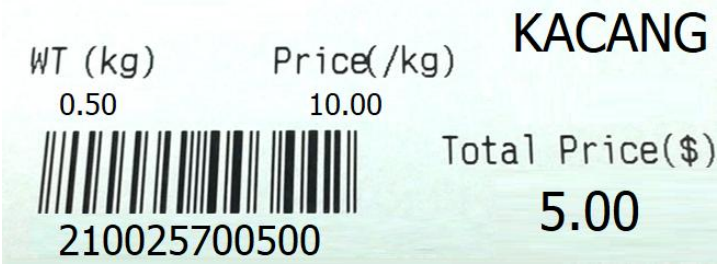
Weighing Scale

- 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)



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 identified 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