**Interfacing requirements of ECom portal and SAP B1**

**For**

**Stories**

Version 1.1

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Author | Reviewer | Date | Affected Pages |
| **V 1.0** | **Avinash R (MIPL)** | **Tamizharasi. S (MIPL)** | **13-06-2019** | **All** |
| **V 1.1** | **Avinash R (MIPL)** | **Tamizharasi. S (MIPL)** | **15-06-2019** | **All** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Release History**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Released to | Reviewer | Date |
| **V 1.0** | **Stories** | **Fawas Rasheed** | **13-06-2019** |
| **V 1.0** | **Ecom** | **Abilash** | **13-06-2019** |
| **V 1.1** | **Stories** | **Fawas Rasheed** | **15-06-2019** |
| **V 1.1** | **Ecom** | **Abilash** | **15-06-2019** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# **Finalized touch points for the integration – ECom**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SNO** | **Transaction** | **Details** | **Provider** | **Consumer** | **Status** | **Business Scenario** |
| 1 | Outbound | Item Master Data | SAP | ECOM | Active | Product details |
| 2 | Outbound | Warehouse master | SAP | ECOM | Active | Warehouse updation |
| 3 | Outbound | Warehouse Stock | SAP | ECOM | Active | Stock availablity |
| 4 | Outbound | Price List | SAP | ECOM | Active | Price updation ,Checking |
| 5 | Outbound | Tax Code Master | SAP | ECOM | Active |  |
| 6 | Outbound | Item Location Mapping | SAP | ECOM | Active | Item Location Mapping |
| 7 | Inbound | Sales Order with Payment | ECOM | SAP | Active | Billing Process |

# **Field details of the ECOM integration**

**2.1 Out bound Masters from SAP**

### 2.1.1 Item Master Data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DB Field** | **Description** | **Mandatory** | **Type** | **Size** |
| ItemCode | Item Code | Y | NVARCHAR | 50 |
| ItemName | Item Name | Y | NVARCHAR | 100 |
| ItemPrice | ItemPrice | Y | Decimal | 21,2 |
| ItemMaterial | ItemMaterial | Y | SMALLINT |  |
| ItemColor | ItemColor | Y | NVARCHAR | 50 |
| ItemDimention(WxLxDxHxSH) | ItemDimention | Y |  |  |
| ItemQty | ItemQuantity | Y | Decimal | 21,2 |
| ItemAvailable locations | ItemAvailable locations | Y |  |  |
| ItemAssembly | ItemAssembly | Y | NVARCHAR | 255 |
| ItemWarranty | ItemWarranty | Y | NVARCHAR | 255 |
| ItemCategory | ItemCategory | Y | NVARCHAR | 1 |
| ItemSub Category | ItemSub Category | Y | NVARCHAR | 50 |
| ItemSeating Capacity | ItemSeating Capacity | Y | NVARCHAR | 255 |
| ItemWeight | ItemWeight | Y | NVARCHAR | 255 |
| Relative Products | Relative Products |  | NVARCHAR | 255 |
| ItemInformation | ItemInformation |  | NVARCHAR | 255 |
| TaxRate | Tax Rate | Y | Decimal | 21,2 |

### 2.1.2 Warehouse Master

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DB Field** | **Description** | **Mandatory** | **Type** | **Size** |
| WhsCode | Warehouse Code | Y | NVARCHAR | 8 |
| WhsName | Warehouse Name | Y | NVARCHAR | 100 |

### 2.1.3 Warehouse Stock

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DB Field** | **Description** | **Mandatory** | **Type** | **Size** |
| WhsCode | WhsCode | y | NVARCHAR | 8 |
| WhsName | WhsName | y | NVARCHAR | 100 |
| ItemCode | ItemCode | y | NVARCHAR | 50 |
| ItemName | ItemName | y | NVARCHAR | 100 |
| ItemStock | ItemStock | y | Decimal | 21,2 |

### 2.1.4 Tax Master

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DB Field** | **Description** | **Mandatory** | **Type** | **Size** |
| TaxCode | TaxCode | y | NVARCHAR | 8 |
| Tax Name | Tax Name | y | NVARCHAR | 100 |
| Tax Rate | Tax Rate | y | Decimal | 21,2 |

### 2.1.4 Sales Order

**Header Level fields**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Name** | **Mandatory** | **Type** | **Size** | **Remarks** |
| OrderID | Order Id |  | Varchar | 20 |  |
| OrderDate | order date | Y | Date |  |  |
| CustomerName | Customer name | Y | Varchar | 100 |  |
| CustomerAddress | Customer Address | Y | Varchar | 254 |  |
| CustomerMail | Customer Mail | Y | Varchar | 100 |  |
| Customer Phone Number | Customer Phone Number | Y | Varchar | 15 |  |
| Customer Shipping Address | Customer Shipping Address | Y | Varchar | 254 |  |
| Currency | Currency | Y | Varchar | 3 | INR/USD |
| Shipping Charge | Shipping Charge | Y |  |  |  |
| BillValue | Bill Value | Y | Decimal | 21,2 |  |
| RoundOff | Round off Value | Y | Decimal | 1,2 |  |
| TotalPayment | Total Payment | Y | Decimal | 21,2 |  |
| PaymentMode | Payment Mode | Y | Varchar | 5 | NB – NetBanking; DC- Debit/Credit Card |
| PaymentRef | Voucher Number | Y | Varchar | 20 |  |
| CardNo | Card Number | Y | Decimal | 4 | Last four digits |
| CardName | CardName | Y | Varchar | 20 |  |
| ValidUntil | ValidUntil | Y | Varchar | 5 | MM/YY |

**Line Level fields**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DB Field** | **Description** | **Mandatory** | **Type** | **Size** |
| OrderID | OrderID | Y | Varchar | 20 |
| ProductCode | Product Code | Y | Varchar | 50 |
| ProductName | Product Name | Y | Varchar | 100 |
| Quantity | Quantity | Y | Decimal | 21,2 |
| ItemPrice | Item price | Y | Decimal | 21,2 |
| TaxCode | Tax Code | Y | Varchar | 8 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Accepted by** | | | | |
| **Project Manager, Customer (Stories)** | | | | |
| **Yes** | **No** | Fawas Rasheed  Project Manager | | |
| ***Name*** | ***Signature*** | ***Date*** |
| **Project Manager, Consulting (ECom)** | | | | |
| **Yes** | **No** | Abilash | | |
| Project Manager | | |
| ***Name*** | ***Signature*** | ***Date*** |
| **Project Manager, Consulting (Mukesh Infoserve Private Ltd)** | | | | |
| **Yes** | **No** | Rajesh N | | |
| Project Manager | | |
| ***Name*** | ***Signature*** | ***Date*** |