Business Proposal for Exim Logistics Automation

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Jubilant Lifesciences

Introduction

We are an ISO 9001:2010 certified company founded in 2011 with a mission to incubate high end technological innovations. Our forte lies in creating user friendly solutions which are easy to access, operate and integrate. Our team of Elixirs' work continuously with an aim to deliver products and services of the highest quality.

Our Endeavor is to make mobile, phone-based solutions integrated with modern platforms of web based solutions. Based out of Mumbai and operational presence across all major cities pan India, we closely work with a variety of businesses to create unique solutions working on various platforms to enhance productivity and pave way for technology integration.

Project Summary

Control Tower will be provided to control and manage the Order Generation and Transporter Allocation Solution. This will include automated indent creation and allotment of vehicles to transporters, followed by a total control for CHA, Transporters and Plant to manage Fleet Operations.
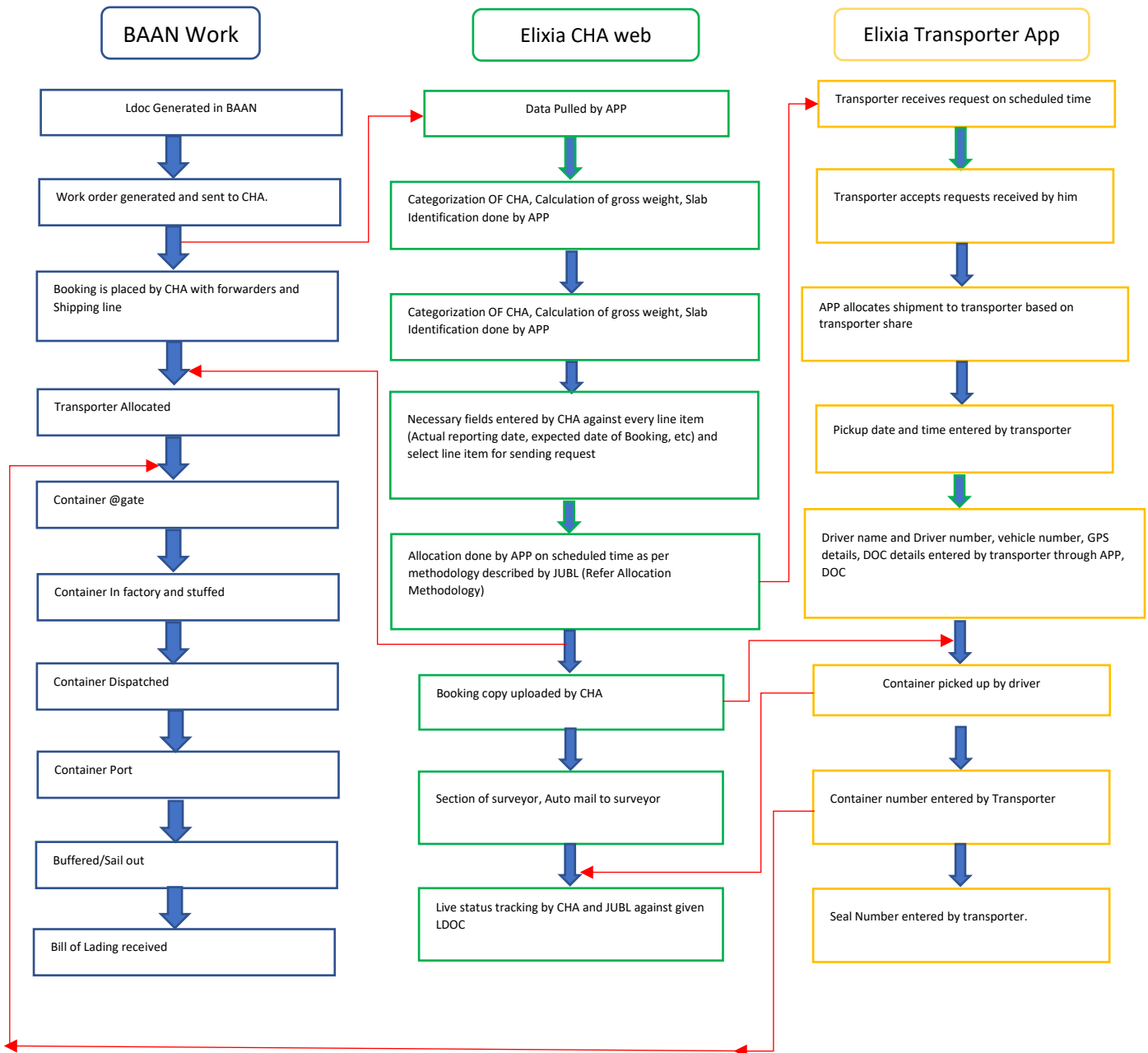
Objectives

To ensure transparency in allocation of orders and analyze trips for better control

Scope of Work and Workflow

Elixia Tech will optimize and automate Exim through following modules:

1) Automated Transporter Allocation Module – This will make the system assign the indents automatically to the transporters based on a certain predefined algorithm which will be specific to Jubilant lifesciences way of operations. Based on the process certain insights will be generated which will further help in taking more informed decisions based on data analytics.

2) Plant Module – This module will help create digital footprints of the activities carried out in the plant thus providing data points which can be backtracked and Utilized for further optimization of the processes. Through this detention costs can be reduced, time spent in document verification can be saved and factories can be aligned for the loading and unloading processes based on timely arrival alerts of the vehicles.

Work Flow

BAAN Work

Ldoc Generated in BAAN

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Work order generated and sent to CHA.

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Booking is placed by CHA with forwarders and Shipping line

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Transporter Allocated

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Container @gate

↓

Container In factory and stuffed

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Container Dispatched

↓

Container Port

↓

Buffered/Sail out

↓

Bill of Lading received

Elixia CHA web

Data Pulled by APP

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Categorization OF CHA, Calculation of gross weight, Slab Identification done by APP

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Categorization OF CHA, Calculation of gross weight, Slab Identification done by APP

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Necessary fields entered by CHA against every line item (Actual reporting date, expected date of Booking, etc) and select line item for sending request

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Allocation done by APP on scheduled time as per methodology described by JUBL (Refer Allocation Methodology)

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Booking copy uploaded by CHA

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Section of surveyor, Auto mail to surveyor

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Live status tracking by CHA and JUBL against given LDOC

Elixia Transporter App

Transporter receives request on scheduled time

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Transporter accepts requests received by him

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APP allocates shipment to transporter based on transporter share

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Pickup date and time entered by transporter

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Driver name and Driver number, vehicle number, GPS details, DOC details entered by transporter through APP, DOC

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Container picked up by driver

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Container number entered by Transporter

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Seal Number entered by transporter.

JUBL Admin Backend:

Data will be pulled from BAAN. Data import provisioning from Excel Sheet will also be given. Following Parameters will be captured:

Sales Order #, LDOC #, WO #, CHA Code, Plant Code, Plant Name, Location, Container Type, Vehicle Slab, Net Weight, Gross Weight, Product Code, Product Description, Plant Stuffing Date, Port of Loading, **Port of Loading (Code)**, Port of Destination, **Port of Destination (Code)**, Shipping Line, **Shipping Line (Code)**, Status, Gate In Time, Gate Out Time, Ship to, Sold To

Automatic transporter allocation will be done based on the annual contracts of the transporters and accordingly they will be classified as L1, L2, L3 etc. This Project needs a deeper understanding of this logic moving forward.

Plant Module:

Gate Checklist: PUC Expiry, Permit Expiry, Registration Expiry, Fitness Expiry, Insurance Expiry, Remarks. Transporter will upload these files and store, Rating Dropdown for Driver Behavior. This will be an app provided by Elixia Tech to Gate for verification and rating driver behavior / transporters. This will also help you capture the exact date and time of Gate in and gate out of the vehicle and help in reduction of costs like detention cost and significant reduction in time spent on document verification

Advantages:

1. Significantly improving efficiency and productivity in the factory and CHA with regards to indent creation, seam less transportation and timely loading.

2. Reduced costs and improved output and delivery time through optimized transporter selection based on a combination of manual and system generated intelligence.

3. Reduced idle time in factory, significantly reduced detention and transportation costs, complete transporter management, accurate real time records of in time, loading time, out time.

4. Significant reduction in manual work of maintaining all records transaction on paper or in excel. All information readily available on portal at any given time thereby significantly improving productivity of all resources.

5. Through the plant module, the plat is instantly notified of vehicle arrival thereby significantly reducing detention costs and getting products loaded and moving. In time, out time and loading times are captured through this module using OTP mechanism on driver's phone thereby verifying driver identity as well as authenticating transporter and his vehicle.

6. All in all huge savings in terms of time and cost spent in manual activity and verifications to improve the productivity and efficiency of the entire process leading to significant cost savings.