

# **Order Management System ver 2.0**



## **Requirement Specification Document**

17-Mar-2017



Brilliant Info System Pvt. Ltd.

## Contents

<b>1.INTRODUCTION-----</b>	<b>4</b>
1.1 DOCUMENT PURPOSE .....	4
1.2 INTENDED AUDIENCE .....	4
<b>2. REQUIREMENT-----</b>	<b>5</b>
2.1 REQUIREMENT OVERVIEW .....	5
2.1.2 ONLINE STORE INTEGRATION .....	6
2.1.2 HOME DELIVERY / DISTRIBUTION REQUIREMENT .....	7
2.1.3 PAYMENT METHOD ( REQUIREMENT REFERENCE No # 2.20 , # 2.21 ) .....	7
2.1.4 SYSTEM ADMIN INTERFACE ( SYSTEM MANAGEMENT).....	12
2.1.5 ORDER MANAGEMENT INTERFACE .....	12
2.1.6 WORK / APPROVAL FLOW FOR ALL CHANNELS WITH THE EXCEPTION OF ORDERS THROUGH THE FORECASTING SYSTEM .....	14
2.1.7 INTEGRATION (OM&FS, 3PL WMS, VODAFONE POS) .....	14
2.1.8 REPORTING.....	14
2.2 IN SCOPE .....	15
2.3 OUT OF SCOPE .....	18
2.4. ASSUMPTION .....	19
<b>3. PROPOSED SYSTEM ARCHITECTURE-----</b>	<b>21</b>
3.1 SYSTEM ARCHITECTURE .....	21
<b>4. ORDER MANAGEMENT SYSTEM-----</b>	<b>22</b>
4.1 USER FUNCTIONALITY .....	22
<b>5.GUI-----</b>	<b>27</b>
5.1 DEPARTMENT SETUP .....	28
5.2 CUSTOMER MANAGEMENT .....	32
5.3 USER MANAGEMENT.....	34
5.4 SKU MANAGEMENT.....	38
5.5 IMAGE IMPORT PRICE.....	39
5.6 UTILITY .....	43
5.7 TRANSACTION.....	47
5.8 DIRECT ORDER .....	49
5.9 CUSTOMIZED ORDER NUMBER.....	51
5.10 ORDER CANCELLATION .....	53
5.11 DISPATCH- ALLOCATE DRIVER .....	54
5.12 DELIVERY REPORT .....	57
5.13 SLA REPORT .....	58
5.14 REQUESTED VS ACTUAL DELIVERY REPORT .....	59
5.15 API INTERFACE .....	60

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

<b>5.16 OMS APPS .....</b>	<b>64</b>
<b>5.17 ONLINE DELIVERY MOBILE APPLICATION .....</b>	<b>69</b>

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

## 1.Introduction

### 1.1 Document Purpose

The purpose of this document is the Requirement specification document for GWC Order Management System ver 2.0. .

### 1.2 Intended Audience

The main intended audience for this document is business owners of the proposed system. This document should help the business owners to verify that the expected business requirements are documented with correct understanding and is accurate and unambiguous.

## 2. Requirement

### 2.1 Requirement Overview

Integration of Online Store & Delivery / Distribution management functionality with Order Management System for following requirement

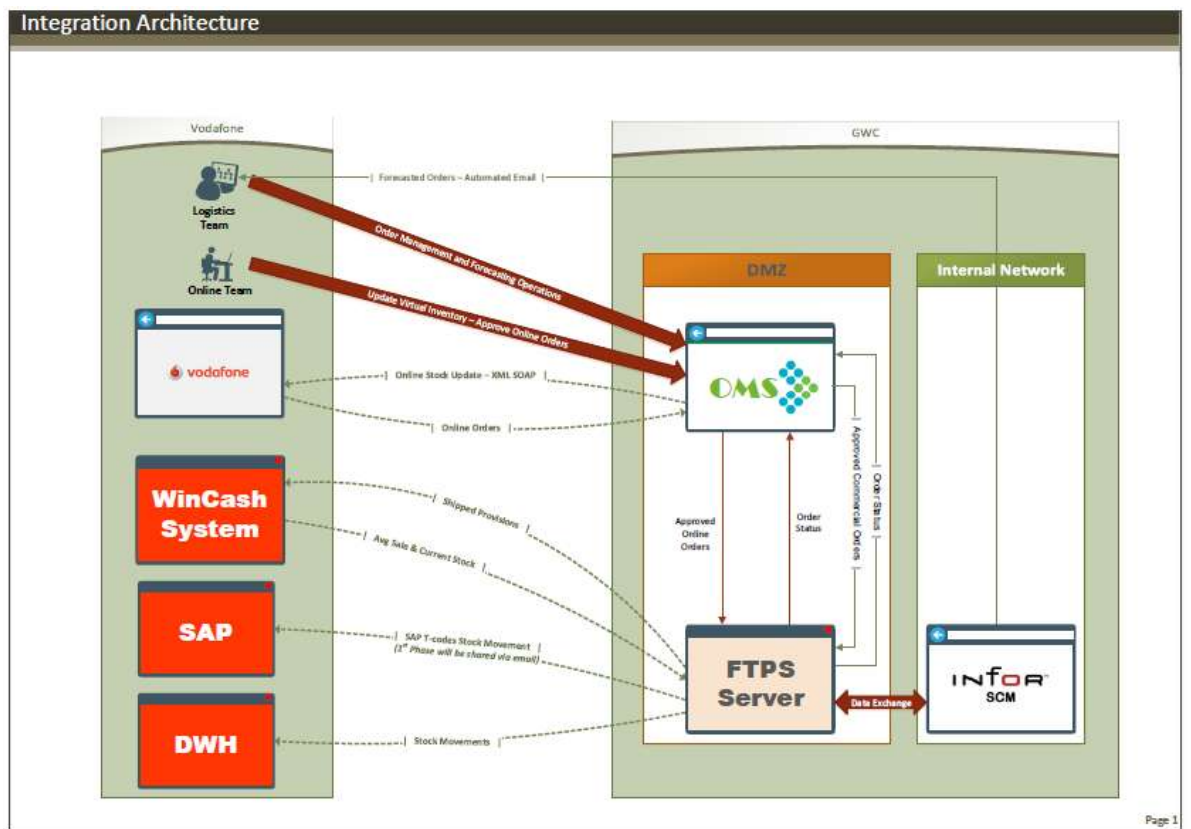


Fig 2.1 Integration Architecture

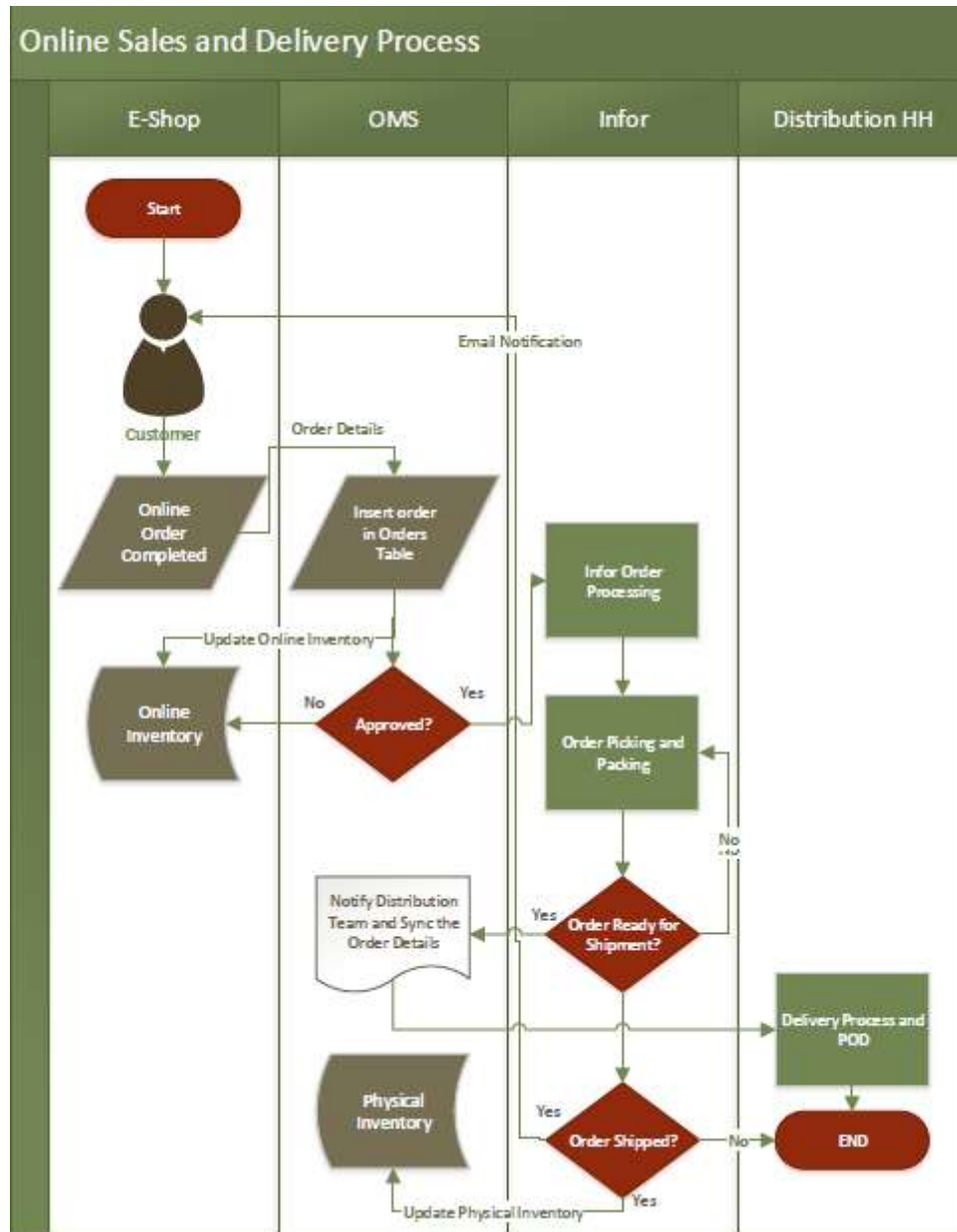




Fig 2.2 Sales & Distribution Work Flow

## 2.1.2 Online Store integration

- ✚ OMS should be able to accept the order details from Vodafone.qa online store, and instantly reserve the procured stock (accordingly, current online inventory shall be decreased).

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

- ✦ Once Vodafone team approves an order, this order shall be transferred to Infor for further processing.
- ✦ Once the order is ready to be shipped, Infor will inform OMS to inform the delivery dispatcher for allocating drivers/trucks
- ✦ If the order is rejected, the reserved quantity shall be released instantly. (Accordingly, the current online inventory shall be increased).
- ✦ Vodafone team should be able to access OMS and add Virtual Inventory for the sake of accepting Pre-Orders.
- ✦ The Integration between OMS and Vodafone online store is SOAP XML Web-services.

## 2.1.2 Home Delivery / Distribution Requirement

- ✦ The courier should have handheld devices (mostly Android OS) to track the deliveries/ packages and access the Order details.
- ✦ The courier should update the delivery status from his handheld device, which in turn update the OMS application for real-time status tracking.
- ✦ The courier should take the snap of Qatari ID/Passport of home delivery for verification purposes and the same get uploaded automatically to OMS server.
- ✦ The courier should verify the physical credit card for online orders, which was used to place the order on Vodafone Qatar's web site.
- ✦ Courier should be able to receive cash payments on behalf of Vodafone Qatar for cash on delivery (COD) orders and deposit the amount collected in the Vodafone Qatar account end of each week (every Sunday & last working day of the month).

## 2.1.3 Payment Method ( Requirement Reference No # 2.20 , # 2.21 )

2.20 User can change the "Charge to User Group" to "Charge to Cost Centre", by default all orders for all user groups will be "Charge to User Group"

2.21 If user selects "Charge to Cost Centre" the cost centre number (Vodafone defined unique alphanumeric code) must be entered by the user, which is mandatory

Tenant Settings (Additions)

Cost Center Maintenance

Cost Center:

Cost Centers

QA105652 | Finance  
 QA105653 | HR  
 QA105654 | Sales

Payment Method Maintenance

Payment Method:

Payment Method

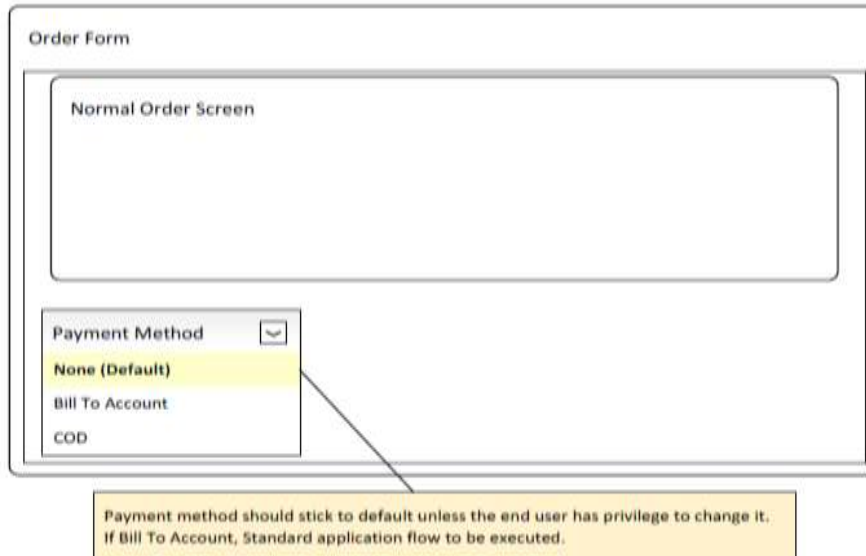
None (Default)  
 Bill To Account  
 COD

User Permissions (Additions)

☒ The user can change the Payment Method.

Fig 2.4.1 Tenant Setting for Payment Method

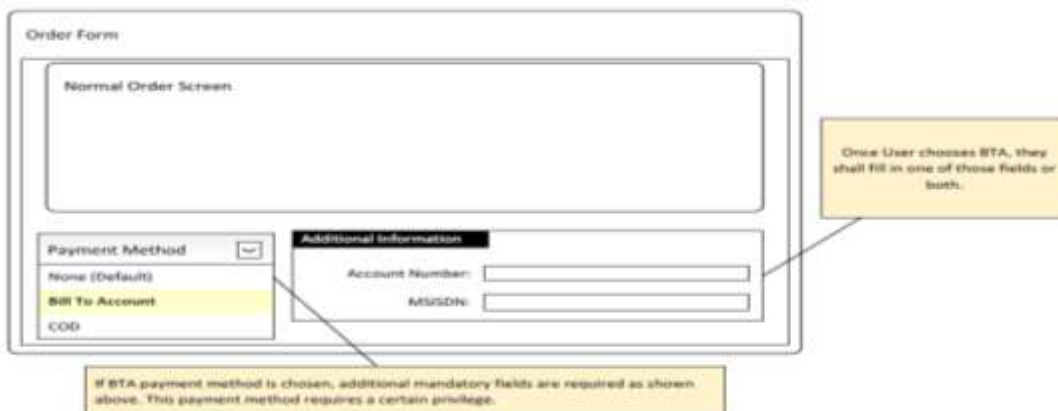
Admin will be able to Create Payment Method and able to enable payment method for Department



The diagram shows a window titled "Order Form" containing a "Normal Order Screen" area. Below this is a "Payment Method" dropdown menu with three options: "None (Default)" (highlighted in yellow), "Bill To Account", and "COD". A callout box points to the dropdown with the text: "Payment method should stick to default unless the end user has privilege to change it. If Bill To Account, Standard application flow to be executed."

Fig 2.4.2 Order Form with Payment Method Option

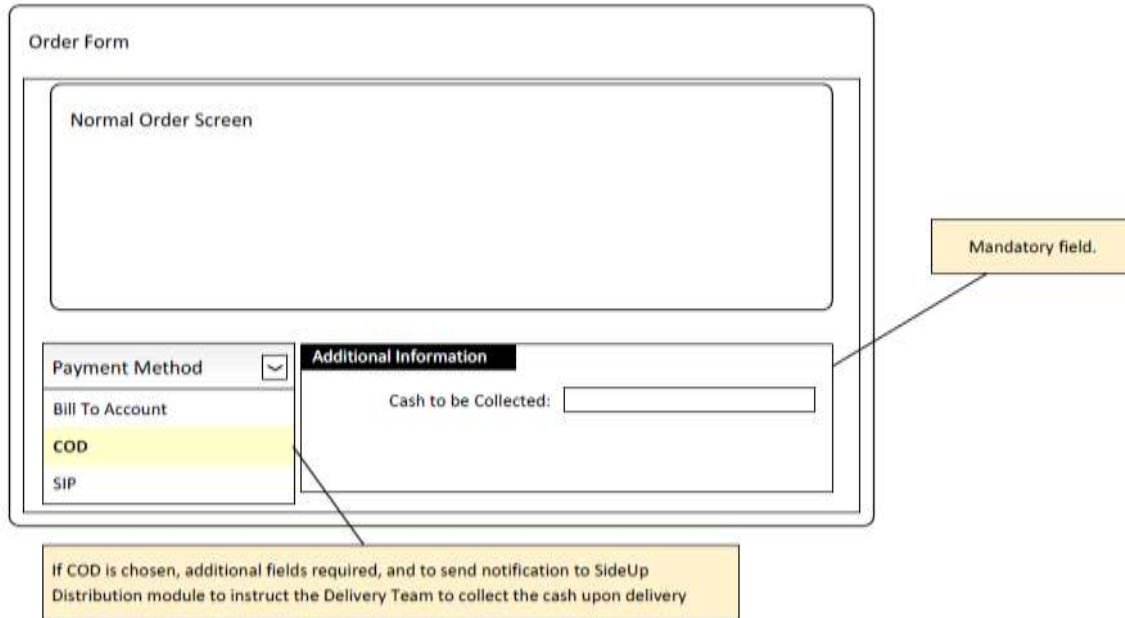
By Default payment method will be none



The diagram shows the "Order Form" window with the "Payment Method" dropdown set to "Bill To Account" (highlighted in yellow). To the right of the dropdown is an "Additional Information" section with two input fields: "Account Number:" and "MSIDN:". A callout box points to these fields with the text: "Once User chooses BTA, they shall fill in one of those fields or both." Another callout box at the bottom states: "If BTA payment method is chosen, additional mandatory fields are required as shown above. This payment method requires a certain privilege."

Fig 2.4.3 Order Form with Bill to Account Method

System will allow payment method option as Bill to Account , With Bill to Account it will prompt User to enter the Account no and or MSIDN details



The diagram shows an 'Order Form' window. Inside, there is a 'Normal Order Screen' area at the top. Below it, on the left, is a 'Payment Method' dropdown menu with options: 'Bill To Account', 'COD' (highlighted in yellow), and 'SIP'. To the right of this menu is an 'Additional Information' section. Within this section, there is a label 'Cash to be Collected:' followed by a text input field. A yellow callout box labeled 'Mandatory field.' points to this input field. Another yellow callout box at the bottom of the form states: 'If COD is chosen, additional fields required, and to send notification to SideUp Distribution module to instruct the Delivery Team to collect the cash upon delivery'.

Fig 2.4.2 Order Form with Cash on Delivery Payment Method

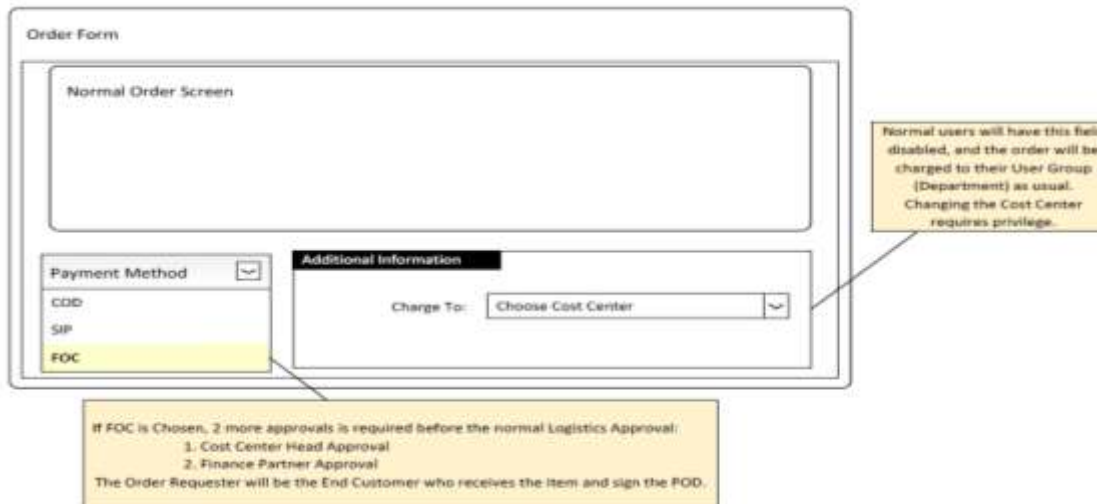
System will allow payment method as Cash on Delivery, it will prompt User to enter the Cash on Delivery Amount



The diagram shows the same 'Order Form' window. In this instance, the 'Payment Method' dropdown menu has 'SIP' highlighted in yellow. The 'Additional Information' section and the 'Cash to be Collected:' input field are still present. A yellow callout box labeled 'Mandatory Field.' points to this input field. A yellow callout box at the bottom of the form states: 'If SIP is chosen, additional fields required, and to send notification to SideUp Distribution module to instruct the Delivery Team to collect the 1<sup>st</sup> installment cash upon delivery.'

Fig 2.4.3 Order Form with SIP Payment Method

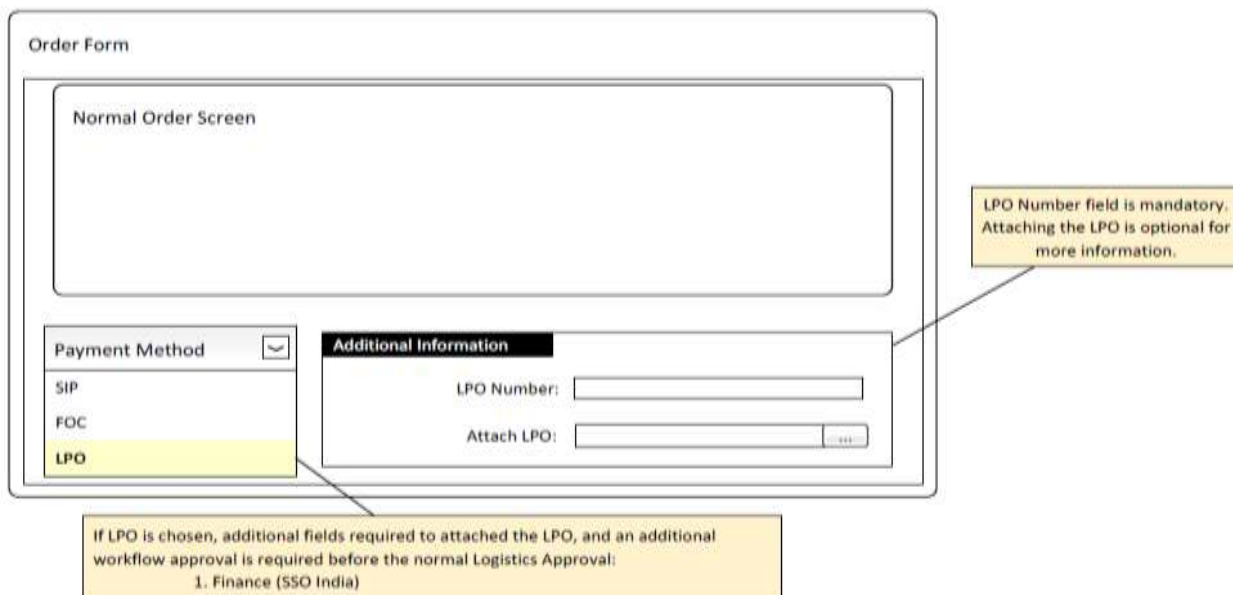
System will allow payment method as Cash on Delivery with First Installment; it will prompt User to enter the First Installment Amount



The diagram shows an 'Order Form' interface. It contains a 'Normal Order Screen' at the top. Below it, there is a 'Payment Method' dropdown menu with options: CDD, SIP, and FOC (highlighted in yellow). To the right of the dropdown is an 'Additional Information' section. Inside this section, there is a 'Charge To:' label followed by a 'Choose Cost Center' dropdown menu. A callout box points to this dropdown menu with the text: 'Normal users will have this field disabled, and the order will be charged to their User Group (Department) as usual. Changing the Cost Center requires privilege.' Another callout box points to the 'FOC' option in the 'Payment Method' dropdown with the text: 'If FOC is Chosen, 2 more approvals is required before the normal Logistics Approval: 1. Cost Center Head Approval 2. Finance Partner Approval. The Order Requester will be the End Customer who receives the item and sign the POD.'

Fig 2.4.4 Order Form with FOC – Cost Center Payment Method

System will allow payment method as FOC; it will prompt User to Select cost center, upon cost center selection One more financial Approver will get added to Approver list



The diagram shows an 'Order Form' interface. It contains a 'Normal Order Screen' at the top. Below it, there is a 'Payment Method' dropdown menu with options: SIP, FOC, and LPO (highlighted in yellow). To the right of the dropdown is an 'Additional Information' section. Inside this section, there are two fields: 'LPO Number:' followed by a text input field, and 'Attach LPO:' followed by a text input field and a button. A callout box points to the 'LPO Number' field with the text: 'LPO Number field is mandatory. Attaching the LPO is optional for more information.' Another callout box points to the 'LPO' option in the 'Payment Method' dropdown with the text: 'If LPO is chosen, additional fields required to attached the LPO, and an additional workflow approval is required before the normal Logistics Approval: 1. Finance (SSO India)'.

Fig 2.4.5 Order Form with LPO – Local Purchase Order Payment Method

System will allow payment method as LOP; it will prompt User to enter the Purchase Order Number and attached the LPO document

## 2.1.4 System Admin interface ( System Management)

Req	Description
1.1	Admin will be able to add / edit / in-activate Stock Keeping Unit (SKU) code(s)
1.2	Admin will be able to add / edit Minimum Order Quantity (MOQ) for a SKU
1.3	By default all SKU codes will be allocated to all user group
1.4	Admin will be able to add / edit / deactivate user group(s), user login(s) and their access rights (roles)
1.5	Admin will be able to reset the passwords for users
1.6	System will maintain a database of Location IDs (Vodafone defined unique numeric code for each Location), Location Names, Delivery Address, Contact Person Name, Contact Person Mobile Number and Contact Person Email Address
1.7	Admin will be able to activate / deactivate Location IDs
1.8	Admin will be able to activate / deactivate user group for each SKU code
1.9	Admin will be able to allocate available quantity for a SKU(s) between different user group(s) or upload an Excel file as per predefined format
1.10	System will capture the price for a SKU code(s) for a relevant user group(s)
1.11	Admin will be able to upload a file into the system which will update pricing for all SKU codes against each user group
1.12	Admin will be able to change the price for a SKU code(s) for a user group(s) thru' searching for a SKU code(s) and user group(s)
1.13	Admin will be able to view order statuses and sub-order statuses
1.14	Admin will be able to override the available quantity of any SKU Code against any user group(s) to prepare for pre-launch orders
1.15	System will automatically trigger an e-mail to the 3PL (Third Party Logistics provider) to create new SKU Codes, SAP Materials or New Location IDs in 3PL WMS when Vodafone admin defines any new SKU Codes, Location IDs in the system

## 2.1.5 Order Management Interface

Req	Description
2.1	System will generate a <b>unique automatic order reference</b> number for each order
2.2	System will capture the <b>3PL WMS order reference</b> number once order is created by the 3PL
2.3	System will capture the <b>system date</b> automatically as the ordering date
2.4	User will be able to request a <b>delivery date</b> selecting from a drop down calendar, restricted as per agreed SLA(s), maximum number of days
2.5	System will automatically capture the <b>user details</b> from the user login and user group against each order
2.6	System will demand the user to enter " <b>Order Requestor</b> " details (name and mobile number) which is mandatory at the time of order placement
2.7	System will demand the user to select a " <b>Location ID</b> " from a drop down list at the time of order placement
2.8	System will <b>auto populate</b> the Delivery Address, Contact Person Name, Contact Person Mobile Number and Contact Person Email Address after the user selects a Location ID at the time of order

	placement
2.9	System will provide capability to <b>edit</b> Delivery Address, Contact Person Name, Contact Person Mobile Number and Contact Person Email Address at the time of order placement
2.10	System will provide <b>search</b> functionality based on SKU code & description
2.11	System will integrate with 3PL WMS to <b>display all available quantity</b> for all "Active" SKUs within the 3PL warehouse to all user groups
2.12	User will be able to enter the <b>required quantity</b> for each SKU code as per their allocated quantity
2.13	System will <b>restrict order quantity</b> based on multiples of MOQ and availability for each SKU code
2.14	By default the system is to display the <b>existing defined system price</b> for each SKU code and user group at the time of order placement by a user
2.15	User groups will be able to <b>edit pricing</b> for a SKU code(s) at the time of order placement
2.16	If the price is edited order must go to <b>Finance for approval</b>
2.17	System will calculate the <b>total amount in Qatari Riyals (QAR)</b> for each line item (Ordered Quantity multiplied by Unit Price for each SKU code)
2.18	System will calculate the <b>grand total amount in QAR</b> for the entire order (Sum of total amounts)
2.19	System will calculate the <b>sum of all ordered quantities</b> for the entire order (Sum of total quantities)
2.20	User can <b>change the "Charge to User Group"</b> to "Charge to Cost Centre", by default all orders for all user groups will be "Charge to User Group"
2.21	If user selects " <b>Charge to Cost Centre</b> " the cost centre number (Vodafone defined unique alphanumeric code) must be entered by the user, which is mandatory
2.22	System will <b>display fields</b> in the order interface based on user login(s) belonging to a user group
2.23	For a specific user group the system will <b>display additional fields</b> (Company Name, Account Number, Sample MSISDN, Payment Mode (Cash, Bill to Account / Cheque, LPO (Local Purchase Order), FOC (Free of Cost)) at the time of order placement
2.24	System will provide ability to capture user <b>comments</b> for any type of <b>special instructions</b> at the time of order placement
2.25	System will provide ability to <b>attach a file / email</b> at the time of order placement
2.26	System will provide ability to <b>submit orders</b>
2.27	Submitted orders will go thru' a <b>predefined work flow(s) / approval process(es)</b> before submission to a 3PL WMS
2.28	System will provide ability to <b>save orders prior to submission</b> with no inventory reserved
2.29	System will provide ability to <b>retrieve saved orders</b> at which time available inventory will be refreshed
2.30	System will provide ability to <b>cancel orders</b> before submission and automatically after x days all the saved orders will be cancelled automatically
2.31	System will provide ability to <b>search, replicate and edit a past order Template</b> with refreshed available inventory and prices
2.32	System will provide <b>order status</b> ; Saved, (plus 3PL order statuses - e.g., In-process with 3PL, Delivered, Cancellation)
2.33	System will provide <b>sub-order status</b> ; E.g., Not Applicable, Bill to Account / Cheque, LPO (Local Purchase Order), FOC (Free of Cost)
2.34	System will provide ability to <b>export an order(s) into a predefined Excel format to be sen to 3pl manually as part of contingency</b>
2.36	System will generate an <b>email notification to defined users if a submitted order is not approved within agreed time frame</b>
2.37	System to allow end user to place the <b>orders for non-inventory items</b> (E.g., Collaterals, Temp Stock)
2.38	System will check available inventory in a specific location within Vodafone POS and trigger an alert to Vodafone admin for approval. Once approved another alert will be trigged to the 3PL to <b>collect and book the inventory in the warehouse location as instructed by Vodafone admin.</b>

## 2.1.6 Work / Approval Flow for all channels with the exception of orders through the Forecasting system

Req	Description
4.1	Admin will be able to <b>add / edit / remove (approval) workflows</b> for submitted orders (refer to 'Work-Approval Flow' sheet)
4.2	Admin will be able to <b>assign a workflow</b> to each user group
4.3	System will auto generate an <b>email notification</b> to a user group in a workflow for approval / rejection of an order
4.4	Admin will be able to <b>activate / deactivate email notification</b> for a user group(s) assigned in a workflow
4.5	System will auto generate an <b>email notification</b> to the requester / former approver(s) when an order is approved / rejected. In case of <b>Rejected</b> the approver must either select a <b>reason</b> from the dropdown list and as an option can <b>enter comments</b> in a free text box.
4.6	Admin will be able to <b>add / edit / remove user(s) for an email notification</b> (Content of email notification to be defined in Design Phase)
4.7	Admin will be able to <b>add / edit / remove Rejected reasons</b> from the Rejected reasons table
4.8	Users will be able to <b>mark an activity(ies) completed or not</b> . In case of not completed the user must enter comments in a free text box.
4.9	User will be able to see the QTY,amount, Requester details and delivery details including total order Amount (IN QAR)

## 2.1.7 Integration (OM&FS, 3PL WMS, Vodafone POS)

Req	Description
5.1	System will integrate with <b>3PL WMS</b> for stock availability, order states, order reconciliation(s) and Proof of Delivery (POD)
5.2	System will integrate with <b>Vodafone POS</b> for stock availability, stock issuance and order reconciliation
5.3	System will generate a <b>file with order details</b> for all orders created for Vodafone Direct Channel as per the format accepted by Vodafone POS. Trigger for sending this file will be orders submitted for delivery.
5.4	At the time of order delivery the user will be able to <b>record payment mode and amount collected</b> in the system.

## 2.1.8 Reporting



Req	Description
-----	-------------

6.1	Admin will be able to generate a report for <b>available inventory for each SKU code in 3PL warehouse</b> (Report fields and filters will be defined in Design Phase)
6.2	Users with access rights as defined by Vodafone Admin, will be able to generate a report for <b>allocated inventory for each SKU code to each user group</b> (Report fields and filters will be defined in Design Phase - reference requirement 1.9)
6.3	Users with access rights as defined by Admin, will be able to generate a <b>report for available inventory</b> for each SKU code in <b>Vodafone POS</b> (Report fields and filters will be defined in Design Phase)
6.4	Admin will be able to generate a report for <b>all orders generated</b> (Report fields and filters will be defined in Design Phase)
6.5	Users with access rights as defined by Admin, will be able to generate a report for <b>all orders generated for their respective user group</b> only (Report fields and filters will be defined in Design Phase)
6.6	User with access rights as defined by Admin, will be able to generate a report for <b>all orders generated under their user login</b> only (Report fields and filters will be defined in Design Phase)
6.7	Admin will be able to generate a <b>Daily Stock Position Report</b> (Reference: "Daily Stock Position Report")
6.8	Admin will be able to define a <b>threshold for each SKU code</b> at which the system will generate an <b>email alert</b> to selected users / user group(s)
6.9	Admin will be able to generate a <b>Weekly Terminal Forecasting Sheet</b> (Reference: "Weekly Terminal Forecasting Sheet")
6.10	Users will be able to <b>extract all reports into Excel, Text and CSV formats</b>
6.11	admin will be able to <b>define reporting rights for users</b> (E.g., Terminals able to generate report for allocated inventory for each SKU code for all user groups (Report fields and filters will be defined in Design Phase - reference requirement 1.9))
6.12	admin will have <b>access to a reporting tool which will allow new report(s) creation</b> based on all available data in the system
6.13	admin will be able to generate a report that will provide <b>time taken by each order to move from one state to next</b>
6.14	admin will be able to generate a <b>stock aging report</b> that will provide us visibility for non-moving inventory items
6.15	Admin will be able to generate a report for Vodafone Buissness care orders with details including amount and Payment mode
6.16	Admin will be able to extract a report of total delivered vs. total requested

## 2.2 In Scope

### Mobile Application ( New )

- Design , Develop Android based Mobile Application for Delivery Management
- Driver Login and Home Screen for Distribution

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

- Driver able to view Delivery Assignment and update the status for Picked , In Transit , delivered
- Mobile Application able to Capture requestor Photo Id
- Mobile Application able to do credit card verification and Update cash on Delivery

#### **Mobile Application Enhancement**



- Update GWC Order Management Application For
- Order Cancellation by Requestor
- Order with Price , Total Amount
- Order with Location Id Drop Down
- Order with Payment Method Option
- Order with Minimum Order Quantify and multiple of Minimum order qty
- Order with Customized Order Number
- Order with LPO attachment

#### **API Interface**



- **OMS API Interface for E-Commerce using XML SOAP**
  - Order Entry
  - SKU Inquiry
- **OMS API Interface for New Mobile Apps using XML SOAP**
  - Order for Delivery
  - Order Status Inquiry
  - Order Status Update
  - Order Update for Requestor Photo Id & Payment Details / Confirmation
  - SKU Inquiry
- **OMS API Interface Update for Mobile Apps using XML SOAP**
  - Order for Delivery
  - Order Status Inquiry
  - Order Status Update
  - Sku Inquiry

#### **Web Application**

- **Setup**
  - **Department**
    - New Tab for Cost center
    - New tab for Payment Method
    - Flag for E-Commerce Interface & for Delivery management
    - Validation to setup only one Department for E –Commerce
    - Configuring Additional Financial approver for the department
    - New tab for Delivery SLA Setup
    - Setting Customized Order Number – Field to accept Customized Order Number details
  - **User Management**
    - Admin able to Reset the Password , Email will be send to User and Admin about the password reset
    - Profile Setup for Driver

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

- Driver User Management
  - Adding user type as Driver
- **SKU**
  - New Interface to be added for price update
  - Option for Setting Department Order with Fixed Location with edit option or provide Edit / Add Option to the user
  - New Field for Minimum Order Qty
  - In-Active SKU should not be available Order , Order process for inactive SKU through mobile Apps , Direct Order , E-Commerce should be rejected
  - Virtual Stock Setup – adding Virtual Stock in the SKU
- **Customer Management**
  - Address Book Management
  - Creating Address with Location ID , Address 1 , Address 2 , City , Zip , State , Country , Contact Name , Email , Telephone
- **Order Management**
  - **Template**
    - Template update for Minimum Order Qty , Price , Total Amount change
  - **Direct Order**
    - New Interface for Direct order to be added , User will select the department , and import the Order is Predefine Format , Order Imported through pre-define format will be with Automatic Approval ( **Req # 5.3** System will generate a file with order details for all orders created for Vodafone Direct Channel as per the format accepted by Vodafone POS. Trigger for sending this file will be orders submitted for delivery. )
  - **Order with Composing Status**
    - Req #2.28 System will provide ability to save orders prior to submission with no inventory reserved , With MOQ , Price , Total and validation for MOM
  - **Order Cancellation :**
    - Req # 2.30 System will provide ability to cancel orders before submission and automatically after x days all the saved orders will be cancelled automatically
  - **Financial Approver :**
    - Additional Financial Approver to be added for change in cost and Cost center
  - **Order Update for E-Commerce**
    - Requestor Information & Address
    - Payment Mode & Information - At the time of order delivery the user will be able to record payment mode and amount collected in the system.
    - Delivery Mode & Expected delivery date

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

- Order Setting and Order work flow
- **Document Management**
- **Payment Method**
- **Dispatch / Delivery Interface**
  - Order with E-Commerce available to Dispatch
  - Driver Allocation for Ready for Dispatch Order
  - Order Delivery update with Truck
  - Order update with Requestor Photo Id
  - Order Id update for Payment verification and Cash on Delivery
- **Report**
  - Order Delivery Report From Date to Date , Driver Wise , Department Wise , With Cash / Credit Card
  - SLA Summary Report
  - Req # 6.10 Users will be able to extract all reports into Excel, Text and CSV formats
  - Req # 6.15 Admin will be able to generate a report for Vodafone Buissness care orders with details including amount and Payment mode
  - Req # 6.16 Admin will be able to extract a report of total delivered vs. total requested

#### ✚ **Notification/Scheduler**



- Notification update for Order from E-Commerce system
- Cancellation By Requestor
- Approval /Rejection by Financial Approver

#### ✚ **Interface**

- None

## 2.3 Out of Scope



- ✚ Mobile Apps - Document attachment facility in Mobile Apps
- ✚ Google Map Integration with Mobile Apps & Web Application for Delivery route and address
- ✚ Route Management & Sequencing the delivery as per the Delivery address
- ✚ Req # 2.37 System to allow end user to place the orders for non-inventory items (E.g., Collaterals, Temp Stock)
- ✚ Req # 4.8 Users will be able to mark an activity(ies) completed or not. In case of not completed the user must enter comments in a free text box.
- ✚ GWC group the User under the Department and Sku Code allocation will be done through WMS Functionality ( Req #1.3 By default all SKU codes will be allocated to all user group – No change is required in OMS)
- ✚ OMS offer Functionality to de-activation at user level and not at the User Group Level ( Req #1.4 Admin will be able to add / edit / deactivate user group(s), user login(s) and their access rights (roles) ) – No change is required in OMS

	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

- ✚ Req # 1.14 - Admin will be able to **override the available quantity of any SKU Code** against any user group(s) to prepare for pre-launch orders ( This Functionality handle by WMS – No change in OMS )
- ✚ Req # 1.15 System will automatically **trigger an e-mail to the 3PL (Third Party Logistics provider) to create new SKU Codes, SAP Materials or New Location IDs** in 3PL WMS when Vodafone admin defines any new SKU Codes, Location IDs in the system( This Functionality handle by WMS – No change in OMS )
- ✚ Req # 1.13 Admin will be able to view **order statuses and sub-order statuses** – WMS will only show the order Status as Currently define in Version 1.0 – No change in OMS
- ✚ Req # 1.15 System will automatically trigger an e-mail to the 3PL (Third Party Logistics provider) to create new SKU Codes, SAP Materials or New Location IDs in 3PL WMS when Vodafone admin defines any new SKU Codes, Location IDs in the system ( This functionality Handled by WMS – No change in OMS )
- ✚ Req #2.12 User will be able to enter the required quantity for each SKU code as per their allocated quantity ( This functionality will be handled Manually , User will be importing Direct order in the system) - No change in OMS
- ✚ Req # 2.38 System will check available inventory in a specific location within Vodafone POS and trigger an alert to Vodafone admin for approval. Once approved another alert will be trigged to the 3PL to collect and book the inventory in the warehouse location as instructed by Vodafone admin.( This functionality handled by WMS – No change in OMS )
- ✚ Req # 5.3 System will integrate with Vodafone POS for stock availability, stock issuance and order reconciliation .( This functionality handled by WMS – No change in OMS )
- ✚ Req # 6.8 Admin will be able to define a **threshold for each SKU code** at which the system will generate an **email alert** to selected users / user group(s)
- ✚ Req # 6.9 Admin will be able to generate a **Weekly Terminal Forecasting Sheet** (Reference: "Weekly Terminal Forecasting Sheet")
- ✚ Req # 6.14 admin will be able to generate a stock aging report that will provide us visibility for non-moving inventory items

## 2.4. Assumption

- ✚ Only one department per Company can be setup for e-commerce
- ✚ GWC group the User under the Department and Sku Code allocation will be done through WMS Functionality ( Req #1.3 By default all SKU codes will be allocated to all user group – No change is required in OMS)
- ✚ OMS offer Functionality to de-activation at user level and not at the User Group Level ( Req #1.4 Admin will be able to add / edit / deactivate user group(s), user login(s) and their access rights (roles) ) – No change is required in OMS
- ✚ Req # 1.14 - Admin will be able to **override the available quantity of any SKU Code** against any user group(s) to prepare for pre-launch orders ( This Functionality handle by WMS – No change in OMS )

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

- ✚ Req # 1.15 System will automatically **trigger an e-mail to the 3PL (Third Party Logistics provider) to create new SKU Codes, SAP Materials or New Location IDs** in 3PL WMS when Vodafone admin defines any new SKU Codes, Location IDs in the system( This Functionality handle by WMS – No change in OMS )
- ✚ Req # 1.13 Admin will be able to view **order statuses and sub-order statuses** – WMS will only show the order Status as Currently define in Version 1.0 – No change in OMS
- ✚ Req # 1.15 System will automatically trigger an e-mail to the 3PL (Third Party Logistics provider) to create new SKU Codes, SAP Materials or New Location IDs in 3PL WMS when Vodafone admin defines any new SKU Codes, Location IDs in the system ( This functionality Handled by WMS – No change in OMS )
- ✚ Req #2.12 User will be able to enter the required quantity for each SKU code as per their allocated quantity ( This functionality will be handled Manually , User will be importing Direct order in the system) - No change in OMS
- ✚ Req # 2.38 System will check available inventory in a specific location within Vodafone POS and trigger an alert to Vodafone admin for approval. Once approved another alert will be triggered to the 3PL to collect and book the inventory in the warehouse location as instructed by Vodafone admin.( This functionality handled by WMS – No change in OMS )
- ✚ Req # 5.3 System will integrate with Vodafone POS for stock availability, stock issuance and order reconciliation .( This functionality handled by WMS – No change in OMS )
- ✚ Req # 6.8 Admin will be able to define a **threshold for each SKU code** at which the system will generate an **email alert** to selected users / user group(s) .( This functionality handled by WMS – No change in OMS )
- ✚ Req # 6.9 Admin will be able to generate a **Weekly Terminal Forecasting Sheet** (Reference: "Weekly Terminal Forecasting Sheet").( This functionality handled by WMS – No change in OMS )
- ✚ Req # 6.14 admin will be able to generate a stock aging report that will provide us visibility for non-moving inventory items").( This functionality handled by WMS – No change in OMS )



## 3. Proposed System Architecture

### 3.1 System Architecture



**System Architecture Fig. 3.2**

System Users interface the Systems through single interface through the website. . At the primary application server Education management software, IIS and ASP.NET software are installed and it directly handles all the operations. Backup server is used to backup all the data and use it when primary server is down. WMS & OMS system data synchronized on regular intervals to avoid duplications.

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

## 4. Order Management system

### 4.1 User functionality

#### Ecommerce Departments

OMS can manage

1. OMs will manage the New User role i.e Driver.
2. OMS will manage the all information and history of driver through the interface.

#### SKU Search

Requestor can search the sku, check the price and total qty and grand total of sku.

#### Template Management

OMS provide Template with Direct order.

#### Order Creation and Management



Order screen serves the purpose of order creation, Order search, and view previous order details etc. in a single window. When selecting an SKU the picture and details/attributes of the SKU must be shown.

If the user has access to multiple departments then they should have the option to select which department they are going to order from.

User must select delivery date in order for the order to be processed. There should be a field in which the shipment information is available to be filled up, along with a free text field to each SKU line, to be used as line notes.

There should be an export data button that exports all information about the orders fulfilling the search criteria.

User places order for each SKU based on the stock quantity that they see in the order screen. There should be a facility to **reserve and release Stock** without placing an Order. We should have a facility to auto cancel an order if no approval happens for a specific order for a defined order expiry (set by Admin at Customer level).

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

### Working with Group Set Items

**Group Sets** would be defined in WMS and imported into **OMS**, or defined on Admin level. Users cannot create, delete or modify Group Sets of Items.

Users should be able to select master **SKU** (which would explode the entire set of components) or any component **SKU(s)** independently for order creation.

Order screen should show the available quantity from the inventory table once the SKU is selected. OMS interface will always push stock balance of component SKUs only. OMS should calculate available parent quantity based on the definition of Group Set master.

If the user selects component SKUs and Master SKU then the quantity availability of Master should be adjusted based on the component selection real time. There should be an identification flag that distinguishes Master SKUs. 8



### Order Status update with email notification

Status Notification as email should be generated from OMS on the below status. However the notification trigger should be completely configurable (by Admin).

- Order submitted for approval
- Order approved By first Approver
- Order approved by 2nd approver (if any)
- Order approved by 3rd approver (if any)
- Auto cancelled orders
- Order created in WMS
- Order cancelled in WMS
- Order SKUs picked in WMS
- Order Delivered
- Order Ready for Pick up.
- Order Cancel by requestor.
- Order Delivered to customer.
- Order return.
- Password changed by Admin.
- Password expiry alert email to user.

All notifications should be escalated based on the hierarchy definition of the users.

1. Emails included in User creation should be the base correspondence mail.

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

2. Order creation screen should have an additional functionality to Add email ids specific to that order.
3. The scope of that email inclusion is limited to the communications happening for that order only.

Approval escalation will happen starting from Requestor who submits an order  
>> 1st approver >> 2nd Approver (if any) >> 3rd Approver (if any).

All parties involved in this process, including additional emails added specific to an order (if any) will receive all notifications throughout the order process.

If any approver has delegated his authority to another user then that person should get all notifications.

Note: if there are 3 Requestors falling under one approver then notification must be sent only to the user who raised the order. The other 2 Requestors need not be involved.

If the approver cancels an order with specific comment then the email needs to be sent only to the persons in the lower hierarchy related to that order.

#### **Threaded view of email listing per order by date**

All notifications and comments should appear as a threaded view sorted by date.

#### **Order Approval**

Approval escalation will happen starting from Requestor who submits an order >> 1st approver  
2nd Approver (if any) >> 3rd Approver (if any) and so on.

#### **Order Tracking**

The OMS allows users to track their order pipeline as well as search by order date/attribute, order status, and so on.

#### **Access Delegation**

Approver delegation must be kept simple. Any approver must be able to delegate his authority to any other user within that Customer irrespective of whether he is originally defined as a requestor or approver, for a given period. The user who receives authority will have his inherent screens plus the screens of the delegator.

#### **Inventory and Inventory Holds Details**

All stock information will be fetched from WMS and pushed to FTP folder by interfacing application.

All Stock quantities will be supplied in Master UOM (Base UOM) only. Stock quantity is pushed into OMS to give OMS Requestor an idea about the stock level of the item he is ordering. WMS keeps track of all sellable items as OK stock and non-sellable items due to expiry or damage as Hold stock.

Interface will provide OK stock and Hold stock quantities in separate Lines. Stock will be supplied per customer.

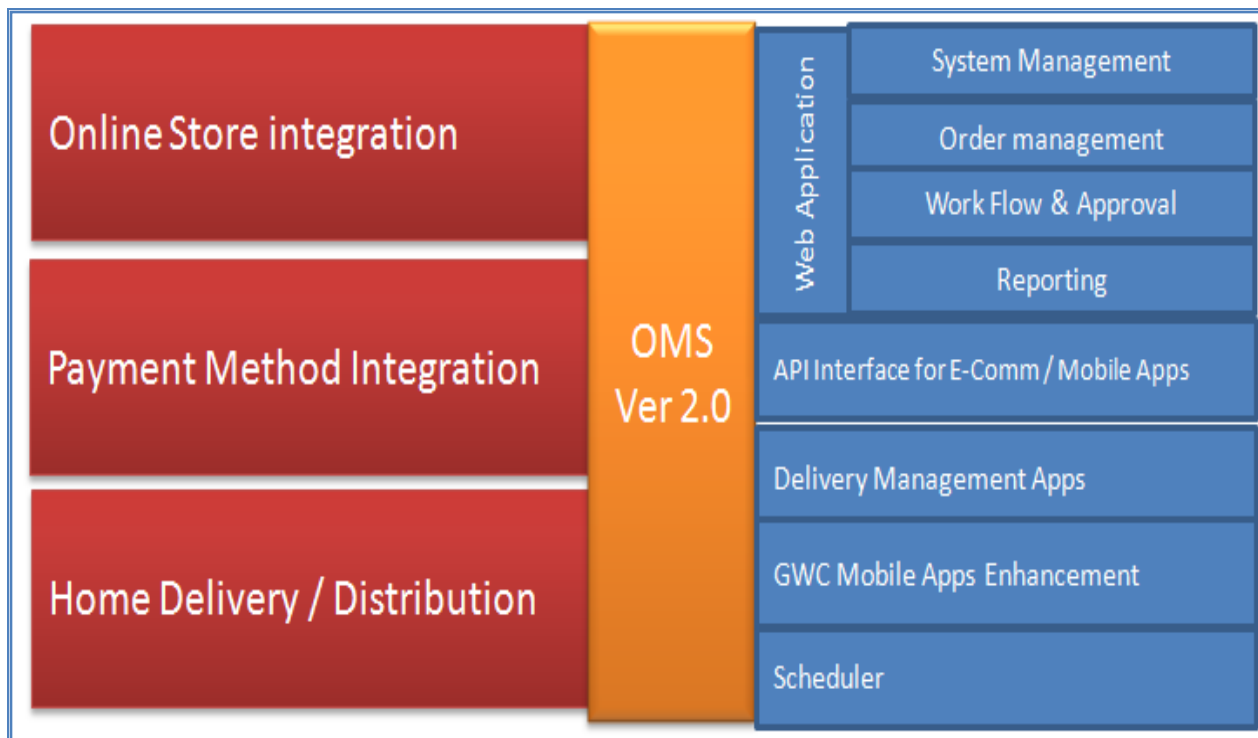
#### OMS to keep record of these details.

Module	Functionality	Functionality	Mobile Interface
Setup	Customer Management	Customer Master	No
		Document	No
		Server Configuration	No
		Department new tab Cost center	No
		Payment method	Yes
		GWC Deliveries	Yes
		Ecommerce Flag	Yes
		Address type-Location, general or both	Yes
		Order no format	Yes
		Service Level Agreement	Yes
	Location	Address Book	Yes
	User Management	User Master	No
		User Profile Management	No
		Department Management	No
		Approval Management	No
		Access Delegation	No
	Part Management	Part Creation	No
		Catalogue Creation	No
		Pack Master (UOM)	No
		Part Image	No
		Group Set	No
		Image Mass Update	No
	Interface Management	SKU Creation	No
		Pack Creation	No
		Group set Creation	No
		Order Mapping in WMS	No
		Order Status	No
		Stock Update	No
		MOQ	No
	Import Sku Price	Import Sku in Excel format	No
	Utility	Email Template Configuration	No
		Task Activity – Inbox	Yes
		Alert Management	No
		Request Template	

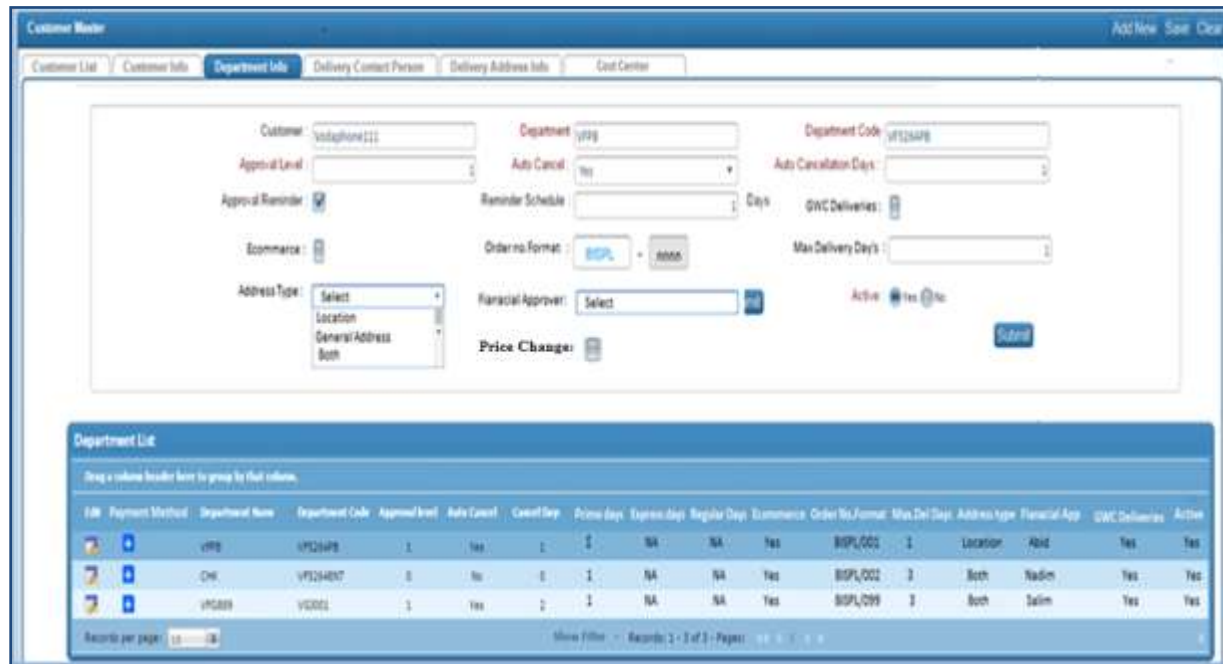
Transaction	Order Creation & Management	Order Template Management	No
		Order Request	Yes
		Order Approval	Yes
		Auto Cancellation	No
		Issue From Warehouse	No
		Order Dispatch	Yes
		Reserve Stock	Yes
		Release Stock	Yes
		Direct Order with template	
		Total Price	
		Grand total	
		MOQ	
		Direct Order	
	Inbox	Threaded view of Email listing per order by date	No
	Dashboard	Order Based	Yes
		SKU	Yes
		Order Pattern	Yes
Report	Standard Report	Order History	Yes
		Order pattern	Yes
		SKU Report – Availability	Yes
		Order By Department	Yes
		Stock List	Yes
		Stock not available in Stock	Yes

## 5.GUI

### 1.Requiriment Summary



## 5.1 Department Setup



**Customer Master** Add New Save Clear

Customer List Customer Info **Department Info** Delivery Contact Person Delivery Address Info Cost Center

Customer: Vodyphone111 Department: VPSG Department Code: VPS249B

Approval Level: 0 Auto Cancel: Yes Auto Cancellation Days: 0

Approval Reminder: ☒ Reminder Schedule: Days: 0 GWC Deliveries: 0

E-commerce: ☐ Order no Format: BGPL + addn Max Delivery Days: 0

Address Type: Select Location General Address Both Financial Approver: Select Active: Yes No

Price Change: ☐ Submit

**Department List**

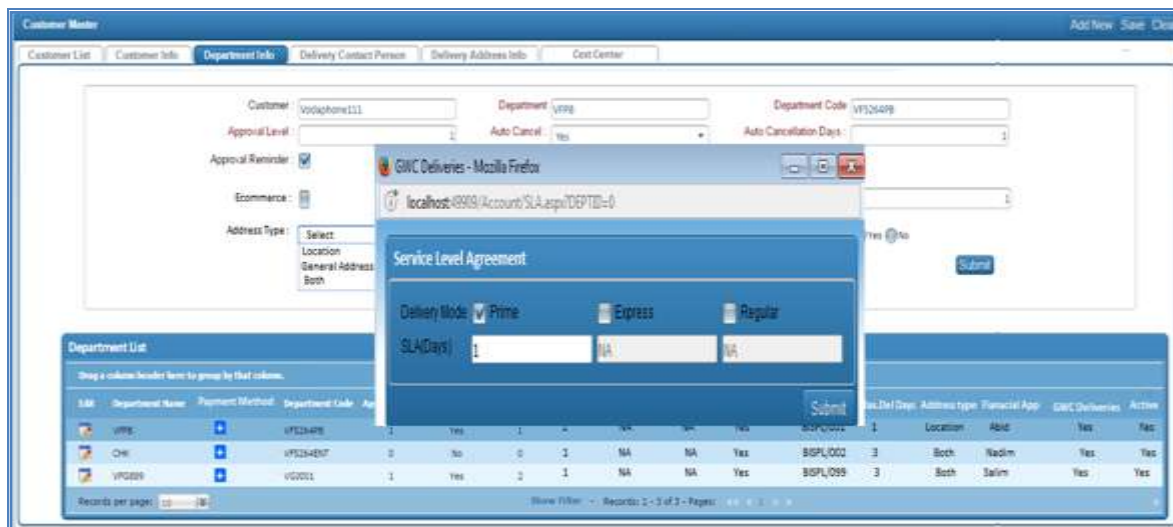
Drag a column header here to group by that column.

ID	Payment Method	Department Name	Department Code	Approval Level	Auto Cancel	Cancel Sep	Prime days	Express days	Regular Days	E-commerce	Order No.Format	Max Del Days	Address type	Financial App	GWC Deliveries	Active
VPSG		VPS249B	0	Yes	0	0	NA	NA	Yes	BGPL/001	0	Location	Abid	Yes	Yes	Yes
CHI		VPS249B7	0	No	0	0	NA	NA	Yes	BGPL/002	0	Both	Nadim	Yes	Yes	Yes
VPSG99		VPS001	0	Yes	0	0	NA	NA	Yes	BGPL/009	0	Both	Salim	Yes	Yes	Yes

Records per page: 10 Show Filter Records: 1 - 3 of 3 - Pages: 1

Department Setup Fig. 5.1

Tenant Setting for Payment Method , Delivery , E-Commerce , Order Format & Max. Delivery Date , Cost Change Financial Approver , Requestor Address Mode



**Customer Master** Add New Save Clear

Customer List Customer Info **Department Info** Delivery Contact Person Delivery Address Info Cost Center

Customer: Vodyphone111 Department: VPSG Department Code: VPS249B

Approval Level: 0 Auto Cancel: Yes Auto Cancellation Days: 0

Approval Reminder: ☒ Reminder Schedule: Days: 0 GWC Deliveries: 0

E-commerce: ☐ Order no Format: BGPL + addn Max Delivery Days: 0

Address Type: Select Location General Address Both Financial Approver: Select Active: Yes No

Price Change: ☐ Submit

**Service Level Agreement**

Delivery Mode: ☒ Prime ☐ Express ☐ Regular

SLA(Days): 1 NA NA

Submit

**Department List**

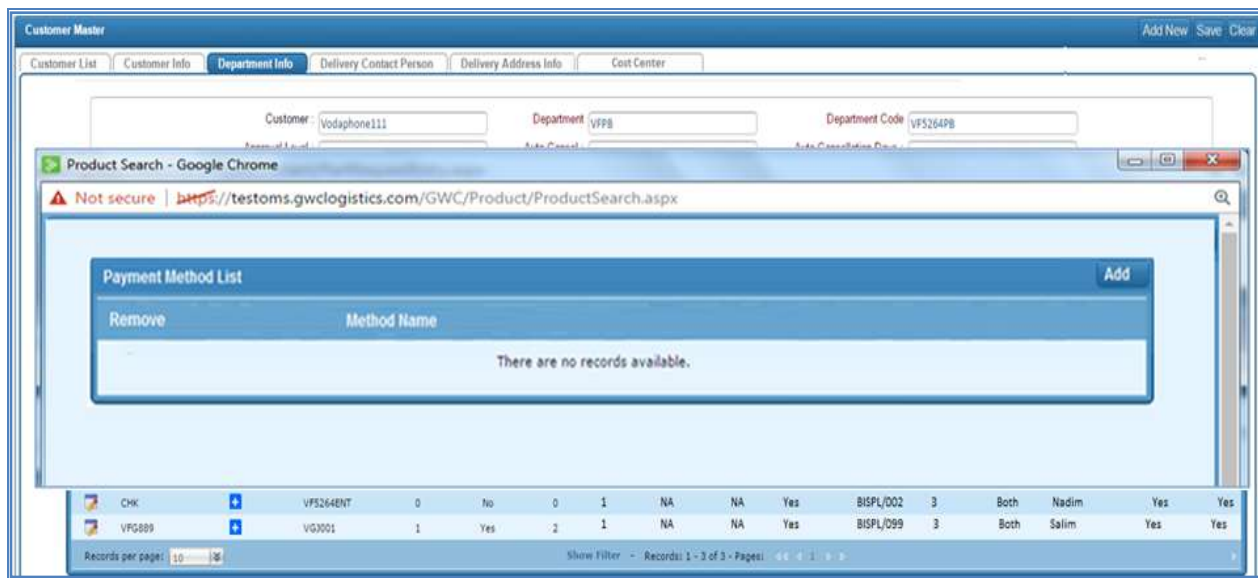
Drag a column header here to group by that column.

ID	Department Name	Payment Method	Department Code	Ap
VPSG	VPS249B		0	Yes
CHI	VPS249B7		0	No
VPSG99	VPS001		0	Yes

Records per page: 10 Show Filter Records: 1 - 3 of 3 - Pages: 1

### Delivery SLA Fig. 5.1.1

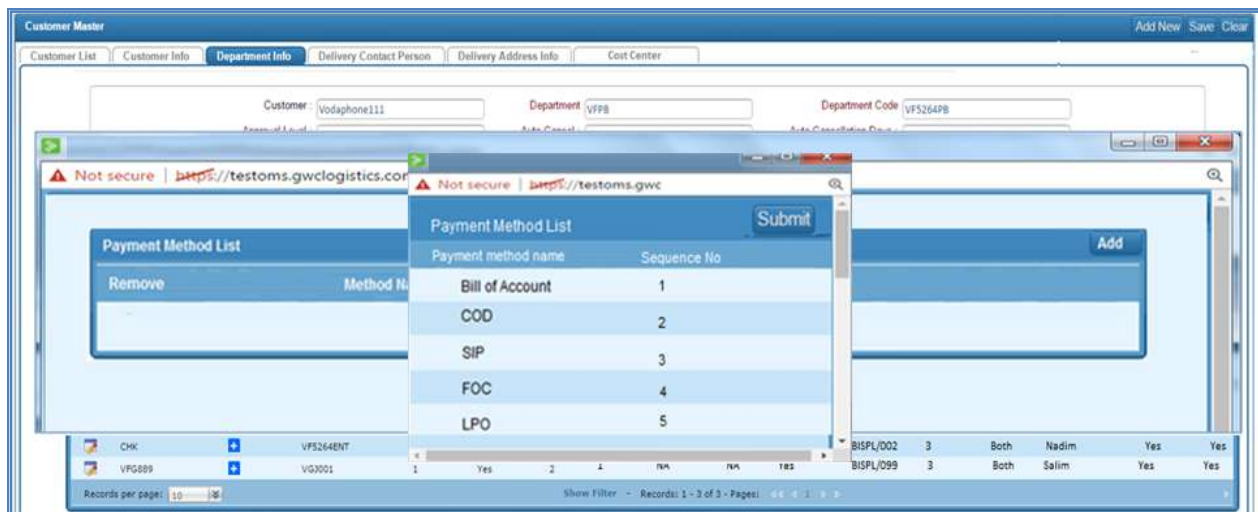
Set SLA 's for order Delivery



CHK	+	VP5264ENT	0	No	0	1	NA	NA	Yes	BISPL/002	3	Both	Nadim	Yes	Yes
VP6889	+	VG3001	1	Yes	2	1	NA	NA	Yes <td>BISPL/099</td> <td>3</td> <td>Both</td> <td>Salim</td> <td>Yes</td> <td>Yes</td>	BISPL/099	3	Both	Salim	Yes	Yes

### Payment Method Fig. 5.1.2

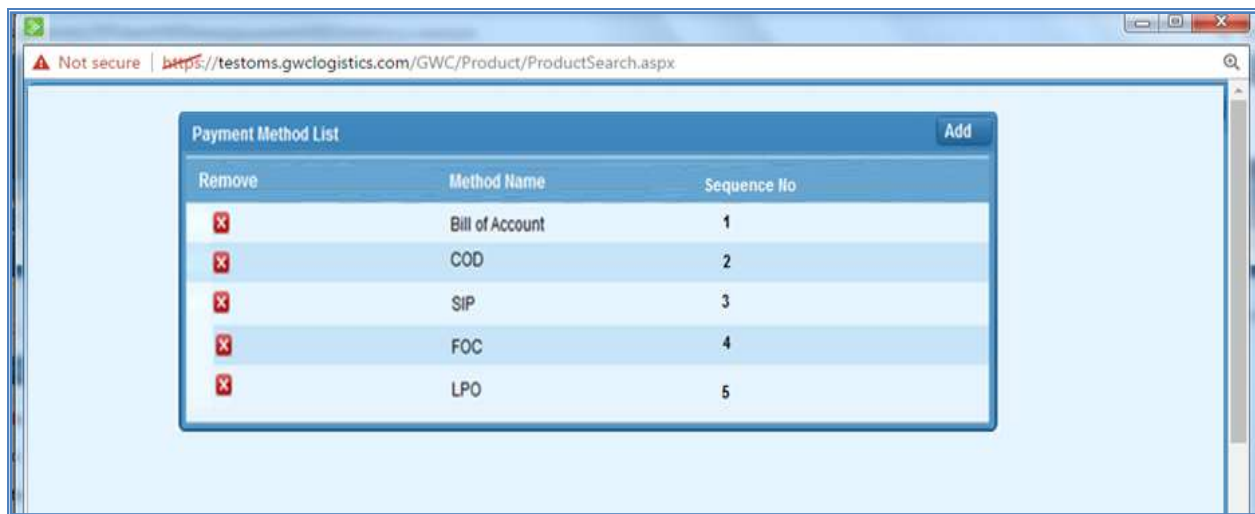
User will able to add various payment method like FOC , COD , SIM , LPO , Bill to Account etc for the department



Payment method name	Sequence No
Bill of Account	1
COD	2
SIP	3
FOC	4
LPO	5

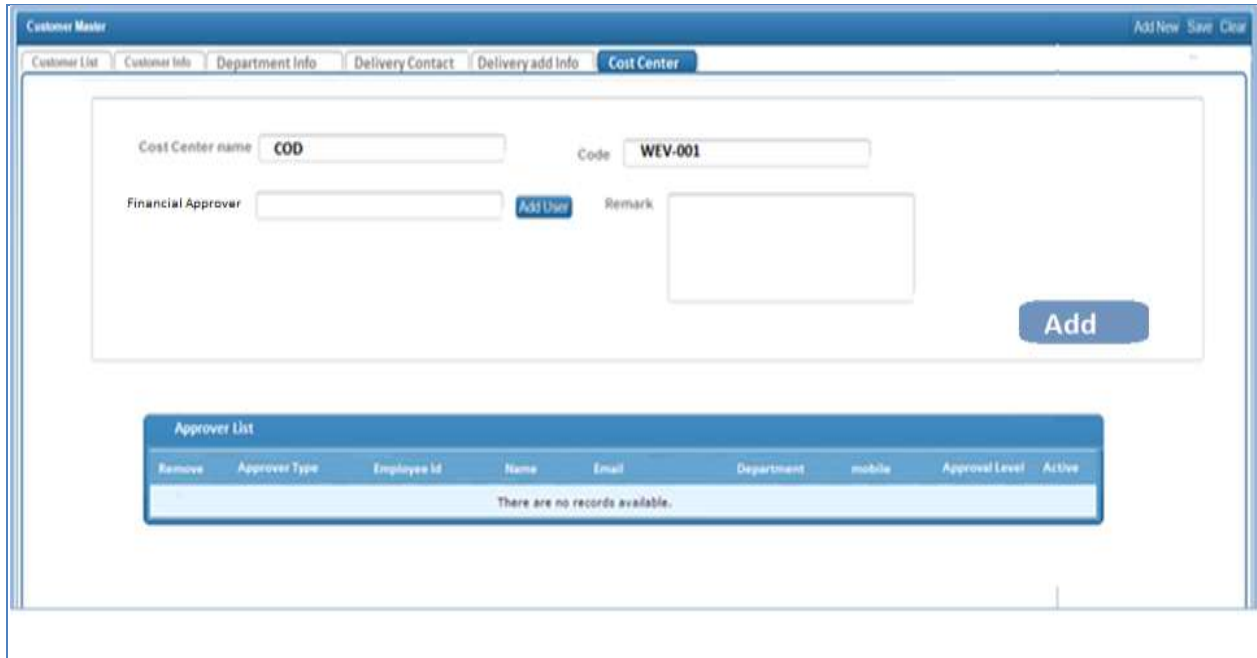
### Payment Method Fig. 5.1.3

User will able to add various payment method like FOC , COD , SIM , LPO , Bill to Account etc for the department



**Payment Method Fig. 5.1.4**

User will able to add various payment method like FOC , COD , SIM , LPO , Bill to Account etc for the department



Customer Master Add New Save Clear

Customer List Customer Info Department Info Delivery Contact Delivery add Info **Cost Center**

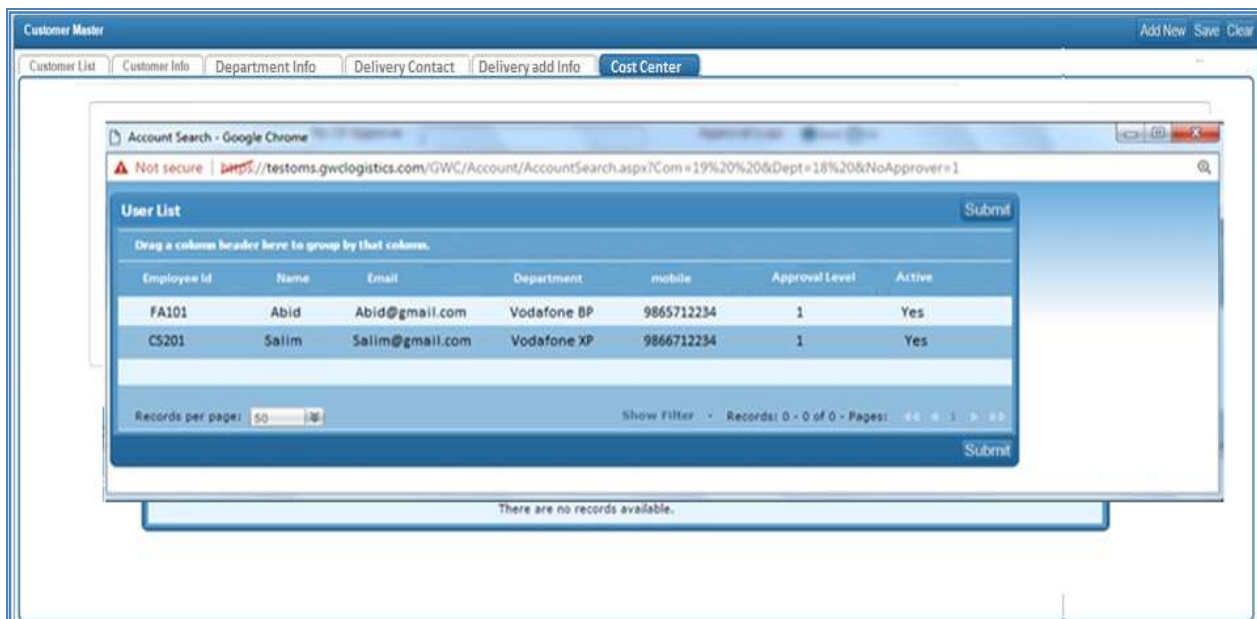
Cost Center name:  Code:

Financial Approver:   Remark:

Approver List								
Remove	Approver Type	Employee Id	Name	Email	Department	mobile	Approval Level	Active
There are no records available.								

**Cost Center Setup Fig. 5.1.5**

User Able to Add Cost Center , Financial Approver etc through this interface



Customer Master Add New Save Clear

Customer List Customer Info Department Info Delivery Contact Delivery add Info **Cost Center**

Account Search - Google Chrome

Not secure | <https://testoms.gwclogistics.com/GWC/Account/AccountSearch.aspx?Com=19%20%20&Dept=18%20&NoApprover=1>

**User List**



Drag a column header here to group by that column.

Employee Id	Name	Email	Department	mobile	Approval Level	Active
FA101	Abid	Abid@gmail.com	Vodafone BP	9865712234	1	Yes
CS201	Salim	Salim@gmail.com	Vodafone XP	9866712234	1	Yes

Records per page:   Records: 0 of 0 Pages:

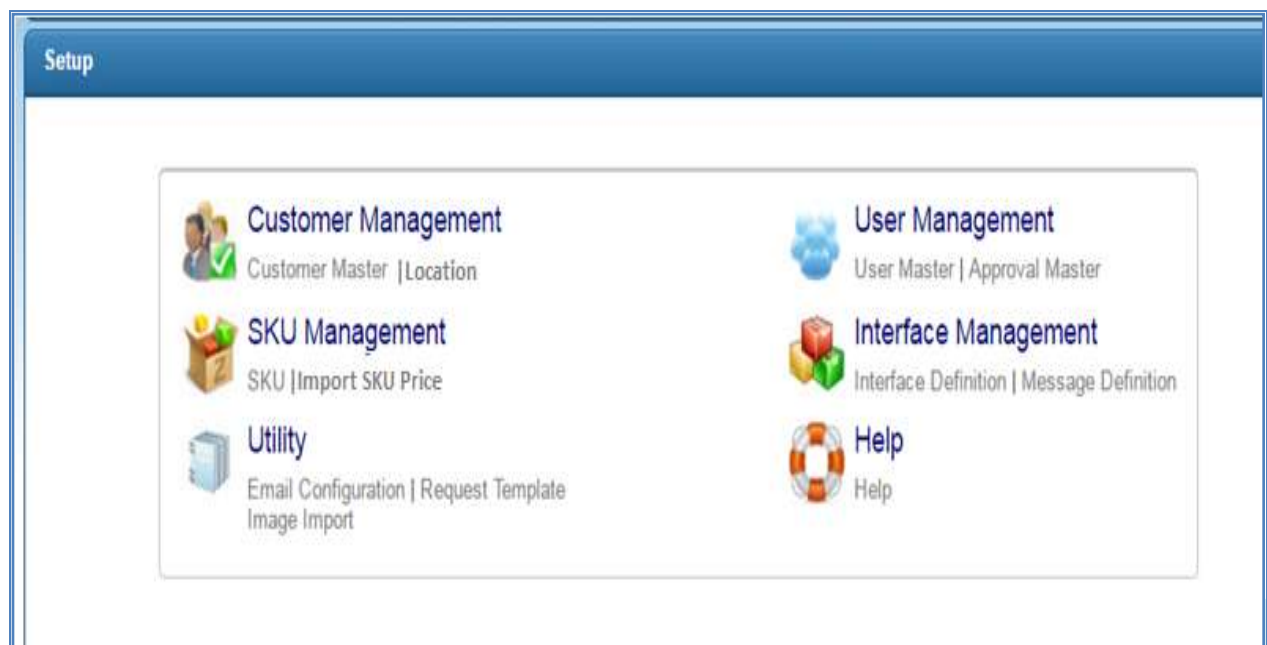
There are no records available.

**Cost Center Setup / Approver Fig. 5.1.6**

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

User Select Financial Approver through this interface

## 5.2 Customer Management



## Location Management Fig. 5.2.1

Admin able to add new Location for the Requestor through Interface

## Customer Management



Customer Management - Location List

Drag a column header here to group by that column.

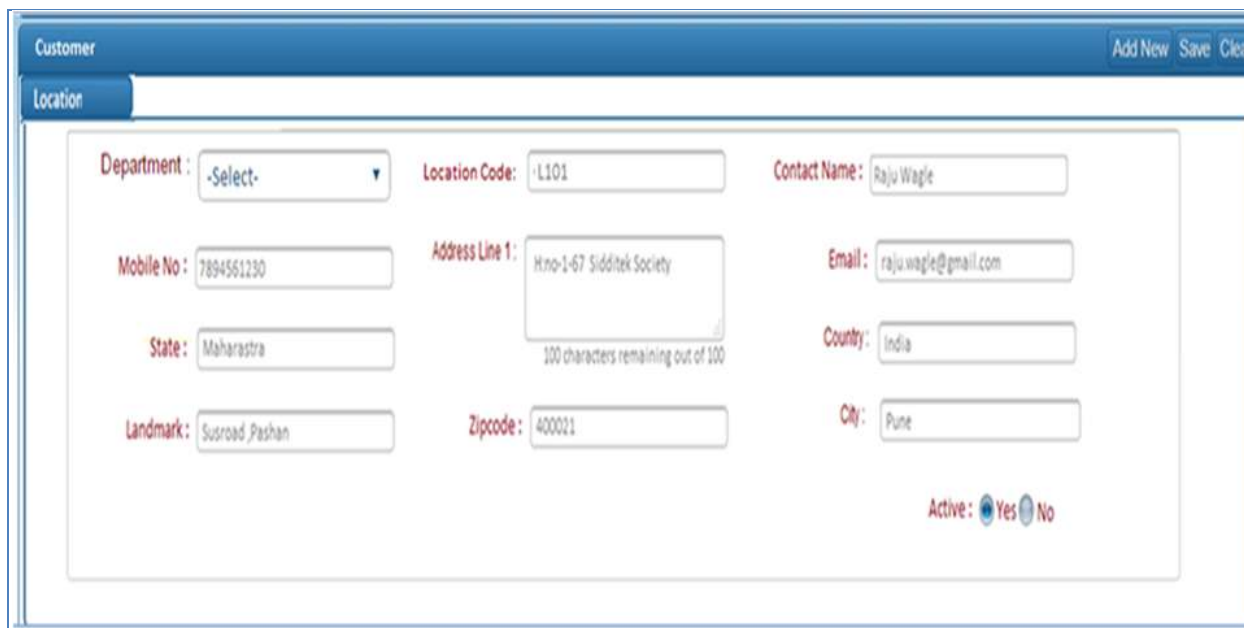
Id	Department	Location Code	Contact Name	Email	Mobile no	Address line	Country	State	City	Landmark	Zipcode	Active
	Vodafone PB	L101	Abid	Abid@gmail.com	8437945	West Site 43 plot	Qatar	Doha	WH	Cafe shop	46555	Yes
	Vodafone XH	L102	Sammer	Ser@gmail.com	8434356	West Site 43 plot	Qatar	Doha	PH	Book shop	4155	Yes

Records: 1 - 10 of 70 • Page: 1 of 7

## Location Management Fig. 5.2.2

Admin able to add new Location for the Requestor through Interface

## Customer Management



Customer Management - Location

Form fields:

- Department: -Select-
- Location Code: L101
- Contact Name: Raju Wagle
- Mobile No: 7894561230
- Address Line 1: Hno-1-67 Siddhik Society
- Email: raju.wagle@gmail.com
- State: Maharashtra
- Country: India
- City: Pune
- Landmark: Susroad Pashan
- Zipcode: 400021
- Active: ☒ Yes ☐ No

100 characters remaining out of 100

### Location Management Fig. 5.2.3

Location Interface like Location Code , Add , Contact person etc

## 5.3 User Management

User Creation

Add New Save Clear

User Information

First Name : Amir

Gender : Male

Mobile No :

Date Of Joining : DD-MMM-YYYY

Department : Vodafone Power and Batterie

Reporting To : -Select-

Active : ☒ Yes ☐ No

Login Details :  
User Name : Abdula

Middle name :

Date Of Birth : DD-MMM-YYYY

Employee No : 1252252

Customer : Vodafone

Role : Driver

Requestor

Approver

Requestor And Approver

Admin

Super Admin

Driver

Mobile Interface Approval :

New Password :



Confirm Password :

Last Name : Driver

Email ID : amir@gmail.com

Browse... No file selected.

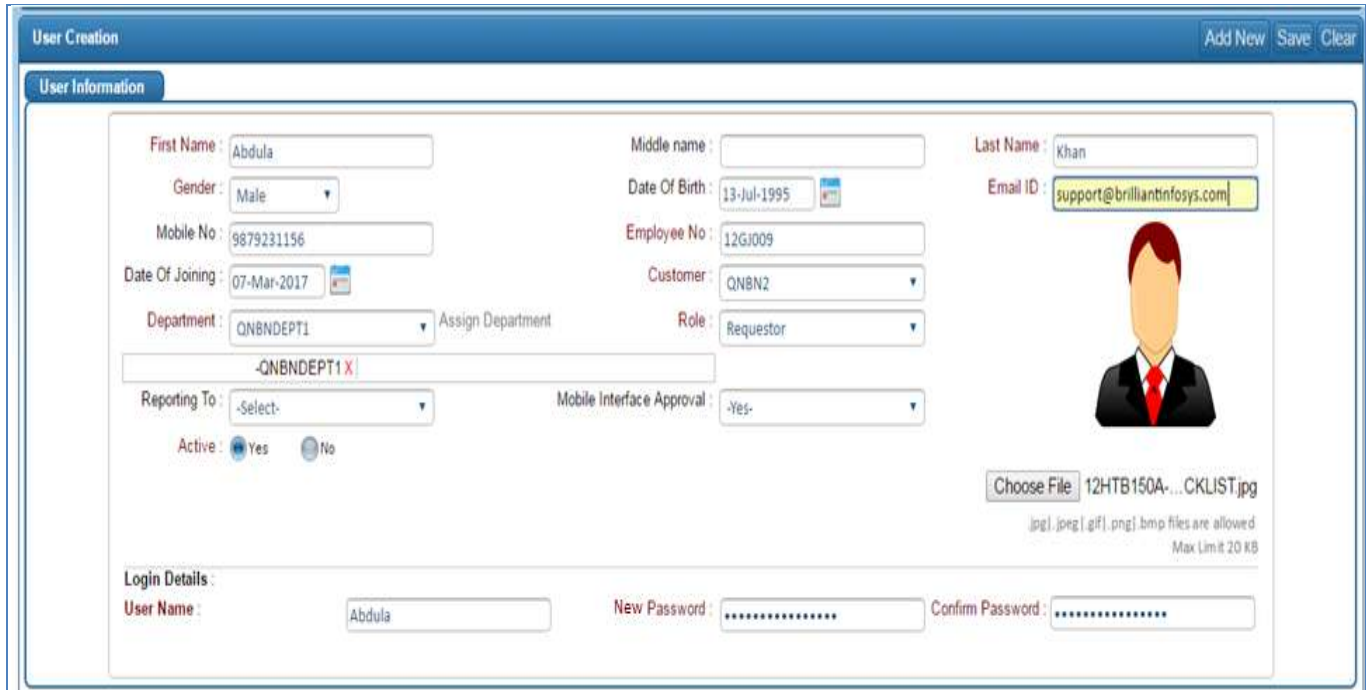
.jpg|.jpeg|.gif|.png|.bmp files are allowed  
Max Limit 20 KB

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

### Driver Fig. 5.3.1

Though this interface Admin will able to add new Driver into the system , driver user will have access only for the Delivery mobile Apps

## User Management



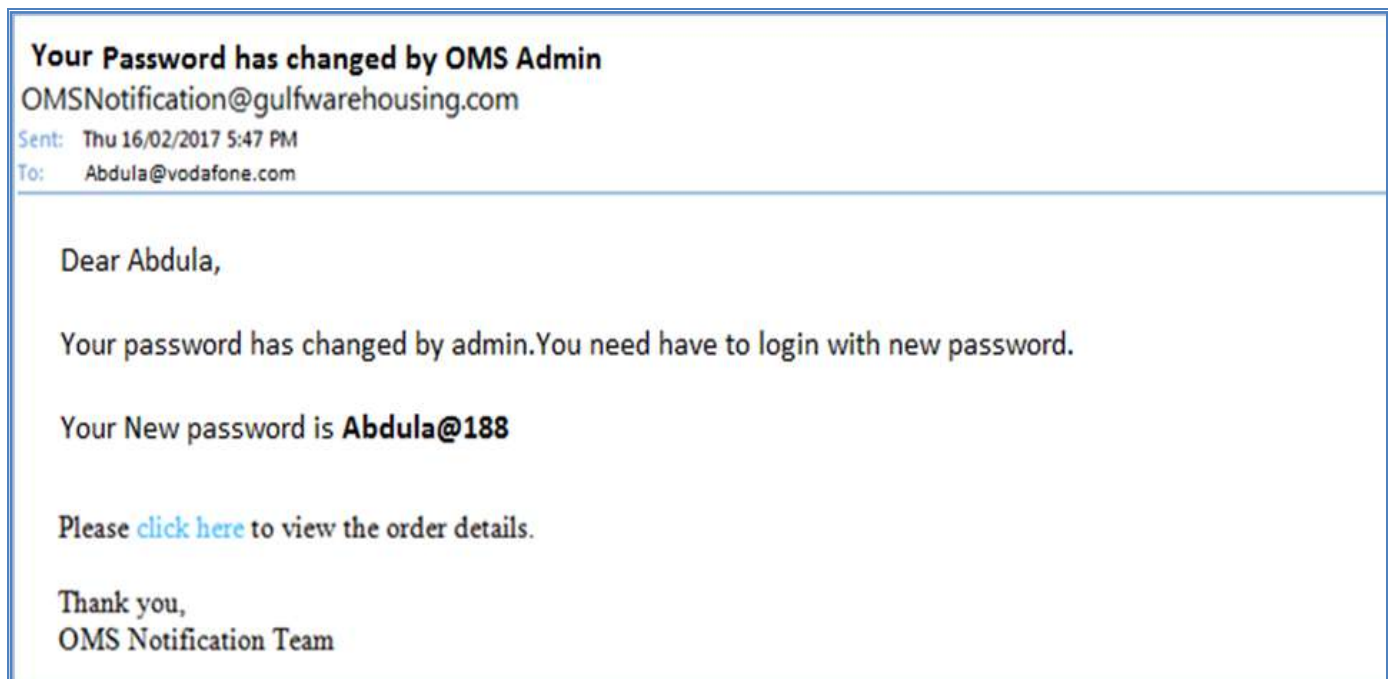
The screenshot shows a 'User Creation' window with a 'User Information' tab. The form contains the following fields and values:

- First Name:** Abdula
- Middle name:** (empty)
- Last Name:** Khan
- Gender:** Male
- Date Of Birth:** 13-Jul-1995
- Email ID:** support@brilliantinfosys.com
- Mobile No:** 9879231156
- Employee No:** 12GJ009
- Date Of Joining:** 07-Mar-2017
- Customer:** QNBN2
- Department:** QNBNDEPT1
- Role:** Requestor
- Reporting To:** -Select-
- Mobile Interface Approval:** -Yes-
- Active:** Yes (selected), No
- File Upload:** Choose File 12HTB150A-...CKLIST.jpg
- Login Details:**
  - User Name:** Abdula
  - New Password:** (masked with dots)
  - Confirm Password:** (masked with dots)

**Password change Fig. 5.3.2**

Through this interface Admin will able to change the password for User ; System will generate password for change

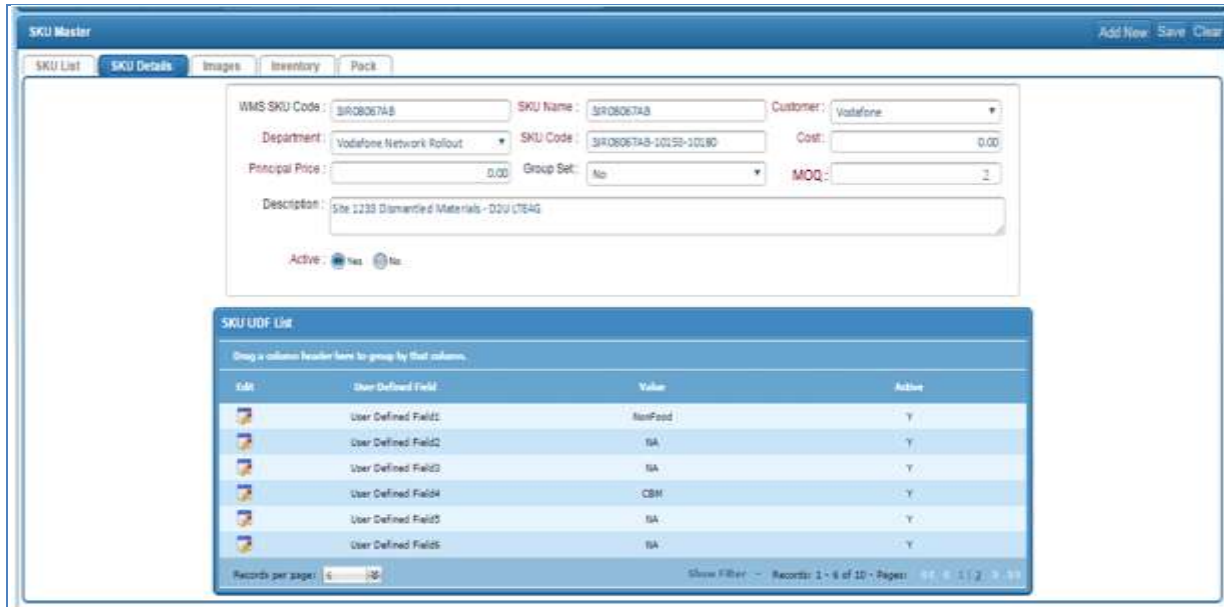
## User Management



### Password change / Email Fig. 5.3.3

This email Notification send to Requestor when Password changed by Admin

## 5.4 SKU Management



SKU Master interface showing SKU Details. The form includes fields for WMS SKU Code, SKU Name, Customer, Department, SKU Code, Cost, Principal Price, Group Set, MOQ, and Description. Below the form is a table for SKU UDF List.

Id	User Defined Field	Value	Active
1	User Defined Field1	NonPaid	Y
2	User Defined Field2	SA	Y
3	User Defined Field3	SA	Y
4	User Defined Field4	CBM	Y
5	User Defined Field5	SA	Y
6	User Defined Field6	SA	Y

**SKU Management Fig. 5.4.1**

This interface allow user to set the Minimum order Quantity for the SKU

## SKU Management



SKU Master interface showing Inventory. The form includes a table for Department wise Inventory and an Add Virtual Stock button.

Opening Quantity	Receiving Quantity	Dispatch Quantity	Reserve Quantity	Current Balance	Virtual Balance	Available Virtual Balance
0.00	0.00	0.00	0.00	2.00	100	102

**Add Virtual Stock Fig. 5.4.2**

This interface will show Virtual Qty , MOQ etc

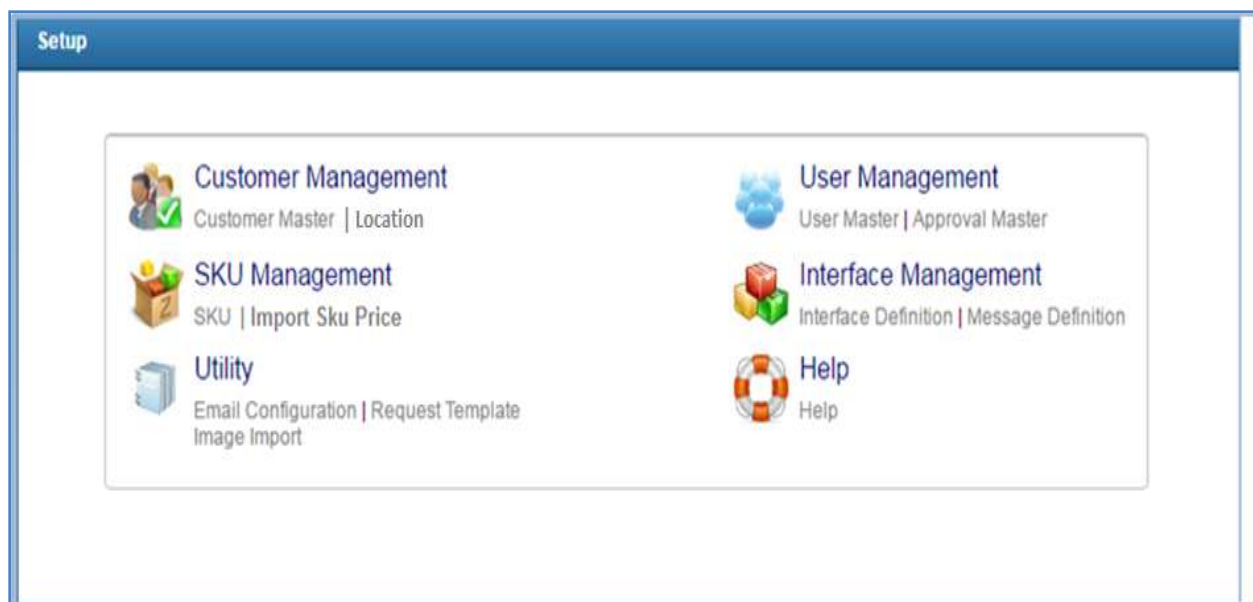
## SKU Management



**Virtual Stock Fig. 5.4.3**

This interface will be use to Add the virtual Stock for the SKU

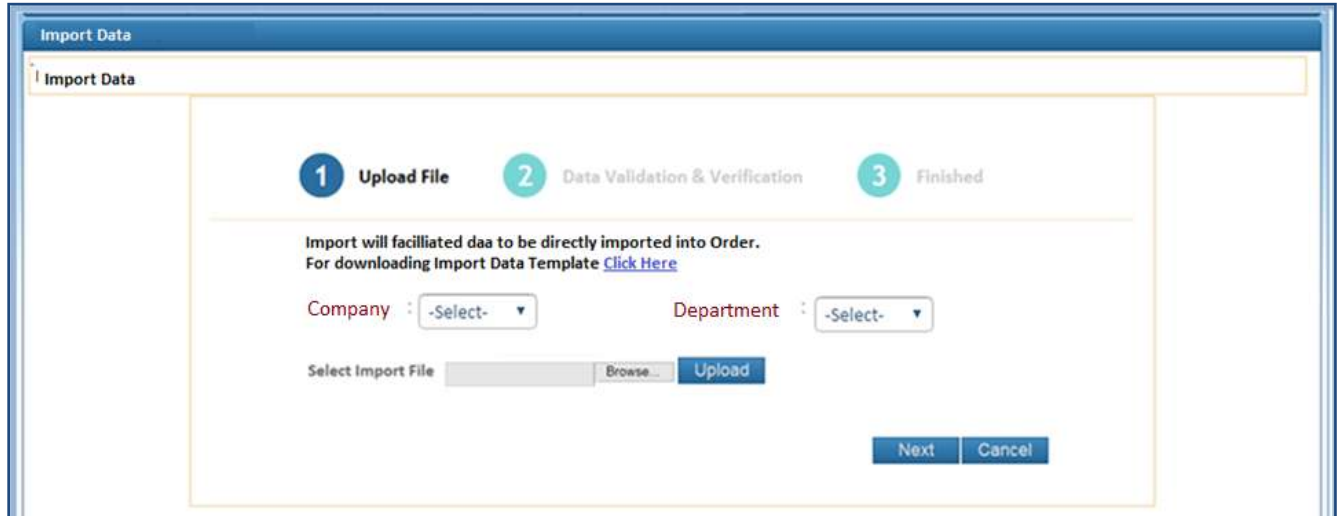
## 5.5 Image Import Price



**SKU Price Import Fig. 5.5.1**

This interface will be used by Admin to call SKU Price Import Interface

## Image Import Price



**Import Data**

1 Upload File      2 Data Validation & Verification      3 Finished

Import will facilitated daa to be directly imported into Order.  
 For downloading Import Data Template [Click Here](#)

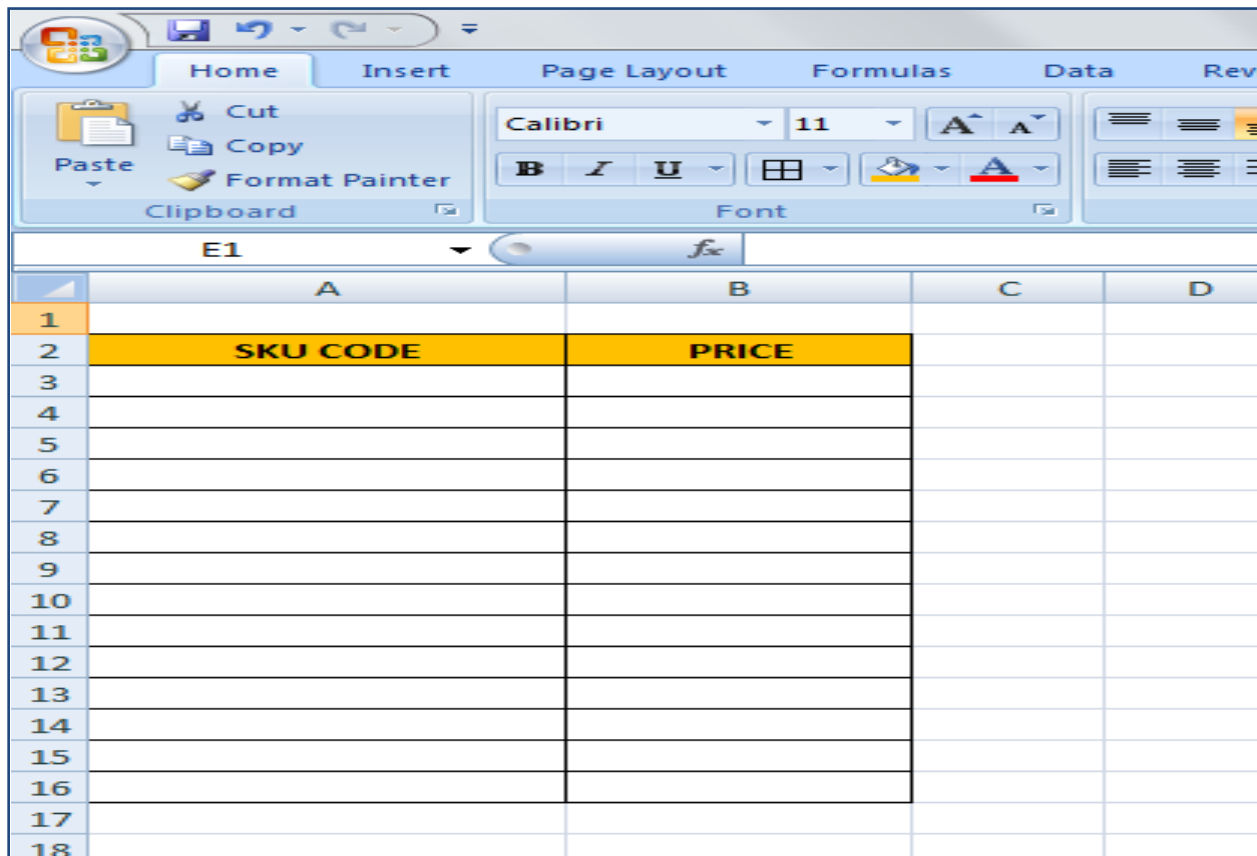
Company :       Department :

Select Import File

**SKU Price Import Fig. 5.5.2**

This interface will provide template for taking the SKU and Price input , This will validate SKU and price and update the SKU table

## Image Import Price



	A	B	C	D
1				
2	<b>SKU CODE</b>	<b>PRICE</b>		
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

**SKU Price Import Fig. 5.5.3**

SKU price import template

Import SKU Price

Import Sku Price

1 Upload File 2 Data Validation & Verification 3 Finished

All data are verified.Please click on next button.

WPS SKU Code	SKU Code	SKU Name	Description	Department	Price
01BN534280	01BN534280-10153-10100	01BN534280	1234567890123456789012345	Vodafone Network Rollout	2000.00
02122013	02122013-19-10206	02122013	SAPPRON (3 GRMS PCS) زعفران	MHE	3000.00
023955	023955-19-10206	023955	BOSE WBP S902A جوس ریب	MHE	1000.00
0522141T	0522141T-19-10206	0522141T	AL-OSRA SOFT SUGAR (5.5 KC)	MHE	4000.00

Next Back

**Step 2 :Data validation and verification open.**

Import SKU Price

Import Sku Price

1 Upload File 2 Data Validation & Verification 3 Finished

Data Importing Successfully Finished!

Finish

**Step 3: Finish**

### SKU Price Import Fig. 5.5.4

Data will be validated and imported in to the OMS

## 5.6 Utility

### Email Template

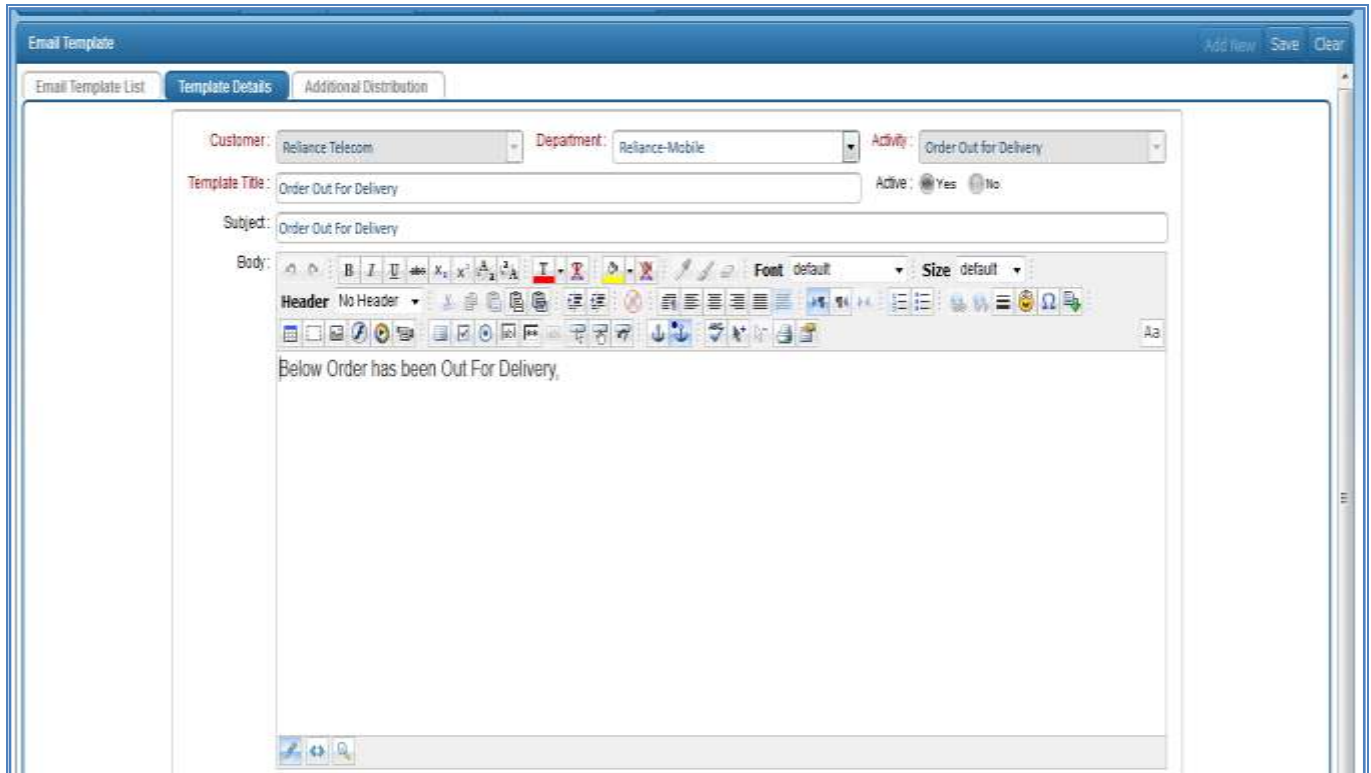


Edit	Template Title	Customer	Department	Activity	Active
	Order out for Delivery	Vodafone	Vodafone PB	Order Out for Delivery	Yes
	Order Return	Vodafone	Vodafone PB	Order Return	Yes
	Order Cancel By Requestor	Vodafone	Vodafone PB	Order Cancelled	Yes

**Email Template Fig. 5.6.1**

Three new template for Order Out for Delivery , Order Return and Order cancelled by requestor will be added

## Email Template



Customer: Reliance Telecom Department: Reliance-Mobile Activity: Order Out for Delivery

Template Title: Order Out For Delivery Active: ☒ Yes ☐ No

Subject: Order Out For Delivery

Body:

Below Order has been Out For Delivery,

Order out for delivery Fig. 5.6.2

## Email Template

The screenshot shows a web application window titled "Email Template". It has three tabs: "Email Template List", "Template Details" (which is active), and "Additional Distribution". The "Template Details" tab contains the following fields and controls:

- Customer:** A dropdown menu with "Reliance Telecom" selected.
- Department:** A dropdown menu with "Reliance-Mobile" selected.
- Activity:** A dropdown menu with "Order Return" selected.
- Template Title:** A text input field containing "Order Returned".
- Active:** Radio buttons for "Yes" (selected) and "No".
- Subject:** A text input field containing "Order Returned".
- Body:** A rich text editor area. The toolbar includes options for Bold, Italic, Underline, Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Link, Unlink, and Font/Size settings. The text in the body is "Below Order is Returned,".

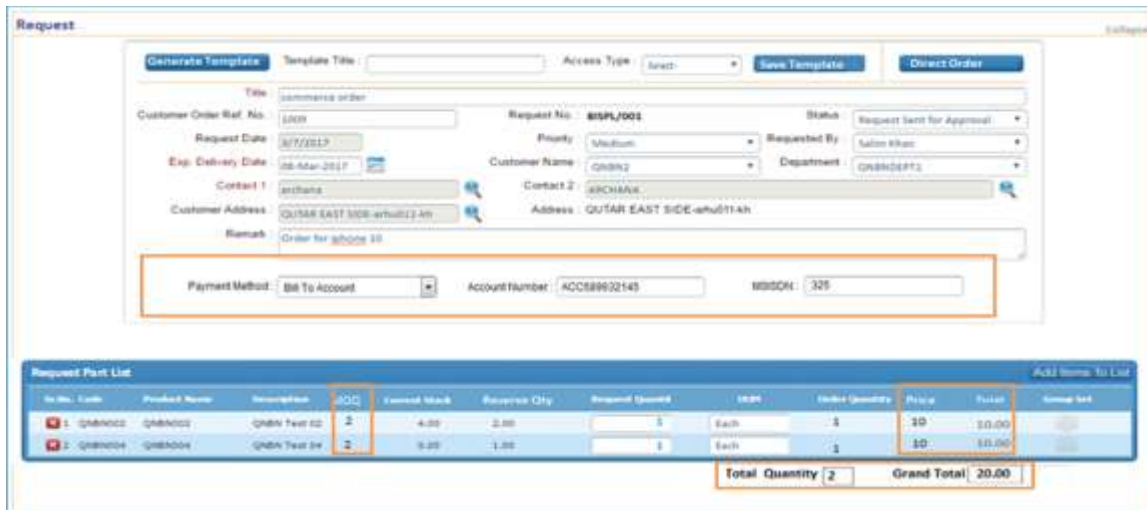
At the bottom of the window, there are three small icons: a magnifying glass, a refresh icon, and a save icon.

Order Return Fig. 5.6.3



## 5.7 Transaction

### Order Management



**Request**

Generate Template Template Title: Access Type: Save Template Direct Order

Title: Commerce order

Customer Order Ref. No: Request No: 815PL/001 Status: Request sent for Approval

Request Date: 3/7/2017 Priority: Medium Requested By: Salim Khan

Exp. Delivery Date: 28-Mar-2017 Customer Name: GNSN2 Department: GNSN2EPT2

Contact 1: archana Contact 2: ARCHANA

Customer Address: QATAR EAST SIDE-ahul11Ah Address: QATAR EAST SIDE-ahul11Ah

Remark: Order for iphone 5S

Payment Method: Bill To Account Account Number: ACC589602143 MSRON: 325

To Mo. Code	Product Name	Description	MOQ	Current Stock	Reserve Qty	Request Quantity	MSRN	Unit Price	Price	Total	Group Tot
1	iphone5s	iphone 5s	2	4.00	2.00	2	Each	10	10.00	20.00	
2	iphone5s	iphone 5s	2	9.00	1.00	1	Each	10	10.00	10.00	
<b>Total Quantity</b>								<b>2</b>	<b>Grand Total</b>		<b>20.00</b>

**Order Management Fig. 5.7.1**

Order Update for MOQ validation , Price , total Cost , Payment Method , Requestor Address



**Request**

**Document**

Document List

Drag a column header here to group by that column.

Delete	Document Title	Description	Key Words	Document Type	Download
There are no records available.					

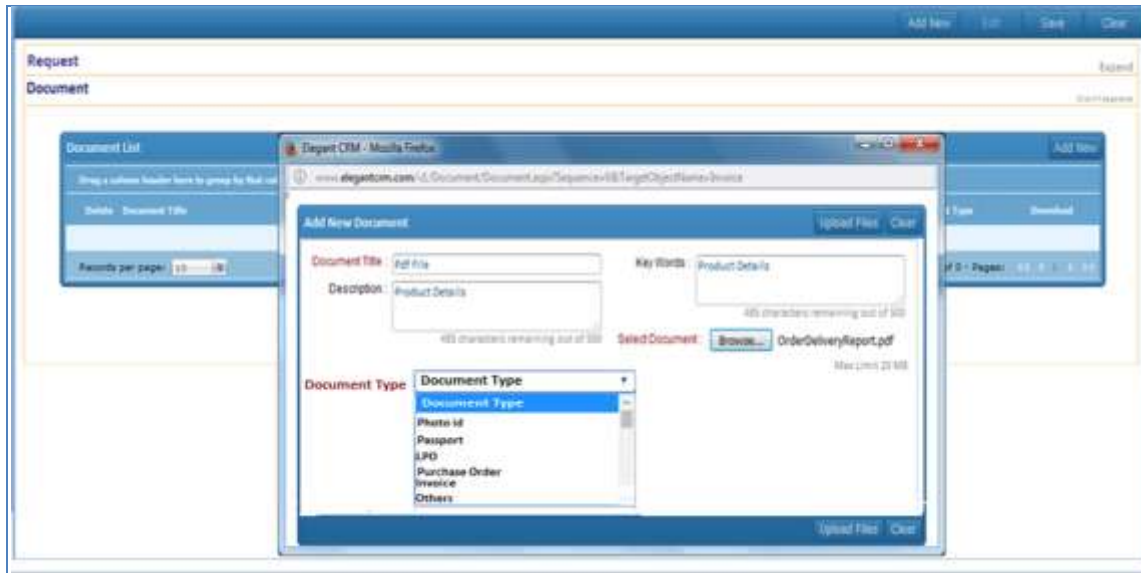
Records per page: 10

Show Filter Records: 0 - 0 of 0 - Pages: 0 - 0

**Order Management Fig. 5.7.2**

This interface will be use to attached document for the Order and all the order document like LPO , Photo Id will be visible through this interface

## Order Management



**Attach Document Fig. 5.7.3**

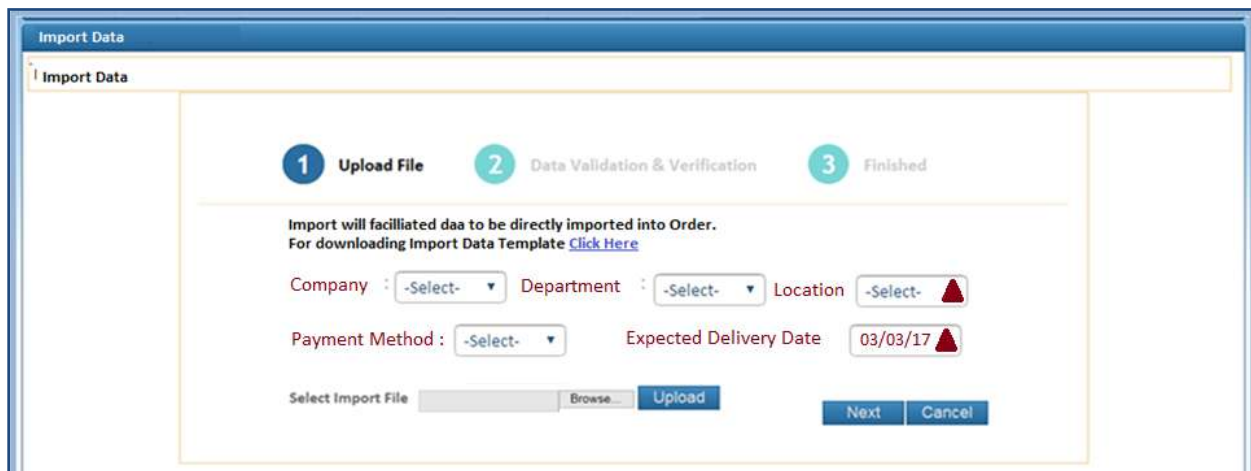
User will be able to select document enter the key word etc and attached multiple document for the order



**Attach Document Fig. 5.7.4**

User will be able to click on Download button to view / download the document

## 5.8 Direct Order



**Import Data**

1 Upload File    2 Data Validation & Verification    3 Finished

Import will be facilitated so as to be directly imported into Order.  
 For downloading Import Data Template [Click Here](#)

Company : -Select-    Department : -Select-    Location : -Select-    ▲

Payment Method : -Select-    Expected Delivery Date : 03/03/17    ▲

Select Import File  Browse...    Upload    Next    Cancel

**Direct Order Fig. 5.8.1**

User Select the order file to be imported, validate and generated



	A	B	C	D
1				
2	SKU CODE	QTY	PRICE	
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

**Direct Order Fig. 5.8.2**

Import template for Direct Order

Step 1:Download Excel Sheet and fill order Details

**Import Data**

Import Data

1 Upload File 2 Data Validation & Verification 3 Finished

All data are verified. Please click on next button.

Index	Product Name	Description	SKU	Current Stock	Requested Qty	Request Quantity	Unit	Order Quantity	Price	Total	Image Url
1	QNBH002	QNBH002	QNBH Text 02	2	4.00	1.00	Each	1	10	10.00	
2	QNBH002	QNBH002	QNBH Text 04	2	3.00	1.00	Each	1	30	30.00	

Next Back

**Step 2:Verify Order data.**

**Import Data**

Import data

1 Upload File 2 Data Validation & Verification 3 Finished

Data Importing Successfully Finished!

Finish

**Step 3:Finish**

**Direct Order Fig. 5.8.3**

## 5.9 Customized Order Number

**Request**

Add New Edit Save Clear

Request

Not Applicable Completed Pending Cancelled

Drag a column header here to group by that column.

Department	Request No.	Request Date	Title	Request Type	Request By	Request Status	Request	Approval	Dispatch
Reliance-Mobile	Rel/002	06-Mar-2017	Order 7	Medium	Snehal Atad	Composing			
Reliance-Mobile	Rel/003	06-Mar-2017	Order 6	Medium	Snehal Atad	Pending For Approval Level 2			
Reliance-Mobile	Rel/005	06-Mar-2017	order for test	Medium	Sayali Jadhav	Request Sent for Approval			
Reliance-Mobile	Rel/006	06-Mar-2017	order for test	Medium	Sayali Jadhav	Request Sent for Approval			
QNBDEPT1	BISPL/007	06-Mar-2017	order for test	Medium	Nazeem Azhar	Request Sent for Approval			
Reliance-Mobile	BISPL/009	06-Mar-2017	Test	Medium	Snehal Atad	Request Sent for Approval			
QNBDEPT1	BISPL/D10	04-Mar-2017	ORDER FOR MAIL	Medium	Abid Patel	Approved			
Vodafone Enterprise	BISPL/003	04-Mar-2017	order for test	Medium	Salim Khan	Request Sent for Approval			
QNBDEPT1	BISPL/012	03-Mar-2017	Order Title	High	Srinivas M	Request Sent for Approval			
QNBDEPT1	BISPL/088	03-Mar-2017	Order Title	High	Srinivas M	Request Sent for Approval			

Records per page: 10 20 30

Show Filter Records: 1 - 10 of 604 - Pages: 44 1 2 3 4 5 6 7 8 9 10

**Customized Order Number Fig. 5.9.1**

Unique Order Number will be generated based on the order pattern define

## Order Management

Request									
Request									
Drag a column header here to group by that column.									
Request No.	Department	Request Date	Title	Request Type	Request By	Request Status	Request	Approval	Dispatch
Rel/002	Reliance-Mobile	06-Mar-2017	Order 7	Medium	Snehal Atad	Rejected	Completed	Pending	Not Applicable
Rel/003	Reliance-Mobile	06-Mar-2017	Order 6	Medium	Snehal Atad	Pending For Approval Level 2	Completed	Pending	Not Applicable
Rel/005	Reliance-Mobile	06-Mar-2017	order for test	Medium	Sayali Jadhav	Request Sent for Approval	Completed	Pending	Not Applicable
Rel/006	Reliance-Mobile	06-Mar-2017	order for test	Medium	Sayali Jadhav	Request Sent for Approval	Completed	Pending	Not Applicable
BISPL/007	QNBDEPT1	06-Mar-2017	order for test	Medium	Nazeem Azhar	Request Sent for Approval	Completed	Pending	Not Applicable
BISPL/009	Reliance-Mobile	06-Mar-2017	Test	Medium	Snehal Atad	Request Sent for Approval	Completed	Pending	Not Applicable
BISPL/010	QNBDEPT1	04-Mar-2017	ORDER FOR MAIL	Medium	Abid Patel	Approved	Completed	Completed	Not Applicable
BISPL/003	Vodafone Enterpris	04-Mar-2017	order for test	Medium	Salim Khan	Request Sent for Approval	Completed	Pending	Not Applicable
BISPL/012	QNBDEPT1	03-Mar-2017	Order Title	High	Srinivas M	Request Sent for Approval	Completed	Pending	Not Applicable
BISPL/088	QNBDEPT1	03-Mar-2017	Order Title	High	Srinivas M	Request Sent for Approval	Completed	Pending	Not Applicable

### Approval with Order no Fig. 5.9.2

Order Approval with Customized Unique order Number

## Order Management

ROLE	APPROVAL LEVEL	EVENT TO SET THE APPROVER	ORDER APPROVAL	ORDER REJECT	ORDER APPROVAL WITH REVISION	
					PRICE EDIT ( IF Department Set )	SKU / QTY EDIT
FINANCIAL APPROVER	FIRST LEVEL	ON ORDER SUBMISSION WITH COST CHANGE	Yes	Yes	Yes	No
GENERAL APPROVAL	As per department level Configuration	ON ORDER SUBMISSION	YES	YES	No	Yes
COST CENTER APPROVAL	LAST LEVEL	ON ORDER SUBMISSION WITH PAYMENT METHOD FOC	YES	YES	No	No

### Approval with Order no Fig. 5.9.3

Approval Sequence

## 5.10 Order Cancellation

Request									
							Add New	Edit	Save
							Clear		
Request							Cancel Order	Not Applicable	Completed
							Pending	Cancelled	
Drag a column header here to group by that column.									
Request No	Department	Request Date	Title	Request Type	Request By	Request Status	Request	Approval	Dispatch
Rel/001	Reliance-Mobile	06-Mar-2017	Order 7	Medium	Snehal Atad	Cancel By Requestor	Completed	Pending	Not Applicable
Rel/002	Reliance-Mobile	06-Mar-2017	Order 6	Medium	Snehal Atad	Cancel By Requestor	Completed	Pending	Not Applicable
Rel/003	Reliance-Mobile	06-Mar-2017	order for test	Medium	Sayali Jadhav	Request Sent for Approval	Completed	Pending	Not Applicable
Rel/004	Reliance-Mobile	06-Mar-2017	order for test	Medium	Sayali Jadhav	Cancel By Requestor	Completed	Pending	Not Applicable
QNB/001	QNBDEPT1	06-Mar-2017	order for test	Medium	Nazeem Azhar	Request Sent for Approval	Completed	Pending	Not Applicable
Rel/005	Reliance-Mobile	06-Mar-2017	Test	Medium	Snehal Atad	Cancel By Requestor	Completed	Pending	Not Applicable
QNB/002	QNBDEPT1	04-Mar-2017	ORDER FOR MAIL	Medium	Abid Patel	Approved	Completed	Completed	Pending
Voda/001	Vodafone Enterprise	04-Mar-2017	order for test	Medium	Salim Khan	Cancel By Requestor	Completed	Pending	Not Applicable
QNB/003	QNBDEPT1	03-Mar-2017	Order Title	High	Srinivas M	Request Sent for Approval	Completed	Pending	Not Applicable
QNB/004	QNBDEPT1	03-Mar-2017	Order Title	High	Srinivas M	Cancel By Requestor	Completed	Pending	Not Applicable
Records per page: 10									
Show Filter - Records: 1 - 10 of 604 - Pages: 1 2 3 4 5 6 7 8 9 10									

**Order Cancellation Fig. 5.10.1**

- Requestor can Cancel order by selecting or multiple Order nos.
- Requestor Can cancelled Order using cancel order Interface

## Order Management

Request

Cancel Order

Not Applicable Completed Pending Cancelled

Drag a column header here to group by that column.

Request No.	Department	Request Date	Title	Request Type	Request By	Request Status	Request	Approval	Dispatch
Rel/001	Reliance-Mobile	06-Mar-2017	Order for test	Medium	Shyam Jaiswal	Cancel By Requestor	Completed	Pending	Cancelled
Rel/002	Reliance-Mobile	06-Mar-2017	Order for test	Medium	Shyam Jaiswal	Cancel By Requestor	Completed	Pending	Cancelled
Rel/003	Reliance-Mobile	06-Mar-2017	Order for test	Medium	Shyam Jaiswal	Cancel By Requestor	Completed	Pending	Cancelled
QWBN/001	QWBN/DEPT1	06-Mar-2017	Order for test	Medium	Nazeem Azhar	Request Sent for Approval	Completed	Pending	Cancelled
Rel/006	Reliance-Mobile	06-Mar-2017	Test	Medium	Snehal Atad	Cancel By Requestor	Completed	Pending	Cancelled
QWBN/002	QWBN/DEPT1	04-Mar-2017	ORDER FOR MAIL	Medium	Abid Patel	Approved	Completed	Pending	Cancelled
Voda/001	Vodafone Enterprise	04-Mar-2017	Order for test	Medium	Salim Khan	Cancel By Requestor	Completed	Pending	Cancelled
QWBN/003	QWBN/DEPT1	03-Mar-2017	Order Title	High	Srinivas M	Request Sent for Approval	Completed	Pending	Cancelled
QWBN/004	QWBN/DEPT1	03-Mar-2017	Order Title	High	Srinivas M	Cancel By Requestor	Completed	Pending	Cancelled

Records per page: 10 18

Show Filter Records: 1 of 10 of 604 Pages: 1 2 3 4 5 6 7 8 9 10

Order Cancellation Confirmation Fig.5.10.2

## 5.11 Dispatch- Allocate Driver

Dispatch

Allocate Driver

Not Applicable Completed Pending Cancelled

Drag a column header here to group by that column.

Request No.	Department	Request Date	Exp. Delivery Date	Title	Request Type	Request By	Request Status	Delivery Type	Request	Approval	Dispatch
1314	QWBN/DEPT1	15-Feb-2017	23-Feb-2017	ORDER	Medium	Nazeem Azhar	Out For Delivery	Prime	Completed	Completed	Completed
1312	QWBN/DEPT1	15-Feb-2017	16-Feb-2017	order for mut.	Medium	Abid Patel	Dispatch		Completed	Completed	Completed
1005	QWBN/DEPT1	10-Feb-2017	24-Feb-2017	order for test req	Medium	Nazeem Azhar	Dispatch	Regular	Completed	Completed	Completed
1003	QWBN/DEPT1	09-Feb-2017	09-Feb-2017	test for temp12	Medium	Nazeem Azhar	Out For Delivery		Completed	Completed	Completed
1002	QWBN/DEPT1	09-Feb-2017	09-Feb-2017	test for temp	Medium	Nazeem Azhar	Dispatch	Prime	Completed	Completed	Completed
995	QWBN/DEPT1	09-Feb-2017	23-Feb-2017	ready for dispatch	Medium	Nazeem Azhar	Out For Delivery		Completed	Completed	Completed
994	QWBN/DEPT1	09-Feb-2017	09-Feb-2017	order for dispatch	Medium	Nazeem Azhar	Dispatch		Completed	Completed	Completed
987	QWBN/DEPT1	06-Feb-2017	15-Feb-2017	ORDER FOR RAHUL	Medium	Nazeem Azhar	Dispatch		Completed	Completed	Completed
986	QWBN/DEPT1	06-Feb-2017	09-Mar-2017	Order for new email template	Medium	Nazeem Azhar	Out For Delivery		Completed	Completed	Completed
977	QWBN/DEPT1	03-Feb-2017	17-Feb-2017	Repet order	Medium	Nazeem Azhar	Dispatch		Completed	Completed	Completed

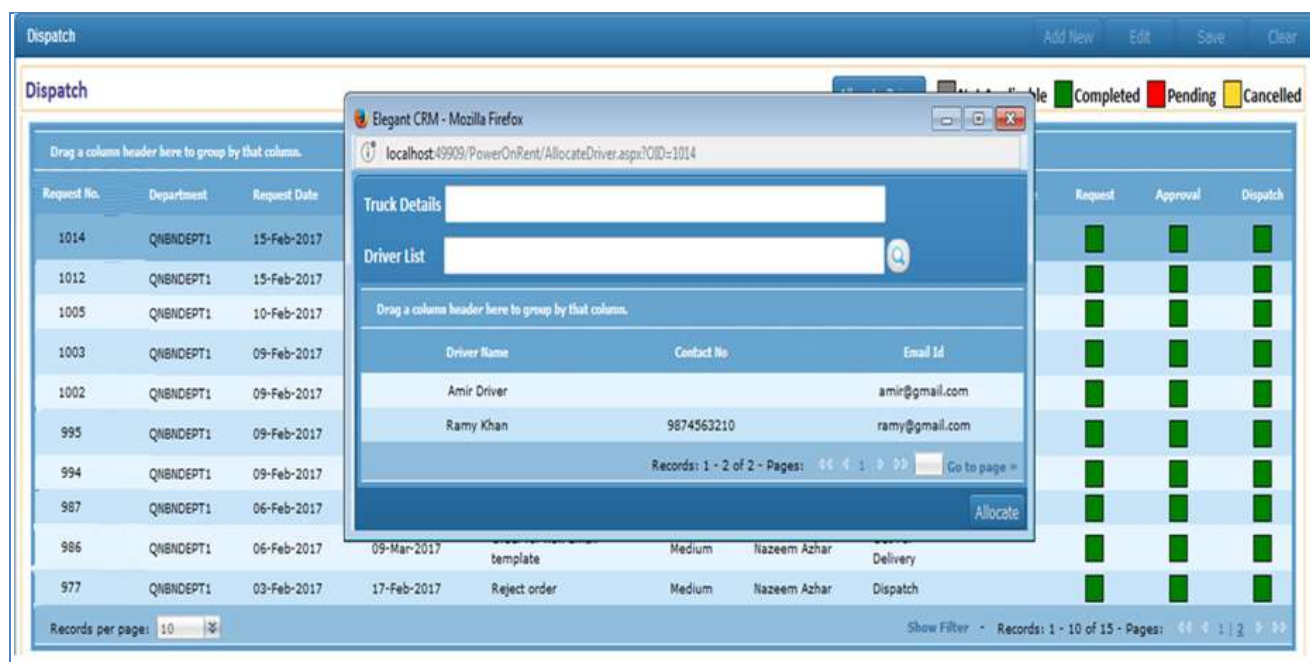
Records per page: 10 18

Show Filter Records: 1 of 10 of 13 Pages: 1 2 3 4 5 6 7 8 9 10

### Dispatch – Allocate Driver Fig. 5.11.1

Admin Can Allocate Driver for “Ready For Pick Up ”Request status

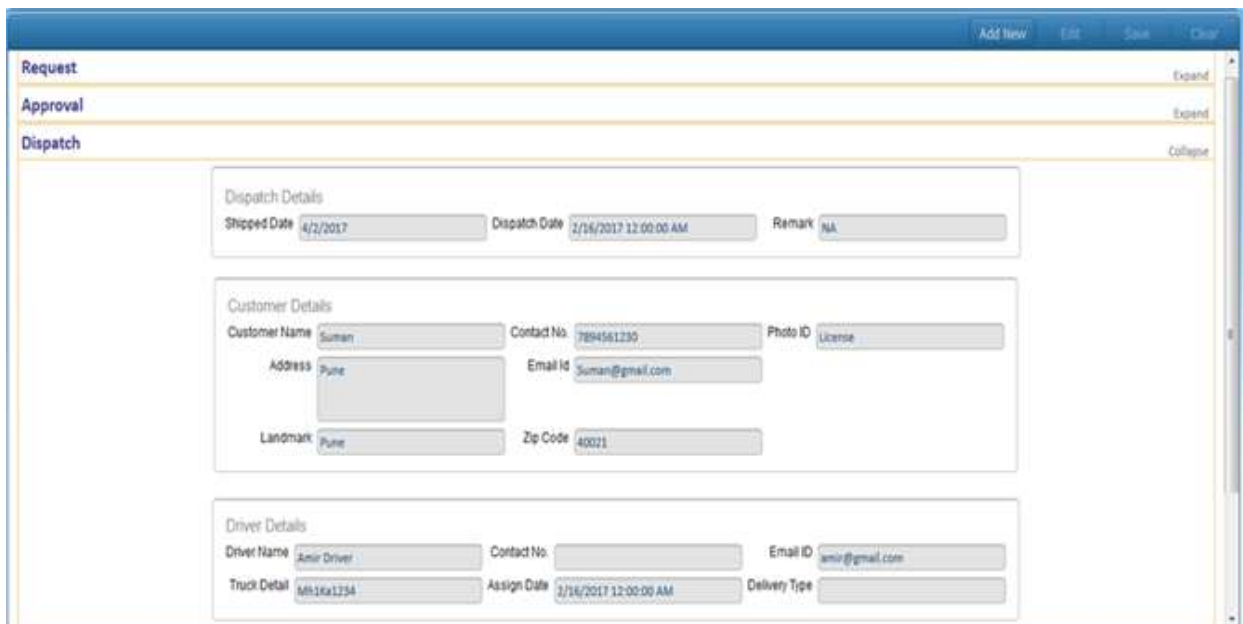
Dispatch Interface updated for Driver allocation



### Allocate Driver Fig. 5.11.2

- Select or search Driver from the list and click on Allocate button.

Allocate driver to the Delivery



The screenshot displays a web application interface for Driver Management. It features three main sections: Request, Approval, and Dispatch. The Dispatch section is expanded, showing three detail panels: Dispatch Details, Customer Details, and Driver Details. Each panel contains several input fields with pre-filled or default values.

Dispatch Details		
Shipped Date	4/2/2017	Dispatch Date
		2/16/2017 12:00:00 AM
Remark	NA	

Customer Details		
Customer Name	Suman	Contact No.
		7894561235
Address	Pune	Photo ID
		License
Landmark	Pune	Email Id
		Suman@gmail.com
Zip Code	40021	

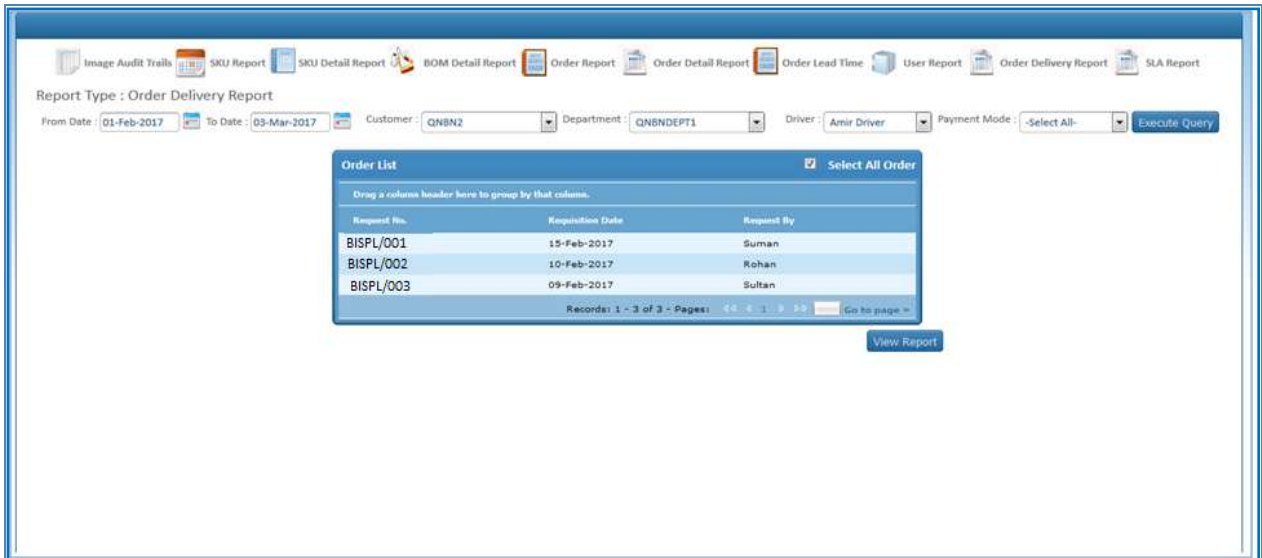
Driver Details		
Driver Name	Amir Driver	Contact No.
Truck Detail	MH1KA1234	Email ID
		amir@gmail.com
Assign Date	2/16/2017 12:00:00 AM	
Delivery Type		

**Driver Management Fig. 5.11.3**

- Dispatch details display Customer and Driver Details

Dispatch Details

## 5.12 Delivery Report




The screenshot shows the 'Order Delivery Report' interface. At the top, there is a navigation bar with icons for various reports: Image Audit Trails, SKU Report, SKU Detail Report, BOM Detail Report, Order Report, Order Detail Report, Order Lead Time, User Report, Order Delivery Report (highlighted), and SLA Report. Below the navigation bar, the 'Report Type : Order Delivery Report' is displayed. The main area contains filters for 'From Date' (01-Feb-2017), 'To Date' (03-Mar-2017), 'Customer' (QNBN2), 'Department' (QNBNDEPT1), 'Driver' (Amir Driver), and 'Payment Mode' (-Select All-). An 'Execute Query' button is located to the right of these filters. Below the filters, an 'Order List' table is shown with a 'Select All Order' checkbox. The table has three columns: 'Request No.', 'Requisition Date', and 'Request By'. It contains three rows of data. At the bottom of the table, it shows 'Records: 1 - 3 of 3' and 'Pages: 1 - 1'. A 'View Report' button is located at the bottom right of the table.

Request No.	Requisition Date	Request By
BISPL/001	15-Feb-2017	Suman
BISPL/002	10-Feb-2017	Rohan
BISPL/003	09-Feb-2017	Sultan

**Delivery Report Fig. 5.12.1**











- Order Delivery Report

 <p>D Ring Road - Doha, Qatar P O Box 24434 Tel: +974 4449 3000 Fax: +974 4449 3100 E-mail: info@gulfwarehousing.com Website: www.gulfwarehousing.com</p>						
Order Delivery Report						
Company	QBNB2			Department	QBNBDEPT1	
Driver	Amir Driver			Payment Mode	All	
From Date	01-Feb-17			To Date	03-Mar-17	
Order Id	Order Date	Department	Delivery Date	Payment Mode	Remark	Status
BISPL/001	15-Feb-17	QBNBDEPT1	16-Feb-17	Cash	Paid	Dispatch
BISPL/002	10-Feb-17	QBNBDEPT1	13-Feb-17	Cash	Paid	Dispatch
BISPL/003	09-Feb-17	QBNBDEPT1	13-Feb-17	Card	Paid	Dispatch

**Delivery Report Fig. 5.12.2**

- Order Delivery Report Will generate in PDF and Excel Format

## 5.13 SLA Report

Report Type : Service Level Agreement Report

From Date : 01-Feb-2017 To Date : 03-Mar-2017 Customer : QBNB2 Department : QBNBDEPT1 Status : -Select All- Driver : -Select All- Delivery Type : -Select All-

**Order List** ☒ Select All Order

Drag a column header here to group by that column.

Request No.	Requestion Date	Request By
BISPL/001	10-Feb-2017	Rohan
BISPL/002	09-Feb-2017	Sultan
BISPL/003	15-Feb-2017	Ramesh

Records: 1 - 3 of 3 - Pages: << < 1 > >> Go to page:

[View Report](#)

**SLA Report Fig. 5.13.1**

1 of 1 Find | Next

**GWC**  
D Ring Road - Doha, Qatar  
P O Box 24434  
Tel: +974 4449 3000  
Fax: +974 4449 3100  
E-mail: info@gulfwarehousing.com  
Website: www.gulfwarehousing.com

**Service Level Agreement Report**

<b>Company</b>	QBNB2	<b>Department</b>	QBNBDEPT1
<b>Delivery Type</b>	All	<b>Driver</b>	All
<b>From Date</b>	01-Feb-17	<b>To Date</b>	03-Mar-17

Order Id	Requested Date	Exp. Delivery Date	Approved Date	Ready For Dispatch Date	Delivery Date	Delivery Type	Delivery Days	Meet To SLA
BISPL/001	10-Feb-17	24-Feb-17	10-Feb-17	10/2/2017	13-Feb-17	Regular	3	Yes
BISPL/002	09-Feb-17	09-Feb-17	09-Feb-17	9/2/2017	13-Feb-17	Prime	4	Yes
BISPL/003	15-Feb-17	23-Feb-17	15-Feb-17	4/2/2017		Prime	-736374	No

**SLA Report Fig. 5.13.2**

- SLA report will generate in PDF and Excel Format

## 5.14 Requested vs Actual Delivery Report

Image Audit Trails SKU Report SKU Detail Report BOM Detail Report Order Report Order Detail Report Order Lead Time User Report Total Delivery vs Total Request

Report Type : Total Delivery Vs Total Request


From Date : 01-Mar-2017 To Date : 08-Mar-2017 Customer : ABBOTT Department : -SelectAll- Execute Query

SKU Code	SKU Name	Description
bom archana	bom archana12	
QBNB-BOM	BOM-QBNB1	
QBNB-BOM1	QBNB-BOM1	
QBNB-BOM3 SK	QBNB-BOM3 SK	
BOM-QBNB121	BOM-QBNB	

Records per page: 5 10 20 50 100 200 500 1000 1500 2000 3000 4000 5000 6000 7000 8000 9000 10000 15000 20000 30000 40000 50000 60000 70000 80000 90000 100000 150000 200000 300000 400000 500000 600000 700000 800000 900000 1000000 1500000 2000000 3000000 4000000 5000000 6000000 7000000 8000000 9000000 10000000 15000000 20000000 30000000 40000000 50000000 60000000 70000000 80000000 90000000 100000000 150000000 200000000 300000000 400000000 500000000 600000000 700000000 800000000 900000000 1000000000 1500000000 2000000000 3000000000 4000000000 5000000000 6000000000 7000000000 8000000000 9000000000 10000000000 15000000000 20000000000 30000000000 40000000000 50000000000 60000000000 70000000000 80000000000 90000000000 100000000000 150000000000 200000000000 300000000000 400000000000 500000000000 600000000000 700000000000 800000000000 900000000000 1000000000000 1500000000000 2000000000000 3000000000000 4000000000000 5000000000000 6000000000000 7000000000000 8000000000000 9000000000000 10000000000000 15000000000000 20000000000000 30000000000000 40000000000000 50000000000000 60000000000000 70000000000000 80000000000000 90000000000000 100000000000000 150000000000000 200000000000000 300000000000000 400000000000000 500000000000000 600000000000000 700000000000000 800000000000000 900000000000000 1000000000000000 1500000000000000 2000000000000000 3000000000000000 4000000000000000 5000000000000000 6000000000000000 7000000000000000 8000000000000000 9000000000000000 10000000000000000 15000000000000000 20000000000000000 30000000000000000 40000000000000000 50000000000000000 60000000000000000 70000000000000000 80000000000000000 90000000000000000 100000000000000000 150000000000000000 200000000000000000 300000000000000000 400000000000000000 500000000000000000 600000000000000000 700000000000000000 800000000000000000 900000000000000000 1000000000000000000 1500000000000000000 2000000000000000000 3000000000000000000 4000000000000000000 5000000000000000000 6000000000000000000 7000000000000000000 8000000000000000000 9000000000000000000 10000000000000000000 15000000000000000000 20000000000000000000 30000000000000000000 40000000000000000000 50000000000000000000 60000000000000000000 70000000000000000000 80000000000000000000 90000000000000000000 100000000000000000000 150000000000000000000 200000000000000000000 300000000000000000000 400000000000000000000 500000000000000000000 600000000000000000000 700000000000000000000 800000000000000000000 900000000000000000000 1000000000000000000000 1500000000000000000000 2000000000000000000000 3000000000000000000000 4000000000000000000000 5000000000000000000000 6000000000000000000000 7000000000000000000000 8000000000000000000000 9000000000000000000000 10000000000000000000000 15000000000000000000000 20000000000000000000000 30000000000000000000000 40000000000000000000000 50000000000000000000000 60000000000000000000000 70000000000000000000000 80000000000000000000000 90000000000000000000000 100000000000000000000000 150000000000000000000000 200000000000000000000000 300000000000000000000000 400000000000000000000000 500000000000000000000000 600000000000000000000000 700000000000000000000000 800000000000000000000000 900000000000000000000000 1000000000000000000000000 1500000000000000000000000 2000000000000000000000000 3000000000000000000000000 4000000000000000000000000 5000000000000000000000000 6000000000000000000000000 7000000000000000000000000 8000000000000000000000000 9000000000000000000000000 10000000000000000000000000 15000000000000000000000000 20000000000000000000000000 30000000000000000000000000 40000000000000000000000000 50000000000000000000000000 60000000000000000000000000 70000000000000000000000000 80000000000000000000000000 90000000000000000000000000 100000000000000000000000000 150000000000000000000000000 200000000000000000000000000 300000000000000000000000000 400000000000000000000000000 500000000000000000000000000 600000000000000000000000000 700000000000000000000000000 800000000000000000000000000 900000000000000000000000000 1000000000000000000000000000 1500000000000000000000000000 2000000000000000000000000000 3000000000000000000000000000 4000000000000000000000000000 5000000000000000000000000000 6000000000000000000000000000 7000000000000000000000000000 8000000000000000000000000000 9000000000000000000000000000 10000000000000000000000000000 15000000000000000000000000000 20000000000000000000000000000 30000000000000000000000000000 40000000000000000000000000000 50000000000000000000000000000 60000000000000000000000000000 70000000000000000000000000000 80000000000000000000000000000 90000000000000000000000000000 100000000000000000000000000000 150000000000000000000000000000 200000000000000000000000000000 300000000000000000000000000000 400000000000000000000000000000 500000000000000000000000000000 600000000000000000000000000000 700000000000000000000000000000 800000000000000000000000000000 900000000000000000000000000000 1000000000000000000000000000000 1500000000000000000000000000000 2000000000000000000000000000000 3000000000000000000000000000000 4000000000000000000000000000000 5000000000000000000000000000000 6000000000000000000000000000000 7000000000000000000000000000000 8000000000000000000000000000000 9000000000000000000000000000000 10000000000000000000000000000000 15000000000000000000000000000000 20000000000000000000000000000000 30000000000000000000000000000000 40000000000000000000000000000000 50000000000000000000000000000000 60000000000000000000000000000000 70000000000000000000000000000000 80000000000000000000000000000000 90000000000000000000000000000000 100000000000000000000000000000000 150000000000000000000000000000000 200000000000000000000000000000000 300000000000000000000000000000000 400000000000000000000000000000000 500000000000000000000000000000000 600000000000000000000000000000000 700000000000000000000000000000000 800000000000000000000000000000000 900000000000000000000000000000000 1000000000000000000000000000000000 1500000000000000000000000000000000 2000000000000000000000000000000000 3000000000000000000000000000000000 4000000000000000000000000000000000 5000000000000000000000000000000000 6000000000000000000000000000000000 7000000000000000000000000000000000 8000000000000000000000000000000000 9000000000000000000000000000000000 10000000000000000000000000000000000 15000000000000000000000000000000000 20000000000000000000000000000000000 30000000000000000000000000000000000 40000000000000000000000000000000000 50000000000000000000000000000000000 60000000000000000000000000000000000 70000000000000000000000000000000000 80000000000000000000000000000000000 90000000000000000000000000000000000 100000000000000000000000000000000000 150000000000000000000000000000000000 200000000000000000000000000000000000 300000000000000000000000000000000000 400000000000000000000000000000000000 500000000000000000000000000000000000 600000000000000000000000000000000000 700000000000000000000000000000000000 800000000000000000000000000000000000 900000000000000000000000000000000000 1000000000000000000000000000000000000 1500000000000000000000000000000000000 2000000000000000000000000000000000000 3000000000000000000000000000000000000 4000000000000000000000000000000000000 5000000000000000000000000000000000000 6000000000000000000000000000000000000 7000000000000000000000000000000000000 8000000000000000000000000000000000000 9000000000000000000000000000000000000 10000000000000000000000000000000000000 15000000000000000000000000000000000000 20000000000000000000000000000000000000 30000000000000000000000000000000000000 40000000000000000000000000000000000000 50000000000000000000000000000000000000 60000000000000000000000000000000000000 70000000000000000000000000000000000000 80000000000000000000000000000000000000 90000000000000000000000000000000000000 100000000000000000000000000000000000000 150000000000000000000000000000000000000 200000000000000000000000000000000000000 300000000000000000000000000000000000000 400000000000000000000000000000000000000 500000000000000000000000000000000000000 600000000000000000000000000000000000000 700000000000000000000000000000000000000 800000000000000000000000000000000000000 900000000000000000000000000000000000000 1000000000000000000000000000000000000000 1500000000000000000000000000000000000000 2000000000000000000000000000000000000000 3000000000000000000000000000000000000000 4000000000000000000000000000000000000000 5000000000000000000000000000000000000000 6000000000000000000000000000000000000000 7000000000000000000000000000000000000000 8000000000000000000000000000000000000000 9000000000000000000000000000000000000000 100 15000000000000000000000000000000000000000 200 300 400 500 600 700 800 900 1000 1500 2000 3000 4000 5000 6000 7000 8000 9000 100 15000 200 300 400 500 600 700 800 900 1000 1500 2000 3000 4000 5000 6000 7000 8000 9000 100 15000 200 300 400 500 600 700 800 900 1000 1500 2000 3000 4000000000

### Requested vs Actual Delivery Fig. 5.14.1

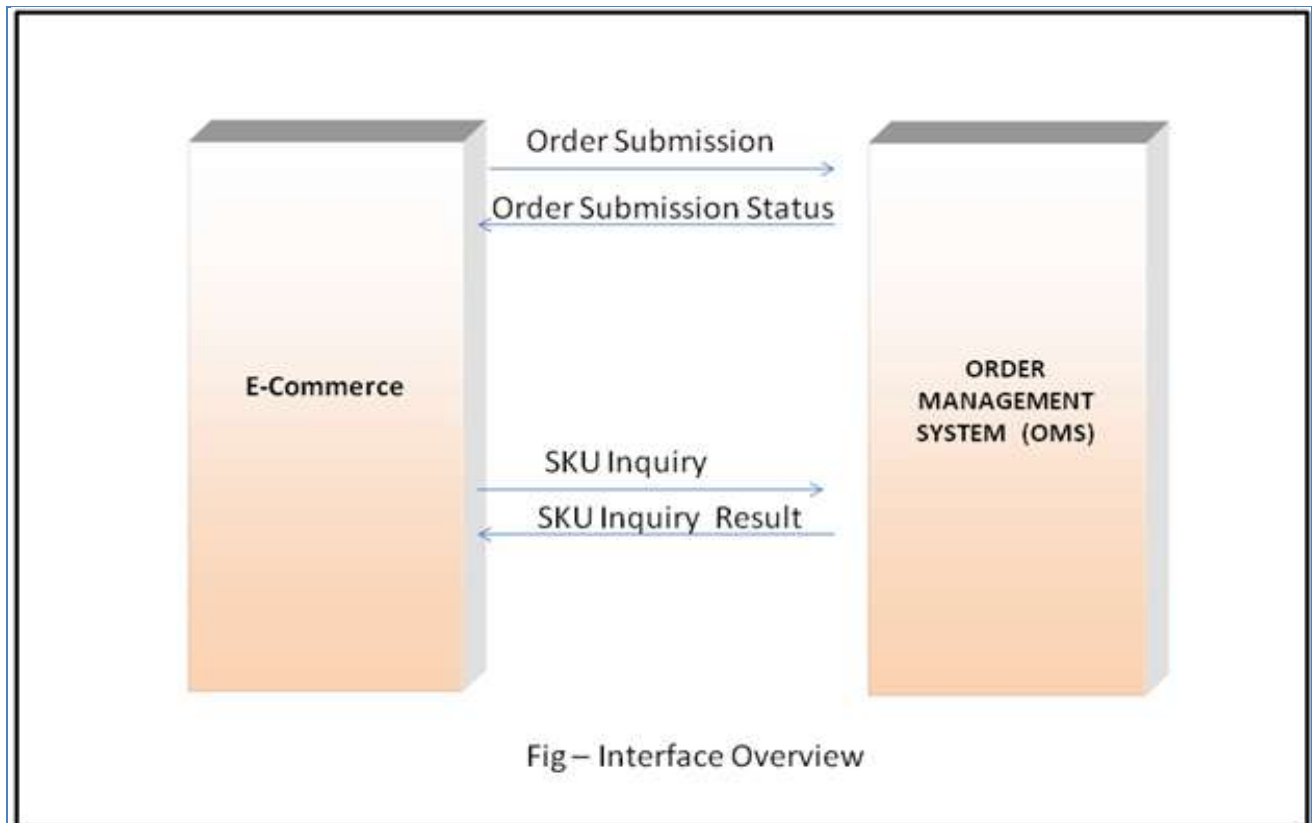
- Total Delivery VS Total Request Report

 D Ring Road - Doha, Qatar P O Box 24434 Tel: +974 4449 3000 Fax: +974 4449 3100 E-mail: info@gulfwarehousing.com Website: www.gulfwarehousing.com					
<b>Total Delivery Vs Total Request</b>					
<b>Company</b>		QNBN2		<b>Department</b>	
<b>From Date</b>		18-02-2017		<b>To Date</b>	
				07-03-2017	
<b>SkuCode</b>	<b>Sku Name</b>	<b>Order ID</b>	<b>Requested Date</b>	<b>Order Qty</b>	<b>Delivery Qty</b>
QNBN- BOM	BOM-QNBN1	QNBN/001	18-02-2017	1000	1000

### Requested vs Delivered Report Fig. 5.14.2

- Total Delivery VS Total Request Report Will generate in CSV Format

## 5.15 API Interface



**API Interface Fig. 5.15.1**

## API Interface

Interface Title	Order Submission	Destination	OMS
Purpose	This interface will be called by E-Commerce to submit the Order. E-Commerce System will collect customer information, product detail, qty etc, Amount, Dispatch detail, Payment details, delivery type etc and call OMS API and pass this information through XML. OMS validate the order input and create new order for the input provided by E-Commerce. In case of success it sends requests with flag success and Order Number. For Failure OMS send xml with requestmsg field and Failure and order id as Blank.		
Input	<b><u>E-Commerce Order Input ( XML )</u></b> <pre> &lt;gwclnfo&gt;   &lt;newordereentrylnfo&gt;     &lt;TotalAmount&gt;1000&lt;/TotalAmount&gt;     &lt;ProductDetails&gt;20507  1.00 20508 3.00 20509 2.00&lt;/ProductDetails&gt;     &lt;CustomerName&gt;Rajesh Kumar&lt;/CustomerName&gt;     &lt;Address&gt;Sutanwadi ,Pashan ,Pune.&lt;/Address&gt;     &lt;Landmark&gt;Near Bus Stand&lt;/Landmark&gt;     &lt;Zipcode&gt;400021&lt;/Zipcode&gt;     &lt;DeliveryType&gt;Prime&lt;/DeliveryType&gt;     &lt;EmailId&gt;rajesh@gmail.com&lt;/EmailId&gt;     &lt;ContactNo&gt;7894561230&lt;/ContactNo&gt;     &lt;PaymentMode&gt;Card&lt;/PaymentMode&gt;     &lt;CardNo&gt;87945612345678&lt;/CardNo&gt;     &lt;PaymentDate&gt;04-03-2017&lt;/PaymentDate&gt;   &lt;/newordereentrylnfo&gt; &lt;/gwclnfo&gt;           </pre>		
Output	<pre> 1. Order Submission Successful &lt;gwclnfo&gt;   &lt;newordereentrylnfo&gt;     &lt;requestmsg&gt;success&lt;/requestmsg&gt;     &lt;orderno&gt;Order ID: 1026&lt;/orderno&gt;   &lt;/newordereentrylnfo&gt; &lt;/gwclnfo&gt;  2. Order Submission Failure &lt;gwclnfo&gt;   &lt;newordereentrylnfo&gt;     &lt;requestmsg&gt;Failure&lt;/requestmsg&gt;     &lt;/orderno&gt;   &lt;/newordereentrylnfo&gt; &lt;/gwclnfo&gt;           </pre>		
Remark Assumption	Product details tags contains multiple product attributes like SKU ID   SKU QTY   1. Only one Store per Company is available E-Commerce transaction i.e. Vodafone will have only one store setup in OMS for e-commerce order processing		

**E- Commerce Order Submission Fig. 5.15.2**

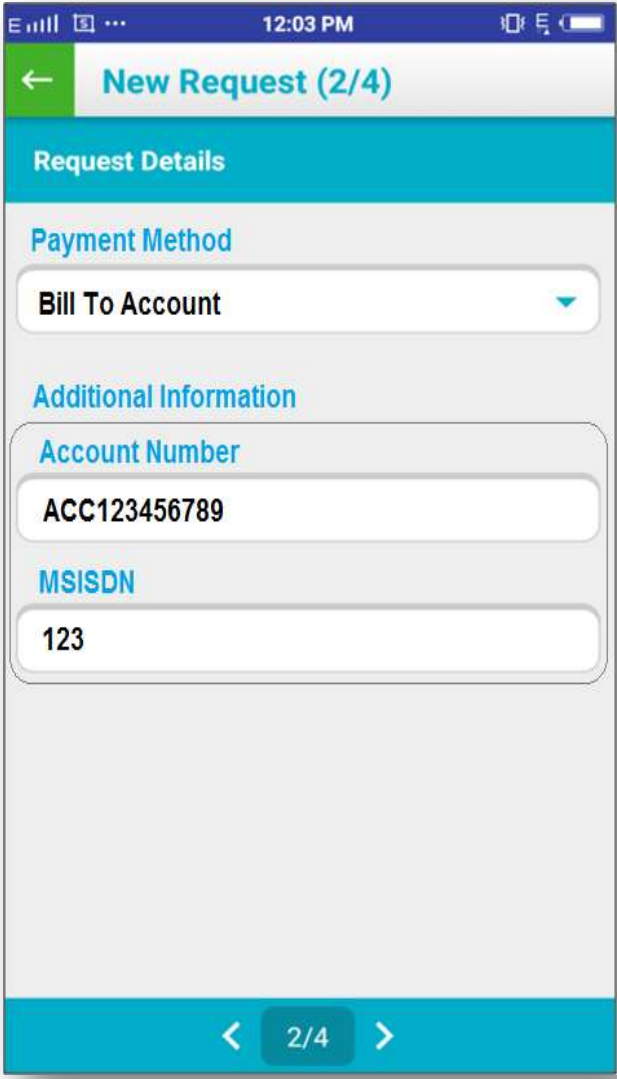


## API Interface

Interface Title	Sku Inquiry	Destination	OMS
Purpose	This interface will be called by E-Commerce to get Sku Details like available balance , price , Description , Image etc .		
Input	<pre> &lt;gwInfo&gt;   &lt;skuDetails&gt;     &lt;skuId&gt;20507&lt;/skuId&gt;   &lt;/skuDetails&gt; &lt;/gwInfo&gt; </pre>		
Output	<p>1. SKU Inquiry Success -</p> <pre> &lt;gwInfo&gt;   &lt;requestMsg&gt;success&lt;/requestMsg&gt;   &lt;skuDetails&gt;     &lt;skuId&gt;20507&lt;/skuId&gt;     &lt;skuName&gt;PPPS&lt;/skuName&gt;     &lt;skuDescription&gt;PPPS Description&lt;/skuDescription&gt;     &lt;availableBalance&gt;8.00&lt;/availableBalance&gt;     &lt;price&gt;8.00&lt;/price&gt;     &lt;skuImage&gt;System.Byte[]&lt;/skuImage&gt;   &lt;/skuDetails&gt; &lt;/gwInfo&gt; </pre> <p>2. SKU Inquiry Failure -</p> <pre> &lt;gwInfo&gt;   &lt;requestMsg&gt;failed&lt;/requestMsg&gt;   &lt;skuDetails&gt;     &lt;/skuId&gt;     &lt;/skuName&gt;     &lt;/skuDescription&gt;     &lt;/availableBalance&gt;     &lt;/price&gt;     &lt;/skuImage&gt;   &lt;/skuDetails&gt; &lt;/gwInfo&gt; </pre>		
Remark	None		
Assumption	Only one Store per Company is available E-Commerce transaction i.e. Vodafone will have only one store setup in OMS for e-commerce order processing		

E- Commerce – SKU inquiry Fig. 5.15.3

## 5.16 OMS Apps

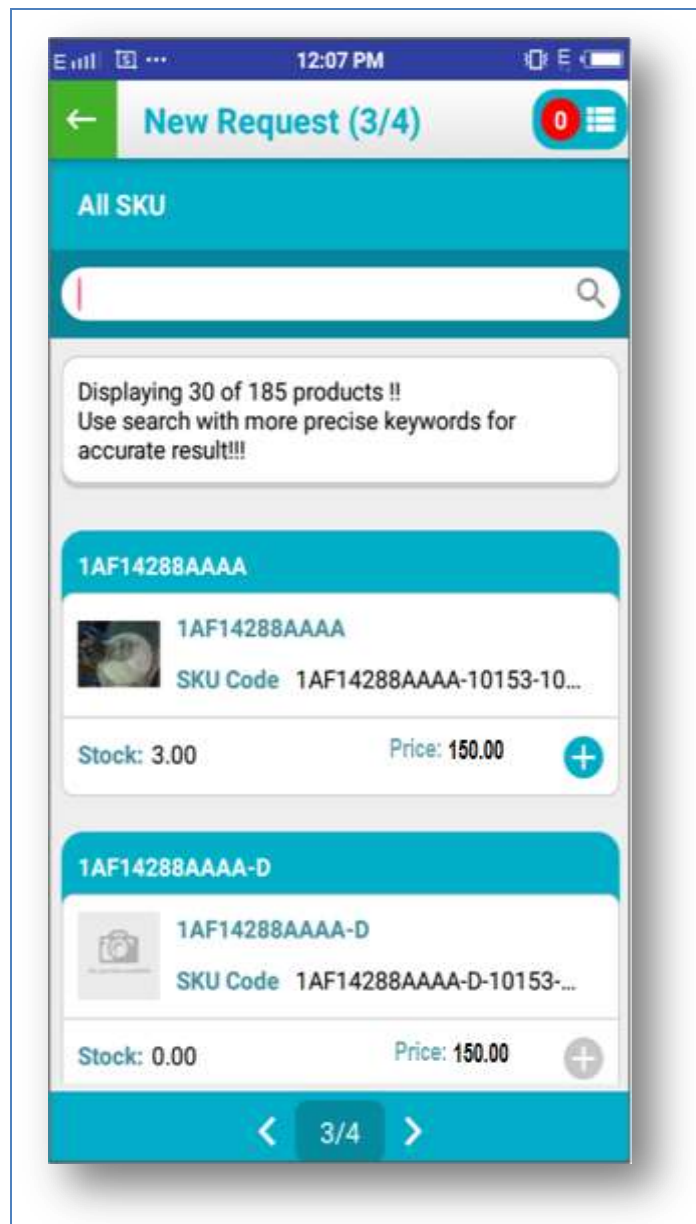


The screenshot displays a mobile application interface for creating a new request. At the top, the status bar shows the time as 12:03 PM. The app's title bar is green with a back arrow and the text 'New Request (2/4)'. Below this is a blue header for 'Request Details'. The 'Payment Method' section features a dropdown menu currently showing 'Bill To Account'. The 'Additional Information' section contains two input fields: 'Account Number' with the value 'ACC123456789' and 'MSISDN' with the value '123'. At the bottom, a blue navigation bar includes left and right arrows and a central button labeled '2/4'.

**Order Creation with Payment Option Fig. 5.16.1**

OMS User will be option to select payment method and enter the details

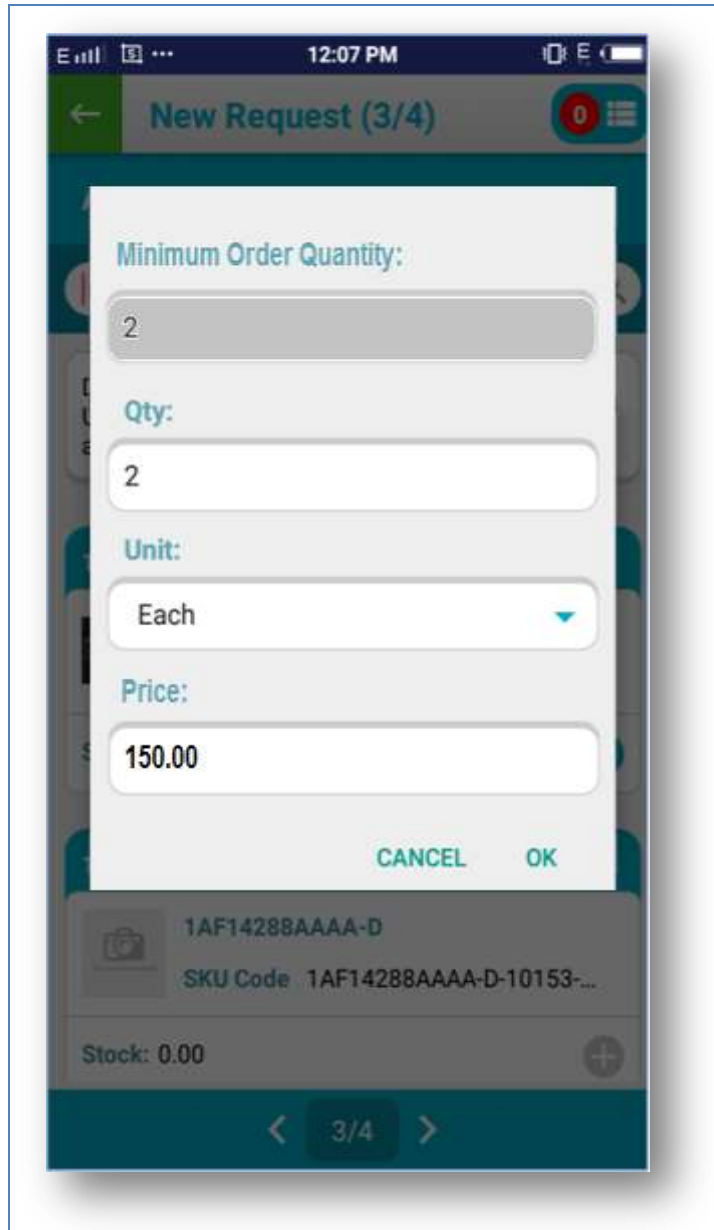
## OMS Order



**Order Creation with MOQ / Price Fig. 5.16.2**

OMS order with Price and MOQ

## OMS Order



The screenshot shows a mobile application interface for 'New Request (3/4)'. A modal form is displayed with the following fields:

- Minimum Order Quantity:** 2
- Qty:** 2
- Unit:** Each
- Price:** 150.00

At the bottom of the modal are 'CANCEL' and 'OK' buttons. Below the modal, the product details are visible:

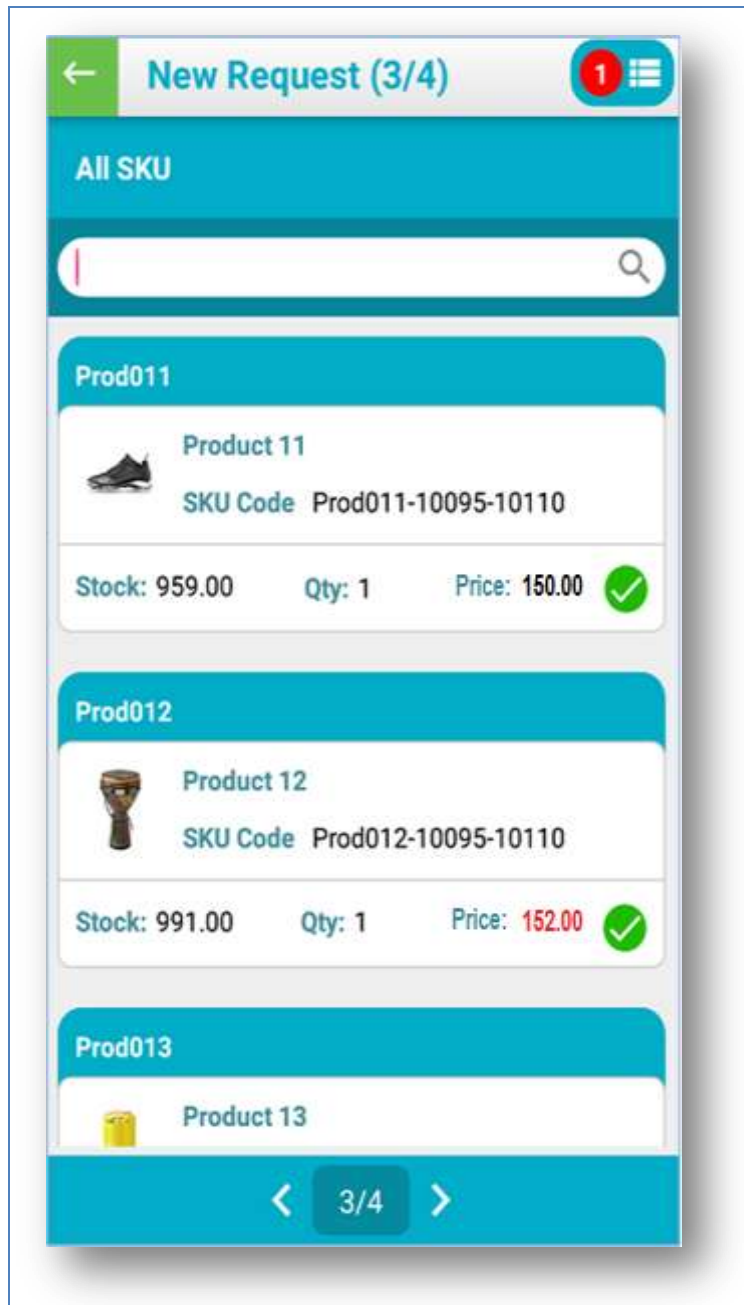
- SKU Code: 1AF14288AAAA-D
- SKU Code: 1AF14288AAAA-D-10153-...
- Stock: 0.00

The bottom navigation bar shows '< 3/4 >'.

Order Entry through Mobile Fig. 5.16.3

User to enter the Qty , price , system allow user to change the cost upon cost change financial approver will get added

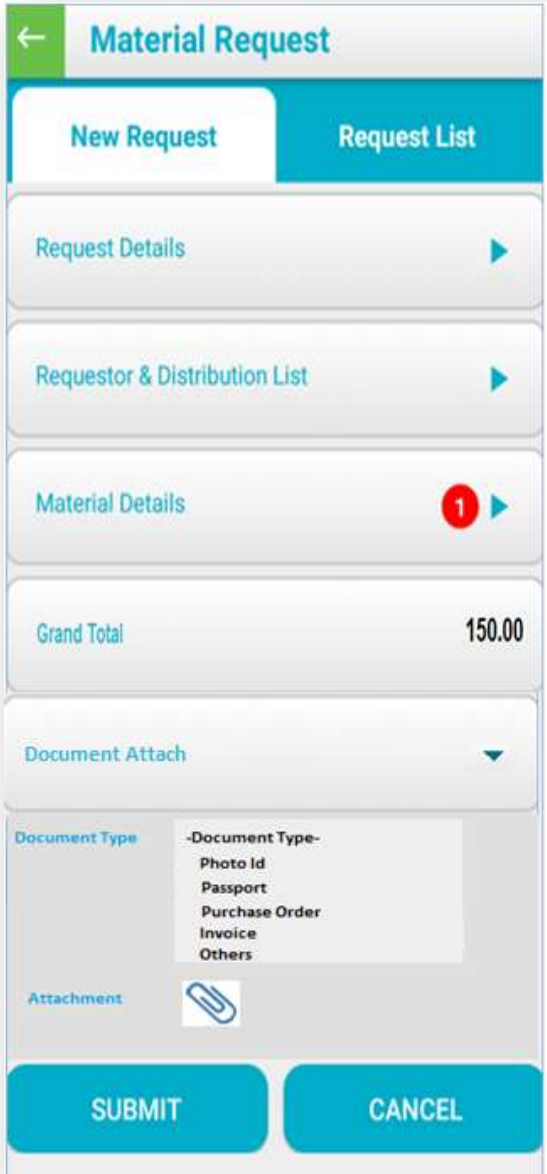
## OMS Apps



Order entry through Mobile Apps Fig. 5.16.4



User update the Price and Qty

## Email Template



**Order Cancelled by Requestor Fig.5.16.5**

- We have added new tab into Mobile application

 <b>Brilliant</b> Info Systems Pvt. Ltd.	<b>ORDER MANAGEMENT SYSTEM 2.0</b> <b>System Requirement Specification</b>		
	Version No :0.2	DATE : 17 March 2017	

1. Document Attach.

## 5.17 Online Delivery Mobile Application



**Online Delivery Mobile Application Fig.5.17.1**

➤ Initial Splash Screen

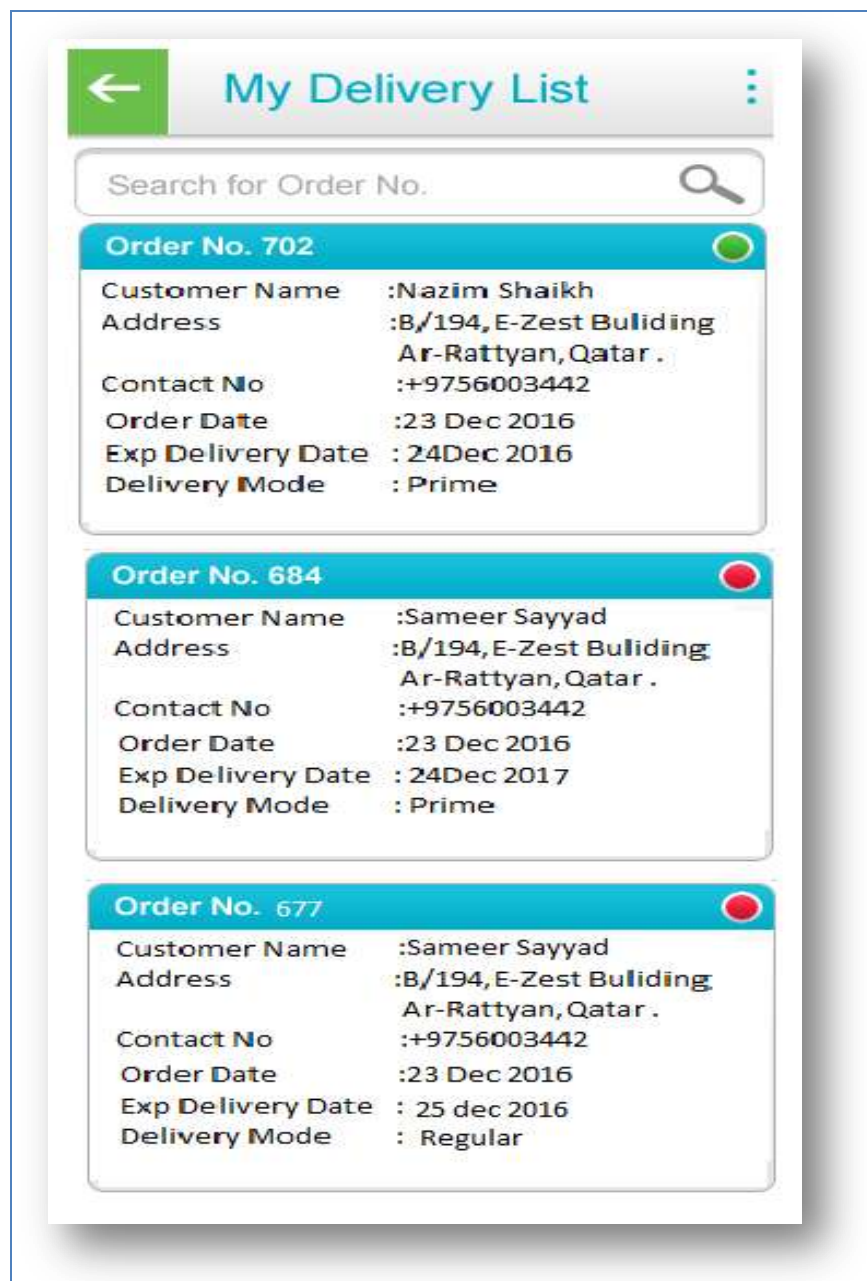
## Home Screen



Home Screen Fig.5.17.2

Home Screen offer interface for my delivery , Order History , My Profile and exit

## My Delivery



Delivery List Fig. 5.17.3

This interface shows Delivery details assigned to user , Driver will open the Order and update the Order details

## My Delivery

**Order No: 813**

Customer Details ▶

Material Details 4 ▶

Payment Details ▶

**Delivery Status**

Delivery Mode
 

-Select Filter-
 

Delivered
 Return

Return Remark
 

Invalid Customer
 



☒ Returned

Photoid Type
 

-Select-
 

Qatari Id
 Passport Id
 Driving Licence

Photo
 

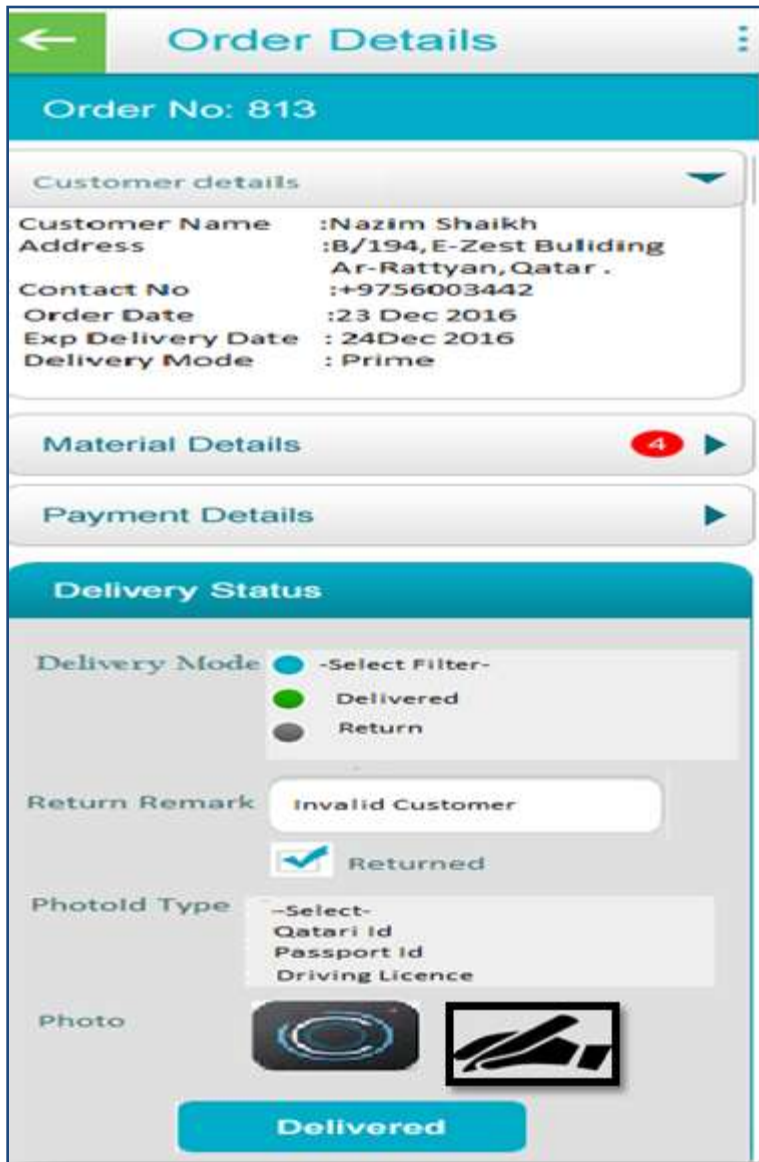



Delivered

Delivery Status Fig. 5.17.4

Driver will be update the Status , Update the photo id etc

## My Delivery



**Order Details**

Order No: 813

**Customer details**

Customer Name : Nazim Shaikh  
 Address : B/194, E-Zest Buliding  
 Ar-Rattyay, Qatar .  
 Contact No : +9756003442  
 Order Date : 23 Dec 2016  
 Exp Delivery Date : 24Dec 2016  
 Delivery Mode : Prime

**Material Details** 4

**Payment Details**



**Delivery Status**

Delivery Mode ☒ -Select Filter-  
☒ Delivered  
☐ Return

Return Remark

☒ Returned

Photold Type

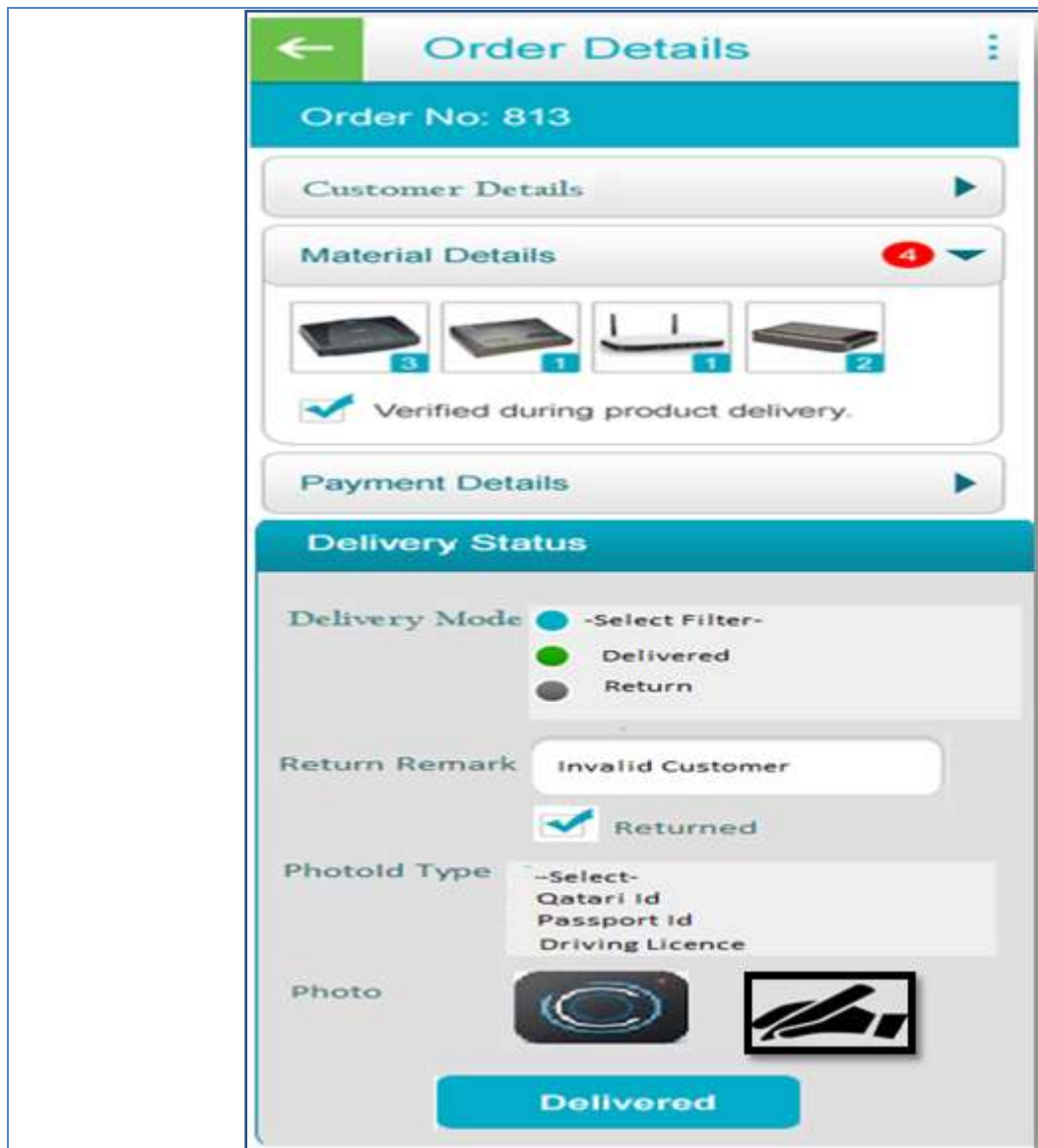
Photo  

**Delivered**

**Order Details Fig. 5.17.5**

Driver able to view the Order details

## My Delivery



The screenshot displays the 'Order Details' screen of a mobile application. At the top, there is a back arrow and the title 'Order Details'. Below this, the 'Order No: 813' is shown in a blue header. The interface is divided into several sections: 'Customer Details' with a right-pointing arrow, 'Material Details' with a red circle containing the number '4' and a dropdown arrow, 'Payment Details' with a right-pointing arrow, and 'Delivery Status'. The 'Material Details' section shows four items with images and numbers 3, 1, 1, and 2. A checkmark icon and the text 'Verified during product delivery.' are present. The 'Delivery Status' section includes a 'Delivery Mode' filter with options: '-Select Filter-', 'Delivered' (selected with a green dot), and 'Return'. Below this is a 'Return Remark' field containing 'Invalid Customer' and a 'Returned' checkbox which is checked. The 'Photold Type' section has a dropdown menu with options: '-Select-', 'Qatari Id', 'Passport Id', and 'Driving Licence'. The 'Photo' section shows two image thumbnails. At the bottom, there is a large blue button labeled 'Delivered'.

**Material Details Fig.5.17.6**

Driver able to view the Order details like material to be shipped

## My Delivery


**Order Details**


**Product Details**




**Product:** ADGL2+ (Modem)  
**Price:** 1200 (Per Item)  
**Qty:** 3

**Delivery Status**

**Delivery Mode**

☒ -Select Filter-  
☒ Delivered  
☐ Return

**Return Remark**

☒ Returned

**Photoid Type**

-Select-  
 Qatari id  
 Passport id  
 Driving Licence

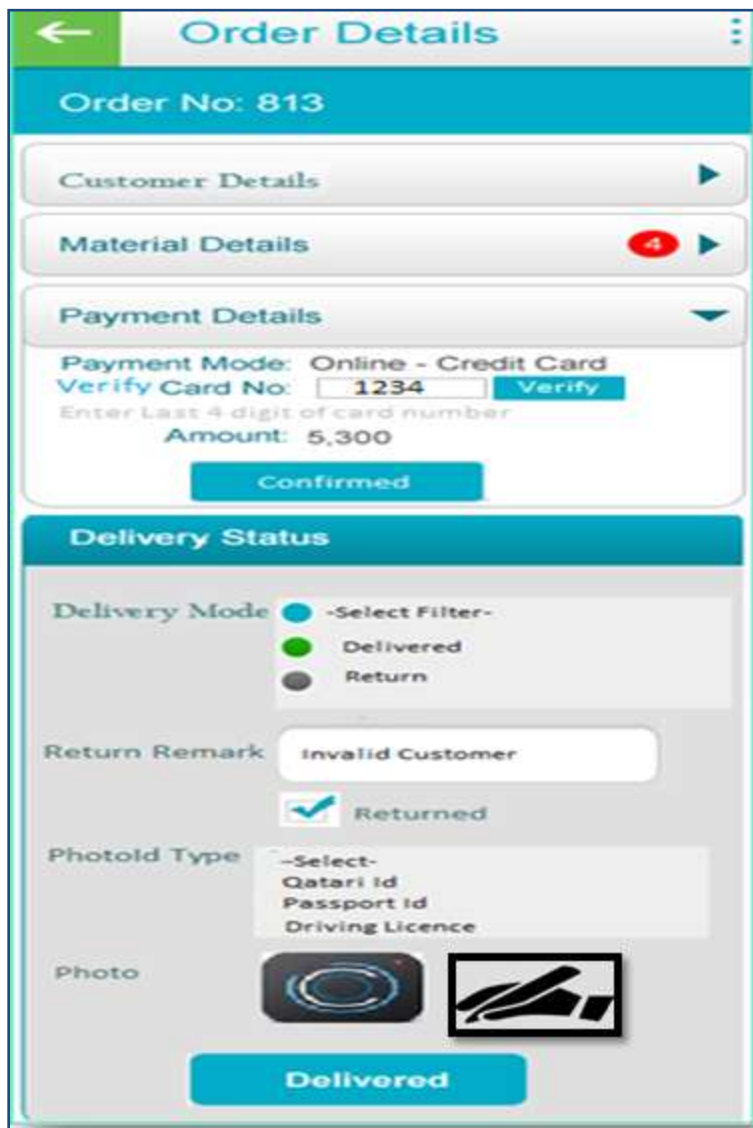
**Photo**




**Product Details Fig.5.17.7**

Driver click on Material and view the materials details

## My Delivery

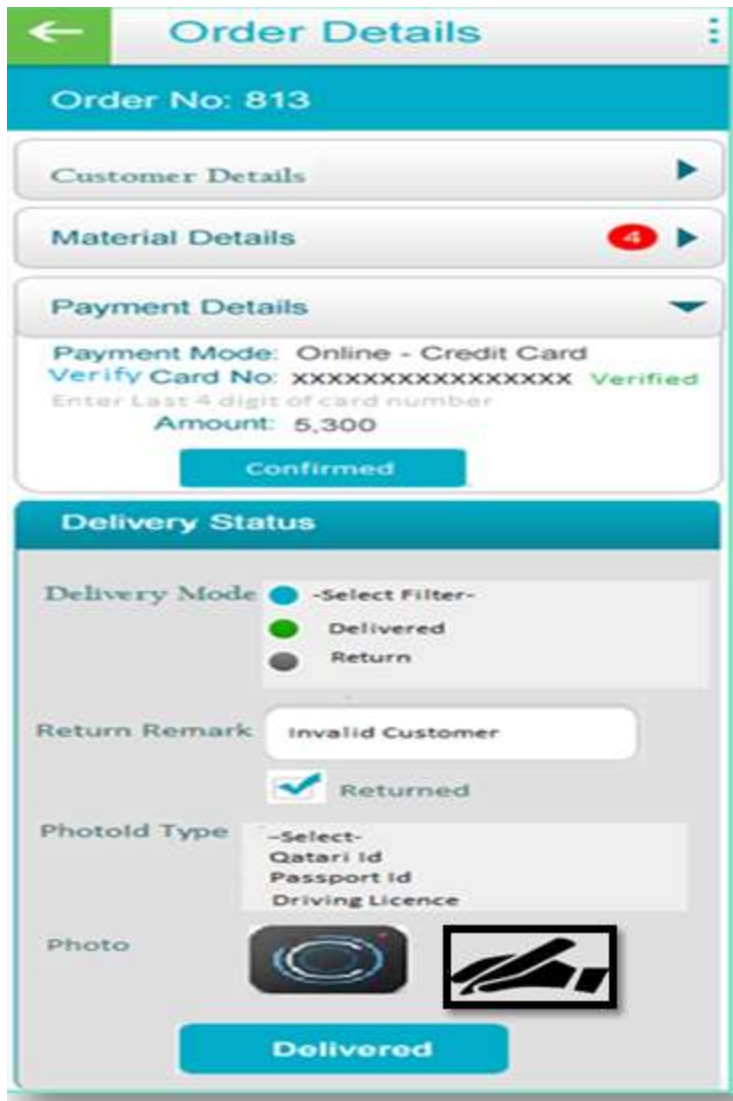


The screenshot shows a mobile application interface for 'Order Details'. At the top, there is a back arrow and the title 'Order Details'. Below this, the 'Order No: 813' is displayed. The interface is divided into several sections: 'Customer Details', 'Material Details' (with a red circle containing the number 4), and 'Payment Details'. The 'Payment Details' section shows 'Payment Mode: Online - Credit Card', a 'Verify Card No:' field with the value '1234', and a 'Verify' button. Below this, it says 'Enter Last 4 digit of card number' and 'Amount: 5,300'. A 'Confirmed' button is at the bottom of this section. The 'Delivery Status' section follows, showing 'Delivery Mode' with a dropdown menu set to '-Select Filter-', and three radio button options: 'Delivered' (selected), 'Return', and 'Return Remark' with a text input field containing 'Invalid Customer'. There is also a 'Returned' checkbox which is checked. Below this is the 'Photold Type' section with a dropdown menu showing options: '-Select-', 'Qatari Id', 'Passport Id', and 'Driving Licence'. The 'Photo' section shows two image placeholders. At the bottom of the 'Delivery Status' section is a large blue 'Delivered' button.

**Payment Details Credit Card Fig.5.17.8**

Payment with credit Card payment verification

## My Delivery

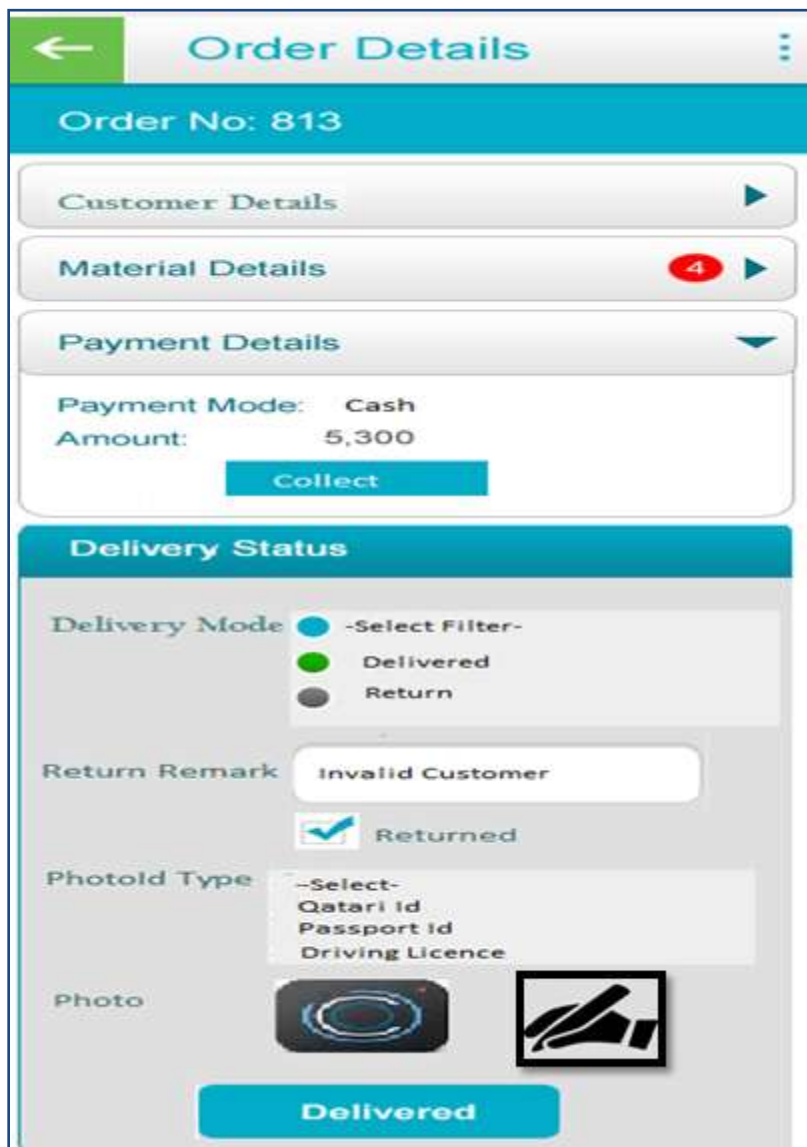


The screenshot shows a mobile application interface for 'Order Details'. At the top, there is a back arrow and the title 'Order Details'. Below this, the 'Order No: 813' is displayed. The interface is divided into several sections: 'Customer Details', 'Material Details' (with a red notification bubble containing the number 4), and 'Payment Details'. The 'Payment Details' section shows 'Payment Mode: Online - Credit Card', a masked card number 'XXXXXXXXXXXXXXXXXX' with a green 'Verified' status, and an amount of '5,300'. A 'Confirmed' button is present. Below this is the 'Delivery Status' section, which includes a 'Delivery Mode' filter (set to 'Delivered'), a 'Return Remark' field with 'Invalid Customer', a 'Returned' checkbox, and a 'Photoid Type' dropdown menu with options like 'Qatari Id', 'Passport Id', and 'Driving Licence'. There are two photo thumbnails and a 'Delivered' button at the bottom.

Payment Details Fig.5.17.9

Payment with Credit card verification

## My Delivery



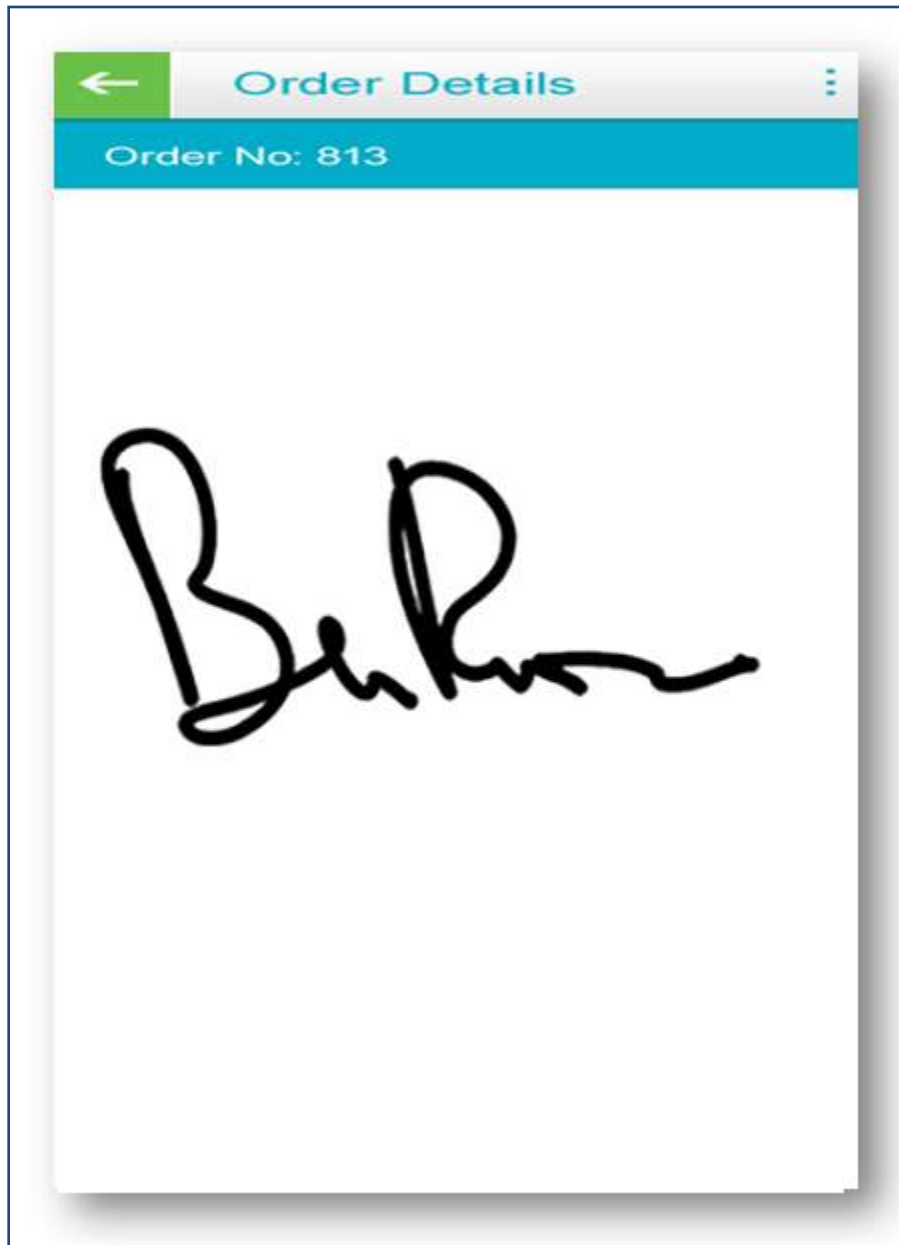
The screenshot shows a mobile application interface titled "Order Details". At the top, there is a back arrow and a menu icon. Below the title, the "Order No: 813" is displayed. The interface is divided into several sections:

- Customer Details:** A section with a right-pointing arrow.
- Material Details:** A section with a red circle containing the number "4" and a right-pointing arrow.
- Payment Details:** A section with a downward-pointing arrow. It contains:
  - Payment Mode: Cash
  - Amount: 5,300
  - A blue button labeled "Collect".
- Delivery Status:** A section with a blue header. It contains:
  - Delivery Mode:** A dropdown menu with options: "-Select Filter-", "Delivered" (selected with a green dot), and "Return" (with a grey dot).
  - Return Remark:** A text input field containing "Invalid Customer".
  - Returned:** A checkbox that is checked, with the label "Returned".
  - Photoid Type:** A dropdown menu with options: "-Select-", "Qatari Id", "Passport Id", and "Driving Licence".
  - Photo:** Two image placeholders: a circular one and a rectangular one.
  - A large blue button at the bottom labeled "Delivered".

Payment Details Cash On Delivery Fig.5.17.10



Payment update for Cash on Delivery


## My Delivery




Customer Signature Capture Fig.5.17.11


## Delivery History

 **Delivery History** 



**Order No. 702** 

Customer Name :Nazim Shaikh  
Address :B/194,E-Zest Buliding  
Ar-Rattyman, Qatar .  
Contact No :+9756003442  
Order Date :23 Dec 2016  
Exp Delivery Date : 24Dec 2016  
Delivery Mode : Prime

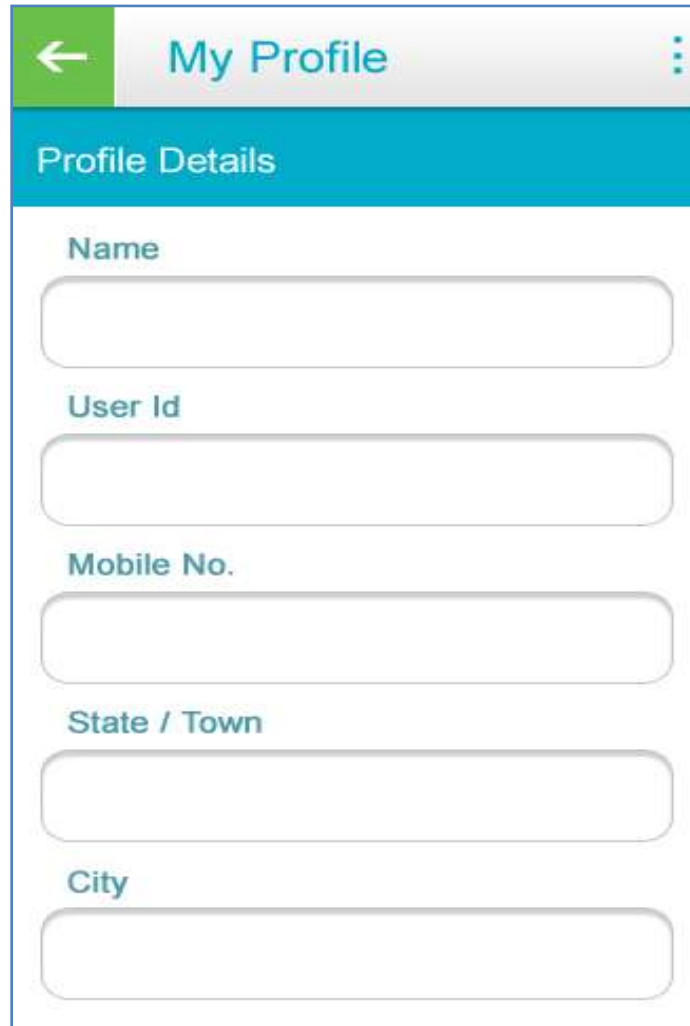
**Order No. 684** 

Customer Name :Sameer Sayyad  
Address :B/194,E-Zest Buliding  
Ar-Rattyman, Qatar .  
Contact No :+9756003442  
Order Date :23 Dec 2016  
Exp Delivery Date : 24Dec 2017  
Delivery Mode : Prime

### Delivery History Fig. 5.17.11

This interface will be used by Driver to view the delivery History

### My Profile



The image shows a mobile application interface for a 'My Profile' screen. At the top, there is a header bar with a green left section containing a white back arrow, a white center section with the text 'My Profile' in green, and a grey right section with a green three-dot menu icon. Below the header is a blue bar with the text 'Profile Details' in white. The main content area is white and contains six form fields, each with a label above it: 'Name', 'User Id', 'Mobile No.', 'State / Town', and 'City'. Each label is in a teal color. The form fields are white with rounded corners and a thin grey border.

This interface used by Driver to view the user details