

Introduction:

The document lists the broad level functional description of the system in discussion.

It is designed to serve as a plan for helping achieve the desired results and move toward the vision of an effective Logistic Management and Information System. At the same time, it is a tool for structuring specific implementations and modules, and providing a methodology that is repeatable as a work flow. It does not provide the technical specifications as of now, however once we get clarity on the requirement; we would submit a Statement or Scope of Work document that would be a road map for the Project.

The document has tried to come up with a basic and macro level description and would seek inputs from you in helping us with your unique environment in defining the Workflow and the Business Logics that your Team is following.

Purpose:

The purpose of this document is to list out our understanding the business process and the work flow that would be automated via application that would run across all mobile devices. At the top of mind of most business owners are aspects such as customer experience, employee engagement, resource utilization, operational efficiency, document management and customer self service. We have tried to incorporate the main aspects of your environ in defining the main functions and features that the system must undertake.

About the Software Application

The system would cater to the complete lifecycle of a standard Freight and Logistics Management organization. The Lifecycle would have workflows and the system would automate each process and sub-process within the workflow to provide a streamline flow of information. The system would run on business logic and cover every aspect of the eco-system; from Order Booking to Delivery and Closure. The system would have triggers and alerts to take action like approvals, sanctions, rejections etc. The automation would enable inter and intra-department communication and information sharing. The system would be designed to help take action via notification and record their action to time to deliveries for maintaining quality.

The system would be a role based and each user would have own permission that he is authorized based on his profile.

The Business Process:

1. Enquiry/Requisition/Bookings
2. Receiving
3. Storage/Warehouse
4. Dispatch and Transport
5. Dispense and Distribution
6. Delivery and Closure

Types of Users:

1. Super Admin/Admin
2. Branch Admin
3. Customer

4. Warehouse
5. Dispatch-Delivery

The System to have the following features:

1. Attractive User Interface and Dashboards based on user roles
2. Advance Search based on the masters
3. Invoice and Order Management
4. Real time Tracking through GPS and Google Maps
5. Document management, Archival and Retrieval
6. Case Management and Client Query Management
7. Fleet Management
8. Consignment page would display the complete details about the order
9. Customer Portal can be built for the customer to book order for door pick up etc.
10. Re-routing of consignment for any eventuality
11. Special instructions for handling consignments
12. Automatic rate determination based on source and destination
13. Commission Tracking for 3rd Part vendors
14. Key Performance Indications (KPI) Tracking
15. Location wise climate tracking to calculate delivery time

The system would have the following Modules:

1. Logistic: Self service and secured logins for Customer, Vendor, Employee & Supplier
2. Order Management: Workflow from Booking to Delivery
3. Operations – Transportation, Shipment, Warehouse Management, Scheduling
4. Accounting – Integrated Financial Management and Accounts posting
5. Tariff – Rate management for own and contracted vehicles
6. Claims – Managing accidents, fines, theft, insurance etc
7. Management Information System with module integrated reporting
8. Data Analytics – Versatile module to help management decision making

Type of Masters:

1. User Master
2. Customer Master
3. Branch Master
4. Employee Master
5. Order Master

6. Warehouse Master
7. Dispatch Master
8. Release Order