**Business Process Flow**

**Date:** 26-03-2017

**Scope**

To automate D-Mart order tracking and notification flow. Using SMS alerts and report extraction.

**Master Information**

1. D-Mart Stores
2. Products
3. Department contact details for notification

**General Process**

* **Receive Order** Order is received from D-Marts via email/call.
* **In Progress Order** Order details will be input in the application.
  + Example: MAKARPURA ordered for 100 MOG, 50 GOLD on the 1st June 2016. This detail will be added in the software by the admin. Along with any additional remarks(optional).
  + As soon as the detail is added and confirmed. It will trigger SMS/Email notification to a group(Group email/phone numbers will be provided). Order status will be set as “**IN PROGRESS**”
* **Completed Order** 
  + Once the product is ready and delivered, a notification via SMS/Email will be send to the group. Along with that, an email will be sent to the concern client. No SMS will be send to the client.
  + Order status will be changed to delivered with remarks(optional)

**Section 1. - Order workflow**

**I. Order Punching**

**FLOW**

1. New order will show all the zones
2. Zone selection will list all the stores and the date of last order. If the last order date is 7 days back, show it in red colour.
3. Store is selected from the list.
4. Every new order is punched store wise.
5. To punch an order, store view will be used.
6. Store view will contain
   1. Store Name
   2. List of all the products with Price
   3. Quantity input for each product
   4. PO received on email boolean
   5. Po number
   6. Delivery Date
   7. Calculated order subtotal.
   8. Additional remark for the order.
   9. Confirm order Button.
7. As soon as order is confirmed, Email and SMS will be triggered.
8. Order state - IN\_PROGRESS.

**Cases**

1. List all the products from the product table.
2. Order sub-total will be calculated based on the quantity and price.
3. PO number can be empty here.
4. isPoReceivedOnEmail Boolean default value will be false.
5. Order detail sms as well as email will be sent to User group.

**II. Order Complete**

1. Order is opened from dashboard./Customer Orders
2. PO number is added in case not previously added.
3. Order status is changed to COMPLETE.
4. Email is sent to store email contact as per the database.
5. SMS/Email receipt is sent to the User Group.

**Cases**

1. PO number is mandatory at this step.
2. Order can not be marked as complete in case PO number is not present.

**Section 2. - Views**

**I. Header**

1. Menu dropdown- Zones, Stores, Orders
2. Name/Logo
3. New Order button

**II. Dashboard**

1. Dashboard will show list of all the IN\_PROGRESS orders(Ascending sort on delivery date by default). With following columns
   1. Stormee na- Linked with store details
   2. Subtotal
   3. Delivery Date(Ascending sorted by default)
2. List of top 5 stores where last order was more than a week back.
   1. Descending sort on lastOrderDate

**III. Zone**

Stores are divided into zones. Concept of zone is to monitor and evaluate order frequency region wise. Following are the details of the zone view.

Default-Table of all the zones.

* 1. Zone name(sortable) and linked with zone detail view.
  2. Count of Total stores under each zone(sortable)
  3. Total sale (in ruppees) based on the date range by default current month
  4. Filters
     1. Add month selector above the zone table. Show only current year months. Like Jan 2017, Feb 2017… Dec 2017.
     2. Add a date range selector. From Date: - To date
  5. On click of Zone name take to the store list view.

**IV. Store**

Store is the actual buyer of the product. Spread across zones.

1. Default- Table of all the stores
   1. Store name
   2. Week 1(Comma seperated subtotal of all the orders for the current week of the month)
   3. Week 2
   4. Week 3
   5. Week 4
   6. Week 5
   7. Add Month filter on top of the table
   8. Store name will take you to the store detail page
2. Store detail(Page)
   1. Store name
   2. Zone name
   3. Contact person name 1
   4. Contact Person 2
   5. Phone numbers
   6. Email
   7. Order table for the store(current month)
      1. Order Id
      2. Products(List all the products short name) plus quantity
      3. Order Total price
      4. PO number
      5. Order status

V. Order view

1. Order Table view
   1. Order id
   2. Order total
   3. Order products(Comma list)
   4. Order Status
   5. Filters:
      1. Order status
      2. Store
      3. Month

2. Order detail view

Same as the one used while creating order.