|  |
| --- |
| Abeo international pte ltd |
| POS & SAP  Daily Sales  Integration Functional Specifications |
| *for EIGHTEEN CHEFS PTE LTD* |
|  |
|  |
| **Updates**  **Version 3, Yin Hui on 12 APR 2017**  **Version 4, Yin Hui on 23 May 2017**  **Version 5, Yin Hui 2 June 2017** |

Contents

[1 Master Data 3](#_Toc481052368)

[1.1 Outlet Setup for Daily Sales 3](#_Toc481052369)

[1.2 Payment Mode 4](#_Toc481052370)

[2 Discount Type 4](#_Toc481052371)

[3 Transactional Data (POS to SAP) 6](#_Toc481052372)

[3.1 Daily Sales Summary 8](#_Toc481052373)

[3.2 Daily Sales Details 10](#_Toc481052374)

[3.3 Daily Collection Summary 12](#_Toc481052375)

[4 Prerequisite 15](#_Toc481052376)

[5 Customized Logic: 15](#_Toc481052377)

[5.1 Assign Dimension 1 & 2 for every line in Sales Invoice Transaction 15](#_Toc481052378)

[5.2 Warehouse and Bin location 15](#_Toc481052379)

[5.3 Data assignment for Payment Transaction 15](#_Toc481052380)

[5.4 Data assignment for Sales Transaction 16](#_Toc481052381)

[5.5 Sales Transaction with Sales BOM 16](#_Toc481052382)

[6 Acknowledgement 17](#_Toc481052383)

|  |
| --- |
|  |

# Master Data

|  |  |  |
| --- | --- | --- |
| No | Queries to Client | Answer verified by Client |
| 1 | In SAP or POS you maintain the master data such as item master data and outlet? | Master data is maintained separately in POS and SAP. No mapping tables are required because the same codes will be setup in both systems. |
| 2 | Do you require master data to be synced from POS to SAP or vice versa? | Yes, new Item creation. Item code and description for ‘SALES’ only will be created under the respective item group name (assumes that the name of the POS revenue category is exactly the same as SAP Item group name) as inactive item.  Item group must be setup manually in SAP before the item code can sync over.  The user will update the BOM in SAP and other necessary information before activating the item in SAP. |
| 3 | If master data sync is required, what will be the frequency required? | Every Day |
| 4 | Does each outlet have only one or multiple store locations? | Single  Each outlet has one central store location.  All items will be stored in 1 location in each outlet. |

Required fields to be provided by Agilysys in the form of xml file:

|  |  |
| --- | --- |
| Column Description | Data type |
| 1. Item Code | Alphanumeric only, no special characters or spaces allowed.  Maximum 50 characters |
| 2. item Description | Alphanumeric, Maximum 100 characters |
| 3. Item Group  (Menu Category) | Alphanumeric, Maximum 20 Characters  e.g.   * Hot Beverage * Cold Beverage * Munchies & Platters * Fries * Salad * Sandwiches & Burgers * Heart Attack Fried Rice * Desserts * Waffles * Pasta * Red & White Meat * Rice * IP Products |
| 4. Creator | Alphanumeric, Maximum 20 Characters  User name of the creator |

Filename will be of the format: NewItem\_2017052420091009.xml where it starts with “NewItem” followed by the datetime stamp.

Only newly items will be included in the file. New created items from POS will be created as inactive items. User will need to complete the item master data in SAP and set the item master as active before the sales of the POS can be synced over.

## Assumptions:

Item group must pre-exist in the SAP. If item group does the job will fail. User will need to create the item group with the exact same name as Menu category before rerunning the program.

## Outlet Setup for Daily Sales

Each outlet will provide sales data each day consolidate by each outlet and concept. The current outlets and concepts are below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name of Outlet** | **Outlet Code**  **& Cost Center**  **(8 Characters)**  **DIMENSION 2** | **Concept Code**  **DIMENSION 1** | **Cash Customer Code** |
| 1 | Eighteen chefs Ang Mo Kio | CAMK01 | 18C | CCAMK01 |
| 2 | Eighteen chefs Bukit Panjang | CBPP01 | 18C | CCBPP01 |
| 3 | Eighteen chefs Cineleisure | CCIN01 | 18C | CCCIN01 |
| 4 | Eighteen chefs Bugis Junction | CBGJ01 | 18C | CCBGJ01 |
| 5 | Eighteen chefs Downtown East | CDTE01 | 18C | CCDTE01 |
| 6 | Eighteen chefs Yew Tee Point | CYTP01 | 18C | CCYTP01 |
| 7 | Eighteen chefs Simei | CSIM01 | 18C | CCSIM01 |
| 8 | Eighteen chefs JCube | CJCB01 | 18C | CCJCB01 |
| 9 | Eighteen chefs The Star Vista | CSVT01 | 18C | CCSVT01 |

## Payment Mode

The following payment modes available at POS that need to be created and mapped in SAP are as follows. The payment modes are available to all POS.

|  |  |
| --- | --- |
| TenderCode in POS | TenderCode to setup in SAP |
| String(100) | **String(100)** |
| POS Tender Code | **SAP Tender Code** |
|  | Visa |
|  | Master |
|  | Cash |
|  | GEBIZ |
|  | Nets |
|  | NTUC Points |
|  | Voucher |
|  | Deposit Paid |

This mapping table will be maintained in one central integration database by users. When the POS sends over the Payment under the different POS Tender Code, the payment will be recorded in SAP under the SAP Tender Code as per the tender table.

## Check Type Mapping Table

The following check type available at POS that need to be created and mapped in SAP are as follows.

|  |  |
| --- | --- |
| Check Type in POS | SAP GL Account to setup in SAP |
| String(100) | **String(100)** |
| DINE IN | 500001 |
| TAKE OUT | 500002 |
| FOODPANDA | 500003 |
| DELIVEROO | 500004 |
|  |  |
|  |  |
|  |  |
|  |  |

This mapping table will be maintained in one central integration database by users. When the POS sends over the CHECK TYPE, the REVENUE will be recorded in SAP under the SAP GL Account Code as per the check type mapping table.

# Adjustment Type

|  |  |  |
| --- | --- | --- |
| No | Queries | Answer |
| 1 | Do you allow discount on discount in a single bill?  For example, if there is a 1-FOR-1 for a dish, do you further allow 10% off from total bill? | No |
| 2 | What are the special customized 100% adjustment Types?  \*\*\* POS has to send back POST-SEND void. | * Void / Refund Code: WASTAGE will map to one COGS Expense G/L account for wastage   E.g. customer order Fish &Chips but kitchen made Chicken chop GL Code: Required and will be provided later.   * Check Type Code: ENTERTAINMENT will map to one Operating Expense G/L account for entertainment  GL Code: Required and will be provided later. * Check Type Code: STAFFMEAL will map to one Operating Expense G/L account for staff welfare   E.g. Staff training GL Code: Required and will be provided later.   * Void / Refund Code: COMPLAINT will map to one Operating Expense G/L account for customer complaints   E.g. Undercooked dish GL Code: Required and will be provided later. |
| 3 | Do you have set menu which allow customers to mix and match dishes? | No, no more open key |
| 4 | Discount treatment for normal discount  For example, If a bottle of coke is $1.00 and discount given is $0.15, the revenue to be posted is $1.00 or $0.85? | $1.00 with discount $0.15.  Eighteen Chefs does not require the discount breakup in SAP. |

# Transactional Data (POS to SAP)

|  |  |  |
| --- | --- | --- |
| No | Queries | Answer |
| 1 | What is the frequency of Transactional data sent from POS into SAP? | Daily |
| 2 | What will be the customer code used in SAP for walk in customers?  Will corporate customers be used entered into the POS? | C<OUTLETCODE> for RESPECTIVE outlets  Corporate customers’ sales will be returned from POS as normal cash sales. |
| 3 | How do you analyse sales from POS? | By delivery mode (DINE IN, TAKE OUT, CALL COLLECT)  By Concept  By Outlet  Hence, the item sales must be split by the delivery mode in each daily sales file. Every outlet and concept will have a separate sales file. |
| 4 | SAP code for   1. Tipping 2. Rounding 3. Excess 4. Service Charge | 1. zSTips 2. zSRounding 3. zSExcess 4. zSServiceCharge |
| 5 | Is the daily POS file split by brand, outlet, business date?  For eg: One POS file each day for each outlet? | **One SET OF POS DATA each business day for each outlet for every hour. MULTIPLE SETS of POS Data can be included in one file.** |
| 6 | Line item Price | Exclusive of GST & Service Charge |
| 7 | Data type | POS will send data in the form of 3 XML files placed in a centralized shared folder.  SAP will pick and process. SAP will not check if the data files have uploaded before or not.  Sales header filename: SALESHDR\_20170527200898.xml  Sales details filename: SALESDET\_20170527200898.xml  collection filename: PAYMENT\_20170527200898.xml  where 20170527200898 is the date time stamp. |
| 8 | If Error, resync by POS or by Outlet | By Outlet |

## Daily Sales Summary

Every DAILY SALES SUMMARY by the hour will be a set of 3 files, the summary header file, the item line detail file and the collection file.

Sample Header Data

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **FILE ID** | **ENTITY**  **CODE** | **CONCEPT** | **BRAND** | **SALES OUTLET** | **BUSINESS DATE** | **MEAL PERIOD** | **HOUR** | **TOTAL GROSS AMOUNT** | **SERVICE CHARGE** | **GST** | **ROUNDING** | **EXCESS AMOUNT** | **TIPS AMOUNT** | **NET COVERS** | **NET TABLES (CHECKS)** |
| 11109 | 18C | EXPRESS | 18C | CAMK01 | 20170101 | LUNCH | 1100 | 46.55 | 3.78 | 2.91 | 0.01 | 2.05 | 0.00 | 2 | 1 |
| 11110 | 18C | EXPRESS | 18C | CAMK01 | 20170101 | LUNCH | 1200 | 56.80 | 4.80 | 3.69 | -0.01 | 0.00 | 0.35 | 4 | 2 |
| 11111 | 18C | EXPRESS | 18C | CAMK01 | 20170101 | TEA1 | 1300 | 56.80 | 4.80 | 3.69 | -0.01 | 0.00 | 0.35 | 4 | 2 |
| 11112 | 18C | EXPRESS | 18C | CAMK01 | 20170101 | TEA1 | 1400 | 56.80 | 4.80 | 3.69 | -0.01 | 0.00 | 0.35 | 4 | 2 |
| 11113 | 18C | EXPRESS | 18C | CAMK01 | 20170101 | TEA2 | 1500 | 56.80 | 4.80 | 3.69 | -0.01 | 0.00 | 0.35 | 4 | 2 |
| 11114 | 18C | ORIGINAL | 18S | CBPP01 | 20170102 | LUNCH | 1100 | 102.56 | 0 | 6.71 | 0 | 0 | 0.00 | 0 | 0 |

Mapping to SAP

The FILE ID is an important key that identifies the single POS file which will contain 1 Sales Transaction Header, multiple Sales Transaction Lines and multiple Payment Lines.

XML File Type : SalesTransHeader, highlighted in yellow are the fields required from POS.

For numeric, no commas should be included.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **INT Field Name** | **SAP Field Name** | **SAP Field Data Type** | **POS Field Name** | **POS Data Type** |
| OutletCustomerCode | OINV.CardCode = C<SalesOutlet> e.g. CCAMK01 | String (15) | - | - |
| FileID | - | Integer | FileID | Integer |
| ENTITY | DATABASE NAME | STRING(15) | ?? | ?? |
| OutletConcept | OINV.U\_Concept | String(20) | Concept | Alphanumeric(20) |
| BRAND | OINV.U\_BRAND | String(20) | BRAND | Alphanumeric(20) |
| SalesOutlet | OINV.U\_Outlet  e.g. CCGWCY | 8 Characters | Sales Outlet | Alphanumeric(8)  No spaces, special characters allowed |
| POSNo | OINV.U\_POSNo  Same as Outlet Code, e.g. CAMK01 | String(8) | - | - |
| DocDate | OINV.DocDate | DateTime | Business Date | Date  yyyymmdd |
| Meal Period | OINV.U\_MEALPERIOD | ALPHANUMERIC(20) | Meal Period | ALPHANUMERIC(20) |
| Hour | OINV.U\_HOUR | Numeric(4) | Hour | numeric(4) |
| TotalGrossAmt | OINV.DocTotal (Total Bill) = Subtotal Less Total Discount (if any) Add Svc Charge Add Rounding Add Excess Amount Add Tips Add Tax (not for Rounding, Excess Amt & Tips) | Numeric | Total Gross Amount (Total) = Subtotal  less Total discount  add Svc Charge  add Rounding  add Excess Amount  add Tips  add Tax | Money |
| SvcCharge | INV1.ItemCode = sServiceCharge Taxable | Numeric | Service Charge | Money |
| GST | summed from invoice lines  calculated by SAP | Numeric | GST | Money |
| Rounding | INV1.ItemCode = sRounding Non Taxable | Numeric | Rounding | Money |
| Excess | INV1.ItemCode = sExcess Non Taxable | Numeric | Excess Amount | Money |
| Tips | INV1.ItemCode = sTips Non Taxable | Numeric | Tips Amount | Money |
| Net Covers | OINV.U\_Covers | Numeric | Covers | Numeric |
| Net Tables | OINV.U\_NetTables | Numeric | NetTables | Numeric |

## Daily Sales Details

Sample Data

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **FILE ID** | **BUSINESS DATE** | **POS ITEM CODE** | **POS ITEM**  **\*\*\* For Illustration only, not in actual file** | **SALES OUTLET** | **REVENUE CATEGORY**  **(MARKET SEGMENT IN SAP)** | **SALES MODE**  **(CHECK TYPE)** | **ADJUSTMENT CODE** | **PRICE** | **QTY** | **Sub**  **total** |
| 11109 | 20170101 | 00029123 | SPD-L | CAMK01 | REGULAR | STAFF MEAL |  | 0 | 1 | 0 |
| 11109 | 20170101 | 00029123 | SPD-L | CAMK01 | REGULAR | ENTERTAINMENT |  | 0 | 1 | 0 |
| 11109 | 20170101 | 00029123 | SPD-L | CAMK01 | REGULAR | DINE IN |  | 18.00 | 1 | 18.00 |
| 11109 | 20170101 | 00029224 | DOUBLE BOILED CHICKEN SOUP | CAMK01 | SENIOR | DINE IN |  | 7.50 | 2 | 15.00 |
| 11109 | 20170101 | 00029325 | FRAGRANT WHITE RICE | CAMK01 | NS | DINE IN |  | 1.00 | 2 | 2.00 |
| 11109 | 20170101 | 00029326 | JASMINE TEA | CAMK01 | KIDS | CALL COLLECT |  | 2.80 | 1 | 2.80 |
| 11109 | 20170101 | 00029326 | JASMINE TEA | CAMK01 | SPECIAL PROMO | DINE IN |  | 2.80 | 1 | 2.80 |
| 11109 | 20170101 | DISCOUNT | DISCOUNT | CAMK01 |  |  |  | 2.80 | -1 | -2.80 |
| 11110 | 20170102 | 00029327 | SET LUNCH $15.99 | CAMK01 | REGULAR | DINE IN |  | 15.99 | 2 | 31.98 |
| 11110 | 20170102 | 00012345 | HEARTATTACK BURGER | CAMK01 | REGULAR | DINE IN | WASTAGE | 0.00 | 2 | 0.00 |
| 11110 | 20170102 | 00121823 | SOUP OF THE DAY | CAMK01 | REGULAR | DINE IN | COMPLAINT | 0.00 | 2 | 0.00 |
| 11110 | 20170102 | 12948102 | SOFT DRINK | CAMK01 | REGULAR | DINE IN | WASTAGE | 0.00 | 2 | 0.00 |
| 11110 | 20170102 | 00029327 | SET LUNCH $15.99 | CAMK01 | REGULAR | CALL COLLECT |  | 15.99 | 1 | 15.99 |
| 11110 | 20170102 | 00012346 | FISH & CHIPS | CAMK01 | REGULAR | DINE IN | COMPLAINT | 0.00 | 1 | 0.00 |
| 11114 | 20170102 | 00029328 | SET LUNCH $20 | CBPP01 | REGULAR | CALL COLLECT |  | 20.00 | 5 | 100.00 |
| 11114 | 20170102 | 00012348 | CARROT CAKE | CBPP01 | REGULAR | CALL COLLECT |  | 0.00 | 5 | 0.00 |
| 11114 | 20170102 | 00012347 | SEAFOOD FRIED RICE | CBPP01 | REGULAR | CALL COLLECT |  | 0.00 | 5 | 0.00 |
| 11114 | 20170102 | 12948103 | MUSHROOM SOUP | CBPP01 | REGULAR | CALL COLLECT |  | 0.00 | 5 | 0.00 |
| 11114 | 20170102 | 12948104 | DURIAN PANCAKE | CBPP01 | REGULAR | CALL COLLECT |  | 6.50 | 1 | 6.50 |
| 11114 | 20170102 | DISCOUNT | DISCOUNT | CBPP01 | REGULAR |  |  | 10.65 | -1 | -10.65 |
|  |  |  |  |  |  |  |  |  |  |  |

### Sample & background

* File 11109
* HEADER NET SALES IS $37.8
* LINE DETAIL SUMMARY IS ALSO $37.8
* QTY consumed is as per quantity ordered
* All discounts will be consolidated as 1 line item DISCOUNT
* \*\* STAFF MEAL & ENTERTAINMENT are sales mode and sales is with some value which interface program will change to zero.
* Financially, recognize cost and not sales.
* All sales settled in the same hour will be included in 1 set of files.

### Sample & background

* File 11110
* HEADER NET SALES IS $47.97
* LINE DETAIL SUMMARY IS ALSO $47.97
* QTY consumed is as per quantity ordered
* No discount given for this set
* \*\* WASTAGE & COMPLAINT are ADJUSTMENT CODES and sales is zero
* Financially, recognize cost and not sales.
* All sales settled in the same hour will be included in 1 set of files.

### Sample & background

* File 11114
* HEADER NET SALES IS $95.85
* LINE DETAIL SUMMARY IS ALSO $95.85
* QTY consumed is as per quantity ordered
* No SERVICE CHARGE for this set
* ALL TAKE OUT, SO NO COVER, NO TABLES
* THERE IS A DEPOSIT PAID ON THIS DAY
* Financially, recognize cost and not sales.
* All sales settled in the same hour will be included in 1 set of files.

Mapping to SAP

XML File Type: SalesTransDetails

Only the highlighted will be required from POS side.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **INT Field Name** | **SAP Field Name** | **SAP Field Data Type** | **POS Field Name** | **POS Data Type** |
| FileID |  |  | Header File ID |  |
| BusinessDate |  |  | Business Date |  |
| POSNo | Inv1.U\_POSNo  Same as outlet code  e.g. CAMK01 | String(8) | - | - |
| POSItemCode | Inv1.Itemcode | String(50) | POS Item Code | String(50) |
| Outlet | Inv1.OcrCode3  e.g. CAMK01 | String(8) | Sales Outlet | String(8) |
|  | Inv1.CogsOcrCod3  e.g. CAMK01 | String(8) |  |  |
|  | Inv1.WhsCode  e.g. CAMK01 | String (8) |  |  |
| Brand | Inv1.OcrCode  e.g. 18C | String(8) | * Copied from header file |  |
| Concept | Inv1.OcrCode2  e.g. 18C | String(8) | * Copied from header file |  |
| Market Segment | Inv1.U\_MarketSeg | String(20) | Revenue Category | String(20) |
| DeliveryMode | Inv1.Account  e.g. DINE IN | String(20) | CheckType | String(20)  Valid values:   * DINE IN * TAKE OUTS * DELIVERIES * STAFF MEAL * ENTERTAINMENT |
| ADJUSTMENT CODE | Inv1.U\_ReasonCode | String(20) | VOID / REFUND REASON CODE | String with valid values:   * WASTAGE * COMPLAINT |
| Price | Inv1.PriceBefDi | Numeric | Price | Money |
| QTY | Inv1.Quantity | Numeric | QTY | Integer |
|  | Inv1.VatGroup = Item Master default Sales Vat Group | String(8) | - | - |
| SubTotal | Inv1.LineTotal | Numeric | Subtotal | Money |
| DiscCode | Inv1.U\_DiscCode | String(5) | Not applicable | Not applicable |
| DiscAmt |  |  | Not applicable | Not applicable |
| SalesHour | Inv1.U\_SalesHour | Numeric(4) | * (copied from header) |  |
| MealPeriod | Inv1.U\_MealPeriod | Alphanumeric(20) | * (Copied from header) |  |

## Daily Collection Summary

|  |  |  |
| --- | --- | --- |
| No | Queries | Answer |
| 1 | Do you have multiple payment mode in single bill? For eg voucher and cash | Yes |
| 2 | Do the payments from POS to SAP go to clearing account or actual bank account directly? | Go to clearing account first. Amount will be transferred to actual bank account after it is cleared. |
| 3 | Is POS integrated into credit card terminal?  If yes –the statement sent back from bank does not have POS number but batch code. This batch code will the reference for bank reconciliation | No. |
| 4 | Is the daily collection file split by brand, outlet, business date?  For eg: One collection file each day for each outlet? | One file each business day for each outlet every hour.  e.g. 1000 to 1059 one file, 1100 to 1159 second file for the same outlet on the same day.  The file here is not a physical file, but a logical file. 1 physical file can contain a few sales file for several outlets for several days and meal periods. |

Sample Data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FILEID** | **Business Date** | **SALES OUTLET** |  | **POS Tender Code** | **PAYMENTAMOUNT** | **BATCHCODE**  **Not used** |
| 11109 | 20170101 | CAMK01 |  | CASH | 6.55 |  |
| 11109 | 20170101 | CAMK01 |  | VOUCHER | 40.00 |  |
| 11110 | 20170101 | CAMK01 |  | UOBVISA | 25 |  |
| 11110 | 20170101 | CAMK01 |  | NTUC POINTS | 6.8 |  |
| 11110 | 20170101 | CAMK01 |  | Deposit | 25 |  |
| 11114 | 20170102 | CBPP01 |  | Deposit | -100 |  |
| 11114 | 20170102 | CBPP01 |  | GEBIZ | 120 |  |
| 11114 | 20170102 | CBPP01 |  | VISA | 82.56 |  |

### Sample & background

* File 11109
* HEADER NET SALES IS $37.8
* LINE DETAIL SUMMARY IS ALSO $37.8
* PAYMENT TENDER WITH PAYMENT AMOUNT <> 0
* File 11110
* HEADER GROSS IS $56.8
* PAYMENT TENDER WITH PAYMENT AMOUNT $56.8
* PARTIAL PAYMENT FROM DEPOSIT PAID BEFORE
* File 11114
* HEADER GROSS SALES IS $102.56
* PAYMENT TENDER WITH $202.56
* DEPOSIT COLLECTED IS $100

Mapping to SAP

XML File Type: Collection Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **INT DB Field Name** | **SAP Field Name** | **SAP Field Data Type** | **POS Field Name** | **POS Data Type** |
| FILEID |  |  | FILEID |  |
| Outlet | ORCT.U\_WHSCode  e.g. CBPP01 | String(8) | Sales Outlet | String(8) |
| POSNo | ORCT.U\_POSNo  e.g. CBPP01 | String(8) | - |  |
|  | RCT3.CrCardNum | String(8) | - |  |
| BusinessDate | ORCT.DocDate | DateTime | Business Date | Datetime |
| PaymentCode | @Tender.U\_TenderCode (Convert to RCT3.CreditCard) | String(3) | POS Tender Code | String(20) |
| PaymentAmt | RCT3.CreditSum | Numeric | Payment Amount | Money |
|  | ORCT.Project = Walk-In | String(50) | - |  |
| BatchCode | RCT3.VoucherNum | String(20) |  |  |

# Prerequisite

Prerequisites:

1. The “Total Gross Amount” of the Daily Sales Summary by outlet ~~and POS Number~~ equals to the Total Payment Amount of the Payment Transaction summary by outlet ~~and POS number~~. Each Outlet and POS that has tender collection will have a sales summary for each concluded business day.
2. Sales will be created as AR Reserved Invoice in SAP. Next day, AR Reserved Invoice will be copied to Delivery Order to cut stock and recognize COGS (posted to the same day as the sales).
3. All promotions and discounts will be sent as 1 total discount line.
4. Sales Transaction summary will be grouped by Item Code and Discount/Promotion Code. For eg: If there are 2 x Jasmine Tea and 3 x Jasmine Tea in separate transaction, they will appear as 5 x Jasmine Tea in POS file unless the delivery mode (dine in or take out) is different.
5. No credit note handling is required. If the bill is void, the transaction will not exist in the POS file for integration.
6. If the bill is cancelled only after it is settled in POS, manual adjustment will be done manually in SAP to cancel the incoming payment and invoice.
7. The sales are settled immediately. The hourly sales are by the settlement time not ordering time. For example, customer walk-in, place order at 1059am, then paid at 1105am. This sales is considered 1100 sales.
8. All prices sent to SAP are prices before Tax and service charges.
9. Tax applied is consistent for that item for all sales in the same entity. For example GST is applied to ALL items in SG entities.

Assumptions:

1. The payment and invoice amount for each POS at each outlet tallies.

# Customized Logic:

## Assign Dimension 1 & 2 for every line in Sales Invoice Transaction

1. Set OcrCode & COGSOcrCod = By Brand: 18Chef, Chinese Brand
2. Set OcrCode2 & COGSOcrCod2 = By Concept: Original, Signature, Express
3. Set OcrCode3 & COGSOcrCod3 = By Outlet: CFAMK01, HQ, etc

## Warehouse and Bin location

* Warehouse code is always the outlet and 1 single bin location that is always the default system bin.

## Data assignment for Payment Transaction

* Creating incoming payment
* Payment means is always under the credit card screen.
* Credit Card Name will be obtained from Payment Mode table (Code will be available in Integration SAP\_POS\_PAYMENT Table)
* Validity Date is always 12/9999
* BatchCode in the following 2 points refers to the Credit Card Terminal number that is linked to the POS machines
* If BatchCode is not given in POS file, voucher = Outlet-DATE-SalesHour

(For eg: 18CAMK01-26032017-1100)

* ~~If BatchCode is given in POS file, voucher = BatchCode~~
* Credit card number is always the Sales hour.
* Payment will go to clearing account based on the clearing account credit card – setup in SAP

## Data assignment for Sales Transaction

* Customer Ref No. of the invoice is Outlet-DATE-SalesHour

## Sales Transaction with Sales BOM

Parent Chicken Chop (COGS Acct = some account)

* Child 1 Salad (COGS Acct = Vegetable)
* Child 2 Chicken (COGS Acct = Poultry)

# Acknowledgement

By signing this page, **EIGHTEENCHEFS PTE LTD** acknowledges that this document accurately represents the requirement of **EIGHTEENCHEFS PTE LTD** and that this document is the base for the POS integration.

|  |  |  |
| --- | --- | --- |
| **Definition** | **Name** | **Signature and Date** |
| Client Project Sponsor |  |  |
| Client Project Manger |  |  |
| Finance Department |  |  |
| Sales Department |  |  |

For and on behalf of Confirmed and Agreed by:

**Abeo International Pte Ltd EIGHTEENCHEFS PTE LTD**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Authorized Signature & Company Stamp Authorized Signature & Company Stamp

Name: Yin Hui Name:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title: Project Manager Title: Project Manager

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: Date:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_